



Schedule of Pay Items

Report v1

Letting Call: 180718 601

Letting Date: July 18, 2018

Contract ID: 67022-201686

Description: Job Order Contract for Traffic Signals in the Grand Region, Allegan, Barry, Ionia, Kent, Lake, Mason, Montcalm, Muskegon, Newaygo, Oceana, Osceola and Ottawa Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201686A	1800919	N/A	STG 67022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1.000	Ft
0030	Curb, Rem	2040021	1.000	Ft
0040	Pavt, Rem	2040050	1.000	Syd
0050	Sidewalk, Rem	2040055	1.000	Syd
0060	Exploratory Investigation, Vertical	2040080	1.000	Ft
0070	Embankment, CIP	2050010	1.000	Cyd
0080	Excavation, Earth	2050016	1.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0110	Erosion Control, Silt Fence	2080036	1.000	Ft
0120	Subbase, LM	3010003	1.000	Cyd
0130	Aggregate Base	3020001	1.000	Ton
0140	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0150	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0160	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0170	HMA Surface, Rem	5010005	1.000	Syd
0180	Hand Patching	5010025	1.000	Ton
0190	Conc Base Cse, Nonreinf, 6 inch	6020015	1.000	Syd
0200	Conc Base Cse, Nonreinf, 7 inch	6020017	1.000	Syd
0210	Conc Base Cse, Nonreinf, 8 inch	6020019	1.000	Syd
0220	Conc Base Cse, Nonreinf, 9 inch	6020021	1.000	Syd
0230	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	1.000	Syd
0240	Lane Tie, Epoxy Anchored	6030030	1.000	Ea
0250	Coating Galvanized Support Structures	7160010	1.000	Ea
0260	_ Pedestrian Path, Temp	8007001	1.000	Ft
0270	_ Pedestrian Ramp, Temp	8007050	1.000	Ea

0280	_ Roadside Unit, Intersection	8007050	1.000	Ea
0290	Curb and Gutter, Conc, Det B2	8020016	1.000	Ft
0300	Curb and Gutter, Conc, Det C2	8020021	1.000	Ft
0310	Curb and Gutter, Conc, Det C4	8020023	1.000	Ft
0320	Curb and Gutter, Conc, Det F1	8020035	1.000	Ft
0330	Curb and Gutter, Conc, Det F2	8020036	1.000	Ft
0340	Curb and Gutter, Conc, Det F4	8020038	1.000	Ft
0350	Curb and Gutter, Conc, Det F6	8020040	1.000	Ft
0360	Detectable Warning Surface	8030010	1.000	Ft
0370	Sidewalk Ramp, Conc, 4 inch	8030034	1.000	Sft
0380	Sidewalk Ramp, Conc, 6 inch	8030036	1.000	Sft
0390	Sidewalk, Conc, 4 inch	8030044	1.000	Sft
0400	Sidewalk, Conc, 6 inch	8030046	1.000	Sft
0410	Sidewalk, Clay Brick Pavers	8030050	1.000	Sft
0420	Sidewalk, Clay Brick Pavers, Rem	8030051	1.000	Sft
0430	_ Brick Pavers, Rem	8037010	1.000	Sft
0440	_ Sidewalk Ramp, Conc, 6 inch, Decorative	8037010	1.000	Sft
0450	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	1.000	Sft
0460	_ Sidewalk, Conc, 4 inch, Decorative	8037010	1.000	Sft
0470	_ Sidewalk, Conc, 6 inch, Decorative	8037010	1.000	Sft
0480	Band, Sign	8100010	1.000	Ea
0490	Fdn, Wood Support, Rem	8100280	1.000	Ea
0500	Perforated Steel Square Tube Breakaway System	8100330	1.000	Ea
0510	Sign, Type II, Rem	8100397	1.000	Ea
0520	Sign, Type IIB	8100399	1.000	Sft
0530	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0540	Sign, Type III, Rem	8100403	1.000	Ea
0550	Sign, Type IIIB	8100405	1.000	Sft
0560	Mast Arm Pole, Cat I	8100510	1.000	Ea
0570	Mast Arm Pole, Cat III	8100512	1.000	Ea
0580	Mast Arm, 20 foot, Cat I	8100520	1.000	Ea
0590	Mast Arm, 25 foot, Cat I	8100521	1.000	Ea
0600	Mast Arm, 30 foot, Cat I	8100522	1.000	Ea
0610	Mast Arm, 35 foot, Cat I	8100523	1.000	Ea
0620	Mast Arm, 40 foot, Cat I	8100524	1.000	Ea
0630	Mast Arm, 45 foot, Cat I	8100525	1.000	Ea
0640	Mast Arm, 50 foot, Cat I	8100526	1.000	Ea
0650	Mast Arm, 20 foot, Cat III	8100540	1.000	Ea
0660	Mast Arm, 25 foot, Cat III	8100541	1.000	Ea
0670	Mast Arm, 30 foot, Cat III	8100542	1.000	Ea
0680	Mast Arm, 35 foot, Cat III	8100543	1.000	Ea
0690	Mast Arm, 40 foot, Cat III	8100544	1.000	Ea
0700	Mast Arm, 45 foot, Cat III	8100545	1.000	Ea
0710	Mast Arm, 50 foot, Cat III	8100546	1.000	Ea
0720	Mast Arm Pole Fdn, 6 Bolt	8100550	1.000	Ft

0730	Mast Arm, Rem	8100560	1.000	Ea
0740	Mast Arm Std, Rem	8100570	1.000	Ea
0750	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	1.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Yellow	8110023	1.000	Ft
0770	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1.000	Ft
0780	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	1.000	Ft
0790	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Yellow	8110026	1.000	Ft
0800	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1.000	Ft
0810	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	1.000	Ft
0820	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Yellow	8110043	1.000	Ft
0830	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	1.000	Ft
0840	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	1.000	Ft
0850	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0860	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0870	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1.000	Ft
0880	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1.000	Ft
0890	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1.000	Ft
0900	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1.000	Ft
0910	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1.000	Ft
0920	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1.000	Ft
0930	Rem Spec Mrkg	8110343	1.000	Sft
0940	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	1.000	Ea
0950	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	1.000	Ea
0960	Barricade, Type III, High Intensity, Lighted, Furn	8120022	1.000	Ea
0970	Barricade, Type III, High Intensity, Lighted, Oper	8120023	1.000	Ea
0980	Pedestrian Type II Barricade, Temp	8120026	1.000	Ea
0990	Pedestrian Type II Channelizer, Temp	8120027	1.000	Ft
1000	Channelizing Device, 42 inch, Furn	8120030	1.000	Ea
1010	Channelizing Device, 42 inch, Oper	8120031	1.000	Ea
1020	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
1030	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
1040	Mobile Attenuator	8120180	1.000	Ea
1050	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1.000	Ft
1060	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1.000	Ft
1070	Plastic Drum, High Intensity, Furn	8120250	1.000	Ea
1080	Plastic Drum, High Intensity, Oper	8120251	1.000	Ea
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	1.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	1.000	Ft
1110	Sign Cover	8120310	1.000	Ea
1120	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
1130	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
1140	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea

1150	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
1160	Sign, Type A, Temp, Prismatic, Furn	8120340	1.000	Sft
1170	Sign, Type A, Temp, Prismatic, Oper	8120341	1.000	Sft
1180	Sign, Type B, Temp, Prismatic, Furn	8120350	1.000	Sft
1190	Sign, Type B, Temp, Prismatic, Oper	8120351	1.000	Sft
1200	Slope Restoration, Type A	8160100	1.000	Syd
1210	Slope Restoration, Type B	8160101	1.000	Syd
1220	Cable Pole, Intercn, Disman	8190005	1.000	Ea
1230	Cable Pole, Sec, Disman	8190006	1.000	Ea
1240	Cable Pole, Sec and Intercn, Disman	8190007	1.000	Ea
1250	Cable Pole, TS and Intercn, Disman	8190008	1.000	Ea
1260	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
1270	Cable Pole, TS, Disman	8190010	1.000	Ea
1280	Cable Pole, TS Sec and Intercn, Disman	8190011	1.000	Ea
1290	Cable, Intercn, Rem	8190015	1.000	Ft
1300	Cable, Rem	8190016	1.000	Ft
1310	Cable, Sec, Rem	8190017	1.000	Ft
1320	Conduit, DB, 1, 1 1/2 inch	8190027	1.000	Ft
1330	Conduit, DB, 1, 3 inch	8190029	1.000	Ft
1340	Conduit, DB, 2, 3 inch	8190032	1.000	Ft
1350	Conduit, DB, 3, 3 inch	8190035	1.000	Ft
1360	Conduit, DB, 4, 3 inch	8190038	1.000	Ft
1370	Conduit, Rem	8190140	1.000	Ft
1380	Hh, Adj	8190244	1.000	Ea
1390	Hh, Rem	8190254	1.000	Ea
1400	Hh, Round, 3 foot dia	8190259	1.000	Ea
1410	Hh, Round	8190260	1.000	Ea
1420	Hh, Square	8190261	1.000	Ea
1430	Cable, P.J., 600V, 1, 7/C#14	8190377	1.000	Ft
1440	Cable, P.J., 600V, 1, 12/C#14	8190382	1.000	Ft
1450	Cable, P.J., 600V, 1, 14/C#14	8190384	1.000	Ft
1460	Cable, P.J., 600V, 1, 20/C#14	8190386	1.000	Ft
1470	Cable, Sec, 600V, 1, 3/C#6	8190399	1.000	Ft
1480	Cable, Sec, Triplex, 1, 3/C#4	8190418	1.000	Ft
1490	Cable, Shielded, 600V, 1, 2/C#12, Intercn	8190425	1.000	Ft
1500	Wood Pole, Cl 4, 35 foot	8190472	1.000	Ea
1510	Wood Pole, Cl 4, 40 foot	8190473	1.000	Ea
1520	Wood Pole, Cl 4, 45 foot	8190474	1.000	Ea
1530	Wood Pole, Cl 4, 50 foot	8190475	1.000	Ea
1540	Wood Pole, Cl 4, 55 foot	8190476	1.000	Ea
1550	Wood Pole, Cl 4, 60 foot	8190477	1.000	Ea
1560	Wood Pole, Cl 4, 65 foot	8190478	1.000	Ea
1570	Wood Pole, Cl 4, 70 foot	8190479	1.000	Ea
1580	Wood Pole, Fit Up, Intercn Cable Pole	8190488	1.000	Ea

1590	Wood Pole, Fit Up, Metered Sec Elec Serv	8190489	1.000	Ea
1600	Wood Pole, Fit Up, Sec and Intercn Cable Pole	8190494	1.000	Ea
1610	Wood Pole, Fit Up, Sec Serv Pole	8190496	1.000	Ea
1620	Wood Pole, Fit Up, TS and Intercn Cable Pole	8190499	1.000	Ea
1630	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
1640	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1650	Wood Pole, Fit Up, TS, Sec and Intercn Cable Pole	8190502	1.000	Ea
1660	Wood Pole, Rem	8190505	1.000	Ea
1670	Bracket Arm, Clamp On, Rem	8190520	1.000	Ea
1680	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	1.000	Ft
1690	Conduit, Directional Bore, 1, 3 inch	8190602	1.000	Ft
1700	Conduit, Directional Bore, 1, 4 inch	8190603	1.000	Ft
1710	Conduit, Directional Bore, 2, 3 inch	8190604	1.000	Ft
1720	Conduit, Directional Bore, 2, 4 inch	8190605	1.000	Ft
1730	Conduit, Directional Bore, 3, 3 inch	8190606	1.000	Ft
1740	Conduit, Directional Bore, 4, 3 inch	8190607	1.000	Ft
1750	Anchor Guy	8200001	1.000	Ea
1760	Pole Guy	8200002	1.000	Ea
1770	Case Sign Panel	8200003	1.000	Ea
1780	Case Sign Panel, Rem	8200004	1.000	Ea
1790	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	1.000	Ea
1800	Case Sign, Rem	8200020	1.000	Ea
1810	Case Sign (LED), Four Way, 12 inch by 27 inch	8200021	1.000	Ea
1820	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
1830	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
1840	Case Sign (LED), Two Way, 36 inch by 36 inch	8200024	1.000	Ea
1850	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
1860	Controller and Cabinet, Rem	8200030	1.000	Ea
1870	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1880	Controller and Cabinet, Digital Type, Master	8200033	1.000	Ea
1890	Controller and Cabinet, Salv	8200037	1.000	Ea
1900	Case Sign, Salv	8200039	1.000	Ea
1910	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	1.000	Ea
1920	Controller Fdn, Base Mount	8200045	1.000	Ea
1930	Controller Fdn, Rem	8200046	1.000	Ea
1940	Controller, Digital Type	8200047	1.000	Ea
1950	Controller, Digital Type, Master	8200048	1.000	Ea
1960	Controller, Rem	8200049	1.000	Ea
1970	Global Positioning System Module	8200050	1.000	Ea
1980	Global Positioning System Module, Rem	8200053	1.000	Ea
1990	Global Positioning System Module, Salv	8200054	1.000	Ea
2000	Digital Loop Detector	8200055	1.000	Ea
2010	Digital Loop Detector, Salv	8200056	1.000	Ea
2020	Fdn, Rem	8200065	1.000	Ea

2030	Fish Beacon, Controller and Cabinet, Solid State, Salv	8200069	1.000	Ea
2040	Fish Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
2050	Fish Beacon, Solar Power	8200071	1.000	Ea
2060	Fish Beacon, Solar Power, Rem	8200072	1.000	Ea
2070	Fish Beacon, Solar Power, Dual	8200073	1.000	Ea
2080	Louver	8200080	1.000	Ea
2090	Splice Box	8200085	1.000	Ea
2100	Splice Box, Rem	8200086	1.000	Ea
2110	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2120	Metered Serv	8200090	1.000	Ea
2130	Metered Serv, Rem	8200095	1.000	Ea
2140	Pedestal, Alum	8200100	1.000	Ea
2150	Pedestal, Alum, Salv	8200101	1.000	Ea
2160	Pushbutton Pedestal, Alum, Salv	8200102	1.000	Ea
2170	Pedestal Fdn, Flush	8200103	1.000	Ea
2180	Pedestal, Fdn	8200105	1.000	Ea
2190	Pedestal Fdn, Rem	8200106	1.000	Ea
2200	Pedestal, Rem	8200110	1.000	Ea
2210	Pedestal, Underground Serv, Metered	8200111	1.000	Ea
2220	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
2230	Pedestal, Underground Serv, Rem	8200113	1.000	Ea
2240	Pushbutton and Sign	8200121	1.000	Ea
2250	Pushbutton, Rem	8200122	1.000	Ea
2260	Pushbutton Pedestal, Alum	8200123	1.000	Ea
2270	Pushbutton Pedestal, Rem	8200124	1.000	Ea
2280	Pushbutton and Sign, Salv	8200126	1.000	Ea
2290	Push Button Station and Sign	8200128	1.000	Ea
2300	Serv Disconnect	8200135	1.000	Ea
2310	Serv Disconnect, Rem	8200136	1.000	Ea
2320	Serv Disconnect, Salv	8200138	1.000	Ea
2330	Span Wire	8200140	1.000	Ea
2340	Span Wire, Rem	8200141	1.000	Ea
2350	Span Wire Tether	8200142	1.000	Ea
2360	Steel Pole, Rem	8200145	1.000	Ea
2370	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
2380	Guy, Rem	8200167	1.000	Ea
2390	Strut Guy	8200168	1.000	Ea
2400	Traf Loop	8200170	1.000	Ea
2410	Loop Detector, Rem	8200173	1.000	Ea
2420	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
2430	TS, 4th Level Arrow, Rem	8200176	1.000	Ea
2440	TS, Mast Arm Mtd, Rem	8200177	1.000	Ea
2450	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
2460	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
2470	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea

2480	TS, Span Wire Mtd, Rem	8200182	1.000	Ea
2490	Cabinet, Salv	8200183	1.000	Ea
2500	Cabinet, Rem	8200184	1.000	Ea
2510	Pedestrian Signal System, Accessible	8200240	1.000	Ea
2520	Pedestrian Signal System, Accessible, Rem	8200241	1.000	Ea
2530	Warning Sign	8200260	1.000	Ea
2540	Warning Sign, Rem	8200261	1.000	Ea
2550	TS, Wireless Link, 5 Gigahertz, Master	8200274	1.000	Ea
2560	TS, Wireless Link, 5 Gigahertz, Remote	8200275	1.000	Ea
2570	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	1.000	Ea
2580	TS, Two Way Span Wire Mtd, One Sect (LED)	8200291	1.000	Ea
2590	TS, Three Way Span Wire Mtd, One Sect (LED)	8200292	1.000	Ea
2600	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	1.000	Ea
2610	TS, One Way Mast Arm Mtd, RTGA (LED)	8200301	1.000	Ea
2620	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	1.000	Ea
2630	TS, One Way Span Wire Mtd (LED), Optic	8200306	1.000	Ea
2640	TS, One Way Span Wire Mtd (LED)	8200313	1.000	Ea
2650	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
2660	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
2670	TS, One Way Span Wire Mtd, LTGA (LED)	8200316	1.000	Ea
2680	TS, One Way Span Wire Mtd, RTGA (LED)	8200318	1.000	Ea
2690	TS, One Way Span Wire Mtd, STGA (LED)	8200320	1.000	Ea
2700	TS, Two Way Span Wire Mtd (LED)	8200322	1.000	Ea
2710	TS, Two Way Span Wire Mtd, Five Sect (LED)	8200324	1.000	Ea
2720	TS, Three Way Span Wire Mtd (LED)	8200325	1.000	Ea
2730	TS, Four Way Span Wire Mtd (LED)	8200327	1.000	Ea
2740	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
2750	TS, 4th Level, RTGA (LED)	8200331	1.000	Ea
2760	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
2770	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	1.000	Ea
2780	TS, Two Way Bracket Arm Mtd (LED)	8200335	1.000	Ea
2790	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
2800	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
2810	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
2820	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
2830	TS, Lens, Pedestrian, Sym (LED)	8200354	1.000	Ea
2840	TS, One Way Mast Arm Mtd (LED)	8200359	1.000	Ea
2850	TS, Two Way Mast Arm Mtd (LED)	8200361	1.000	Ea
2860	TS, Antenna	8200367	1.000	Ea
2870	TS, Antenna, Rem	8200368	1.000	Ea
2880	TS, Antenna, Salv	8200369	1.000	Ea
2890	Sign Optical, Rem	8200372	1.000	Ea

2900	Sign Optical, (LED)	8200373	1.000	Ea
2910	Bracket, Truss, With 6 Foot Arm	8200374	1.000	Ea
2920	Bracket, Truss, With 9 Foot Arm	8200375	1.000	Ea
2930	Bracket, Truss, With 12 Foot Arm	8200376	1.000	Ea
2940	Bracket, Truss, With 15 Foot Arm	8200377	1.000	Ea
2950	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
2960	Video Traf Detection System	8200380	1.000	Ea
2970	Video Traf Detection Camera	8200381	1.000	Ea
2980	Video Traf Detection System, Rem	8200383	1.000	Ea
2990	Video Traf Detection Camera, Rem	8200384	1.000	Ea
3000	Bracket, Truss, Salv	8200385	1.000	Ea
3010	Bracket, Truss, Rem	8200388	1.000	Ea
3020	Wireless Intercn, Closed Loop, Salv	8200389	1.000	Ea
3030	Wireless Intercn, Closed Loop, Master	8200393	1.000	Ea
3040	Wireless Intercn, Closed Loop, Repeater	8200394	1.000	Ea
3050	Wireless Intercn, Closed Loop, Remote	8200395	1.000	Ea
3060	Wireless Intercn, Closed Loop, Rem	8200396	1.000	Ea
3070	Emergency Pre-emption, Rem	8200415	1.000	Ea
3080	Emergency Pre-emption, Salv	8200416	1.000	Ea
3090	Wireless Repeater, Rem	8200418	1.000	Ea
3100	Wireless Repeater, Salv	8200419	1.000	Ea
3110	Wireless Repeater	8200421	1.000	Ea
3120	Wireless Vehicle Detection System	8200422	1.000	Ea
3130	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
3140	Wireless Vehicle Detection System, Salv	8200424	1.000	Ea
3150	Wireless Vehicle Sensor Node	8200425	1.000	Ea
3160	Wireless Vehicle Sensor Node, Rem	8200426	1.000	Ea
3170	Wireless Vehicle Sensor Node, Salv	8200427	1.000	Ea
3180	Case Sign, Four Way, 24 inch by 30 inch, Non-Illuminated	8200430	1.000	Ea
3190	Case Sign, Non-Illuminated, Salv	8200431	1.000	Ea
3200	Case Sign, Non-Illuminated, Rem	8200432	1.000	Ea
3210	Case Sign, One Way, 12 inch by 27 inch, Non-Illuminated	8200433	1.000	Ea
3220	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	1.000	Ea
3230	Case Sign, Two Way, 24 inch by 30 inch, Non-Illuminated	8200435	1.000	Ea
3240	Case Sign, Two Way, 36 inch by 36 inch, Non-Illuminated	8200436	1.000	Ea
3250	Hemispherical Video Detection Camera	8200444	1.000	Ea
3260	Hemispherical Video Detection System	8200445	1.000	Ea
3270	Hemispherical Video Detection Camera, Rem	8200446	1.000	Ea
3280	Hemispherical Video Detection System, Rem	8200447	1.000	Ea
3290	Hemispherical Video Detection Camera, Salv	8200448	1.000	Ea
3300	Hemispherical Video Detection System, Salv	8200449	1.000	Ea
3310	TS, Bag	8200450	1.000	Ea



3320	TS, Bag, Rem	8200451	1.000	Ea
3330	TS Head, Adj	8200452	1.000	Ea
3340	TS Head, Temp	8200453	1.000	Ea
3350	Junction Box, Span Wire	8200456	1.000	Ea
3360	Junction Box, Rem	8200457	1.000	Ea
3370	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
3380	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
3390	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
3400	Strain Pole Fdn, 6 Bolt	8200470	1.000	Ft
3410	Casing	8200480	1.000	Ft
3420	Wireless Intercn, Sign Mtd Flasher, Master	8200490	1.000	Ea
3430	Wireless Intercn, Sign Mtd Flasher, Repeater	8200491	1.000	Ea
3440	Wireless Intercn, Sign Mtd Flasher, Remote	8200492	1.000	Ea
3450	Wireless Intercn, Sign Mtd Flasher, Solar Power, Master	8200493	1.000	Ea
3460	Wireless Intercn, Sign Mtd Flasher, Solar Power, Repeater	8200494	1.000	Ea
3470	Wireless Intercn, Sign Mtd Flasher, Solar Power, Remote	8200495	1.000	Ea
3480	Wireless Intercn, Sign Mtd Flasher, Rem	8200496	1.000	Ea
3490	Wireless Intercn, Sign Mtd Flasher, Salv	8200497	1.000	Ea
3500	Cellular Modem, TS, 4G	8200498	1.000	Ea
3510	TS Uninterruptible Power System	8200500	1.000	Ea
3520	Backplate, TS	8200501	1.000	Ea
3530	Radar Vehicle Presence Stop-Bar Detector System	8200510	1.000	Ea
3540	Radar Vehicle Presence Stop-Bar Detector System, Rem	8200511	1.000	Ea
3550	Radar Vehicle Presence Stop-Bar Detector System, Salv	8200512	1.000	Ea
3560	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	1.000	Ea
3570	Radar Vehicle Presence Stop-Bar Detector Sensor, Rem	8200514	1.000	Ea
3580	Radar Vehicle Presence Stop-Bar Detector Sensor, Salv	8200515	1.000	Ea
3590	Radar Vehicle Dilemma Zone Detector System	8200520	1.000	Ea
3600	Radar Vehicle Dilemma Zone Detector System, Rem	8200521	1.000	Ea
3610	Radar Vehicle Dilemma Zone Detector System, Salv	8200522	1.000	Ea
3620	Radar Vehicle Dilemma Zone Detector Sensor	8200523	1.000	Ea
3630	Radar Vehicle Dilemma Zone Detector Sensor, Rem	8200524	1.000	Ea
3640	Radar Vehicle Dilemma Zone Detector Sensor, Salv	8200525	1.000	Ea
3650	_ Pedestal Painting	8207050	1.000	Ea
3660	_ St Name Sign, One Way, (LED), 10 Ft	8207050	1.000	Ea
3670	_ St Name Sign, One Way, (LED), 6 Ft	8207050	1.000	Ea
3680	_ St Name Sign, One Way, (LED), 8 Ft	8207050	1.000	Ea
3690	_ St Name Sign, Two Way, (LED), 10 Ft	8207050	1.000	Ea
3700	_ St Name Sign, Two Way, (LED), 6 Ft	8207050	1.000	Ea
3710	_ St Name Sign, Two Way, (LED), 8 Ft	8207050	1.000	Ea

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3720	_ Street Name Sign Bracket Arm, 10 Ft	8207050	1.000	Ea
3730	_ Street Name Sign Bracket Arm, 8 Ft	8207050	1.000	Ea
3740	_ TS, Managed Field Ethernet Switch, Rem	8207050	1.000	Ea
3750	_ TS, Managed Field Ethernet Switch, Salv	8207050	1.000	Ea
3760	_ TS, Wireless Link, Rem	8207050	1.000	Ea
3770	_ TS, Wireless Link, Salv	8207050	1.000	Ea
3780	Hydrant, Rem	8230091	1.000	Ea
3790	Hydrant, Relocate, Case 1	8230095	1.000	Ea
3800	Hydrant, Relocate, Case 2	8230096	1.000	Ea
3810	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3820	_ Managed Field Ethernet Switch, Fiber Capable	8267050	1.000	Ea

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## Schedule of Pay Items

Report v1

Letting Call: 180718 602

Letting Date: July 18, 2018

Contract ID: 56000-129761

Description: 1.81 mi of hot mix asphalt cold milling and resurfacing, geosynthetic paving layer and aggregate shoulders on Saginaw Road from Waldo Road to the east Midland county line and on Waldo Road north of Monroe Road, Midland County. This project will be constructed using an innovative contracting method. See Notice to Bidders for Fixed Price-Variable Scope Contracting. This is a Local Agency Project.

## Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129761A	1800824	N/A	STUL 56000

## List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,100.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	500.000	Ft
0030	Shoulder, CI II	3070121	888.000	Ton
0040	_ Geosynthetic Paving Interlayer, Fiberglass Reinf	3087011	24,955.000	Syd
0050	Cold Milling HMA Surface	5010002	31,522.000	Syd
0060	HMA, 5E1	5010056	2,853.000	Ton
0070	HMA Approach	5010061	160.000	Ton
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	764.000	Ft
0120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	764.000	Ft
0130	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0140	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Slope Restoration, Type B	8160101	6,363.000	Syd
0190	Monument Box	8210001	1.000	Ea
0200	Monument Box Adjust	8210005	1.000	Ea
0210	_ Tack Coat, PG 64-28 Asphalt	8507022	9,983.000	Gal



## Schedule of Pay Items

Report v1

Letting Call: 180718 603

Letting Date: July 18, 2018

Contract ID: 52000-202213-2

Description: Up to 219.71 Lnmi of hot mix asphalt crack treatment and overband crack filling on various state trunkline routes, Baraga, Gogebic, Houghton, Keweenaw, Marquette and Ontonagon Counties. This project will be constructed with an innovative contracting method, Fixed Price Variable Scope. This project includes a 2 year pavement performance warranty.

## Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202213A	1800656	N/A	NH 52000

## List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,000.00	1500001	1.000	LSUM
Section: 2				
0020	_ Priority 01, HMA Crack Treatment, Lane, Warranty	5027004	2.800	Lnmi
0030	_ Priority 02, HMA Crack Treatment, Lane, Warranty	5027004	11.680	Lnmi
0040	_ Priority 03, HMA Crack Treatment, Lane, Warranty	5027004	2.670	Lnmi
0050	_ Priority 04, HMA Crack Treatment, Lane, Warranty	5027004	8.040	Lnmi
0060	_ Priority 05, HMA Crack Treatment, Lane, Warranty	5027004	5.380	Lnmi
0070	_ Priority 06, HMA Crack Treatment, Lane, Warranty	5027004	3.080	Lnmi
0080	_ Priority 07, Overband Crack Fill, Lane	5027004	3.630	Lnmi
0090	_ Priority 08, Overband Crack Fill, Lane	5027004	6.280	Lnmi
0100	_ Priority 09, Overband Crack Fill, Lane	5027004	4.330	Lnmi
0110	_ Priority 10, Overband Crack Fill, Lane	5027004	6.490	Lnmi
0120	_ Priority 11, Overband Crack Fill, Lane	5027004	8.040	Lnmi
0130	_ Priority 12, Overband Crack Fill, Lane	5027004	8.210	Lnmi
0140	_ Priority 13, Overband Crack Fill, Lane	5027004	17.330	Lnmi
0150	_ Priority 14, Overband Crack Fill, Lane	5027004	11.310	Lnmi
0160	_ Priority 15, Overband Crack Fill, Lane	5027004	34.180	Lnmi
0170	_ Priority 16, Overband Crack Fill, Lane	5027004	10.610	Lnmi
0180	_ Priority 17, Overband Crack Fill, Lane	5027004	12.500	Lnmi
0190	_ Priority 18, Overband Crack Fill, Lane	5027004	23.980	Lnmi
0200	_ Priority 19, Overband Crack Fill, Lane	5027004	7.220	Lnmi
0210	_ Priority 20, Overband Crack Fill, Lane	5027004	19.200	Lnmi
0220	_ Priority 21, Overband Crack Fill, Lane	5027004	12.340	Lnmi
0230	_ Priority 22, Overband Crack Fill, Lane	5027004	0.410	Lnmi