



1/26/2018 9:17 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 001

Letting Date: March 2, 2018

Contract ID: 21000-129354

Description: Removal and replacement of pier foundation and superstructure with prestressed concrete I-beams, hot mix asphalt surfacing, concrete curb, gutter, and culvert, drainage, guardrail, cofferdam, approach work and pavement markings on County Road 430 over the Escanaba River, Delta County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129354A	1800219	N/A	BO 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$151,600.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Guardrail, Rem	2040035	297.000	Ft
0040	Embankment, CIP	2050010	260.000	Cyd
0050	Excavation, Earth	2050016	3,468.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0070	Erosion Control, Silt Fence	2080036	1,470.000	Ft
0080	Subbase, CIP	3010002	937.000	Cyd
0090	Aggregate Base	3020001	83.000	Ton
0100	Aggregate Base, 8 inch	3020020	2,811.000	Syd
0110	Aggregate Base, 9 inch	3020022	15.000	Syd
0120	Aggregate Base, 12 inch	3020030	18.000	Syd
0130	Approach, CI II	3070021	31.000	Ton
0140	Shoulder, CI II, 3 inch	3070125	686.000	Syd
0150	Culv, CI F, 18 inch	4010609	80.000	Ft
0160	Dr Marker Post	4011109	10.000	Ea
0170	HMA Surface, Rem	5010005	1,929.000	Syd
0180	HMA, LVSP	5010703	359.000	Ton
0190	Curb and Gutter, Bridge Approach	8020010	48.000	Ft
0200	Guardrail, Type B	8070000	200.000	Ft
0210	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0220	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0230	Guardrail Reflector	8070080	32.000	Ea
0240	Post, Mailbox	8070095	1.000	Ea
0250	Delineator Reflector, White (Green)	8100134	4.000	Ea
0260	Post, Flexible, Delineator	8100360	4.000	Ea
0270	Post, Steel, 3 lb	8100371	96.000	Ft

0280	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0290	Sign, Type I, Rem	8100391	2.000	Ea
0300	Sign, Type IIIB	8100405	12.000	Sft
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,900.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	950.000	Ft
0330	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0340	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	195.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	195.000	Sft
0400	Riprap, Heavy	8130005	36.000	Syd
0410	Riprap, Plain	8130010	36.000	Syd
0420	_ Slope Restoration, Modified	8167011	2,015.000	Syd

Section: 2

0430	Structures, Rem Portions	2040061	1.000	LSUM
0440	Excavation, Rock Fdn	2060011	13.000	Cyd
0450	Erosion Control, Turbidity Curtain, Shallow	2080044	30.000	Ft
0460	Underdrain, Fdn, 4 inch	4040031	200.000	Ft
0470	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0480	Cofferdams (2122)	7040007	1.000	LSUM
0490	Conc, Grade D	7060010	23.000	Cyd
0500	Conc, Grade T	7060013	13.000	Cyd
0510	Expansion Joint Device	7060050	70.000	Ft
0520	False Decking	7060060	7,201.000	Sft
0530	Reinforcement, Steel, Epoxy Coated	7060092	84,444.000	Lb
0540	Substructure Conc	7060100	80.000	Cyd
0550	Superstructure Conc	7060110	299.000	Cyd
0560	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0570	Bearing, Elastomeric, 2 3/4 inch	7070019	6,354.000	Sin
0580	Structural Steel, Plate, Erect	7070060	2,901.000	Lb
0590	Structural Steel, Plate, Furn and Fab	7070061	2,901.000	Lb
0600	Structural Steel, Rolled Shape, Erect	7070070	5,670.000	Lb
0610	Structural Steel, Rolled Shape, Furn and Fab	7070071	5,670.000	Lb
0620	Prest Conc I Beam, Furn, 54 inch	7080033	983.000	Ft
0630	Prest Conc I Beam, Erect, 54 inch	7080034	983.000	Ft
0640	Bridge Railing, 2 Tube	7110008	421.000	Ft
0650	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	228.000	Ea
0660	Drain Casting, Type 1	7170001	4.000	Ea
0670	Drain Casting Assembly	7170010	4.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 002

Letting Date: March 2, 2018

Contract ID: 82000-202238

Description: Traffic signal modernization and concrete sidewalk and ramps in 18 locations on Fenkell Street from Wyoming Avenue to Riverview Street 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
202238A	1800201	N/A	CMG 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$131,400.00	1500001	1.000	LSUM
0020	Curb, Rem	2040021	500.000	Ft
0030	Sidewalk, Rem	2040055	800.000	Syd
0040	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0050	_ Hh, Clean	8007050	4.000	Ea
0060	Curb and Gutter, Conc, Det C4	8020023	500.000	Ft
0070	Detectable Warning Surface	8030010	125.000	Ft
0080	Sidewalk Ramp, Conc, 6 inch	8030036	3,000.000	Sft
0090	Sidewalk, Conc, 4 inch	8030044	3,403.000	Sft
0100	Sidewalk, Conc, 6 inch	8030046	900.000	Sft
0110	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	1,566.000	Ft
0120	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	1,252.000	Ft
0130	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	465.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Mobile Attenuator	8120180	4.000	Ea
0200	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	240.000	Ft
0210	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	1,480.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,480.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	Cable Pole, TS, Dismant	8190010	9.000	Ea

0270	Cable, Sec, Rem	8190017	900.000	Ft
0280	Hh, Round	8190260	10.000	Ea
0290	Light Std Arm, Install Salv	8190276	3.000	Ea
0300	Light Std Arm, Rem and Salv	8190278	1.000	Ea
0310	Luminaire, Install Salv	8190350	3.000	Ea
0320	Luminaire, Rem	8190360	2.000	Ea
0330	Luminaire, Rem and Salv	8190365	1.000	Ea
0340	Cable, Sec, 600V, 1, 3/C#6	8190399	1,400.000	Ft
0350	Wood Pole, Cl 4, 30 foot	8190471	6.000	Ea
0360	Wood Pole, Fit Up, TS Cable Pole	8190501	4.000	Ea
0370	Wood Pole, Rem	8190505	17.000	Ea
0380	_ Conduit, Encased, 2, 3 inch, Modified	8197001	183.000	Ft
0390	_ Conduit, Encased, 3, 4 inch, Modified	8197001	205.000	Ft
0400	Anchor Guy	8200001	6.000	Ea
0410	Case Sign, Rem	8200020	4.000	Ea
0420	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea
0430	Controller and Cabinet, Rem	8200030	18.000	Ea
0440	Controller Fdn, Base Mount	8200045	14.000	Ea
0450	Controller Fdn, Rem	8200046	5.000	Ea
0460	Fdn, Rem	8200065	2.000	Ea
0470	Pedestal Fdn, Rem	8200106	23.000	Ea
0480	Pedestal, Rem	8200110	22.000	Ea
0490	Pushbutton and Sign	8200121	12.000	Ea
0500	Pushbutton, Rem	8200122	1.000	Ea
0510	Serv Disconnect	8200135	14.000	Ea
0520	Span Wire	8200140	51.000	Ea
0530	Span Wire, Rem	8200141	39.000	Ea
0540	Steel Pole, Rem	8200145	2.000	Ea
0550	Strain Pole, Steel, Anchor Base, 30 foot	8200155	33.000	Ea
0560	Strain Pole, Steel, Anchor Fdn	8200165	33.000	Ea
0570	Guy, Rem	8200167	20.000	Ea
0580	Strut Guy	8200168	3.000	Ea
0590	TS, Bracket Arm Mtd, Rem	8200175	7.000	Ea
0600	TS, Pedestal Mtd, Rem	8200179	7.000	Ea
0610	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	50.000	Ea
0620	TS, Pedestrian, Pedestal Mtd, Rem	8200181	21.000	Ea
0630	TS, Span Wire Mtd, Rem	8200182	49.000	Ea
0640	TS, One Way Span Wire Mtd (LED)	8200313	75.000	Ea
0650	TS, One Way Span Wire Mtd, FYA (LED)	8200314	12.000	Ea
0660	TS, Two Way Span Wire Mtd (LED)	8200322	6.000	Ea
0670	TS, Three Way Span Wire Mtd (LED)	8200325	9.000	Ea
0680	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0690	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	6.000	Ea
0700	TS, Pedestrian, Two Way Bracket Arm Mtd (LED)	8200339	52.000	Ea

	Countdown			
0710	Bracket, Truss, With 18 Foot Arm	8200378	5.000	Ea
0720	Casing	8200480	200.000	Ft
0730	_ Antenna, Spectrum	8207050	4.000	Ea
0740	_ Cellular Data Service for 2 Year	8207050	10.000	Ea
0750	_ Cellular Data Streaming for 2 hour per month and for 2 Year	8207050	5.000	Ea
0760	_ Controller and Cabinet, Digital Type, ITS	8207050	14.000	Ea
0770	_ Field Switch, 10/100/1000 Base T	8207050	14.000	Ea
0780	_ Louvered Backplate	8207050	82.000	Ea
0790	_ Pedestal Alum, Modified	8207050	1.000	Ea
0800	_ Pedestal Fdn, Modified	8207050	1.000	Ea
0810	_ Steel Pole, Paint	8207050	8.000	Ea
0820	_ Video Capture and Streaming System	8207050	5.000	Ea
0830	_ Video Detection and Analytics System	8207050	5.000	Ea
0840	_ Wireless Data Acquisition and Alerts System, Salv	8207050	4.000	Ea
0850	_ Wireless Data Acquisition, Alerts and Analytics System	8207050	10.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 003

Letting Date: March 2, 2018

Contract ID: 55555-129709

Description: 1.31 mi of hot mix asphalt reconstruction, backfill swamp, earth excavation, subbase, aggregate base, box culvert, guardrail and pavement markings on County Road 360 from M-2 Road to No. 25.5 Road, Menominee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129709A	1800204	N/A	STL 55555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$110,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.260	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0060	Backfill, Swamp	2050001	7,820.000	Cyd
0070	Embankment, CIP	2050010	1,561.000	Cyd
0080	Excavation, Earth	2050016	13,395.000	Cyd
0090	Excavation, Peat	2050017	7,820.000	Cyd
0100	Backfill, Structure, CIP	2060002	274.000	Cyd
0110	Excavation, Fdn	2060010	560.000	Cyd
0120	Erosion Control, Check Dam, Stone	2080012	400.000	Ft
0130	Erosion Control, Maintenance, Sediment Removal	2080026	1.000	Cyd
0140	Erosion Control, Silt Fence	2080036	4,000.000	Ft
0150	Subbase, CIP	3010002	9,470.000	Cyd
0160	Aggregate Base, 8 inch	3020020	21,721.000	Syd
0170	Approach, CI I, 6 inch	3070008	1,176.000	Syd
0180	Approach, CI II	3070021	97.000	Ton
0190	Shoulder, CI II, 3 inch	3070125	4,573.000	Syd
0200	_ Biaxial Geogrid	3087011	10,489.000	Syd
0210	Culv, CI A, 18 inch	4010133	130.000	Ft
0220	Culv, CI A, 24 inch	4010134	100.000	Ft
0230	Culv, CI F, 12 inch	4010607	278.000	Ft
0240	Dr Marker Post	4011109	10.000	Ea
0250	Video Taping Sewer and Culv Pipe	4021275	230.000	Ft
0260	Culv Bedding, Box Culv	4060005	40.000	Cyd
0270	_ Culv, Precast Conc Box, 12 foot by 6 foot, Modified	4067001	42.000	Ft

0280	HMA Surface, Rem	5010005	17,607.000	Syd
0290	HMA Approach	5010061	201.000	Ton
0300	HMA, LVSP	5010703	2,884.000	Ton
0310	Curb Sloped, HMA	8050010	950.000	Ft
0320	Guardrail, Type B	8070000	413.000	Ft
0330	Guardrail, Backed, Det G2	8070016	2.000	Ea
0340	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0350	Guardrail Reflector	8070080	28.000	Ea
0360	Post, Mailbox	8070095	1.000	Ea
0370	Post, Steel, 3 lb	8100371	140.000	Ft
0380	Sign, Type III, Rem	8100403	11.000	Ea
0390	Sign, Type IIIA	8100404	32.000	Sft
0400	Sign, Type IIIB	8100405	25.000	Sft
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,500.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,000.000	Ft
0430	Witness, Log, \$1,000.00	8110350	1.000	Dlr
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	140.000	Ft
0480	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0490	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	221.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	221.000	Sft
0520	Traf Regulator Control	8120370	1.000	LSUM
0530	Riprap, Heavy	8130005	30.000	Syd
0540	Riprap, Plain	8130010	283.000	Syd
0550	Topsoil Surface, Salv, 4 inch	8160077	26,000.000	Syd
0560	Slope Restoration, Type A	8160100	24,280.000	Syd
0570	Slope Restoration, Type C	8160102	1,418.000	Syd
0580	Slope Restoration, Type D	8160103	300.000	Syd
0590	Monument Box	8210001	3.000	Ea
0600	Monument Preservation	8210010	3.000	Ea
0610	Contractor Staking	8240001	1.000	LSUM
0620	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0630	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0640	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 180302 004

Letting Date: March 2, 2018

Contract ID: 79555-127977

Description: Bridge replacement, prestressed concrete beam, concrete curb, gutter, culvert, drainage, guardrail, steel piles, cofferdam, approach work and pavement markings on Bay City Forestville Road at the Wiscoggin Drain, Tuscola County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127977A	1800147	N/A	STL 79555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,900.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	2.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Guardrail, Rem	2040035	363.000	Ft
0050	Embankment, CIP	2050010	180.000	Cyd
0060	Excavation, Earth	2050016	890.000	Cyd
0070	Erosion Control, Filter Bag	2080014	2.000	Ea
0080	Erosion Control, Silt Fence	2080036	700.000	Ft
0090	Erosion Control, Turbidity Curtain, Deep	2080042	200.000	Ft
0100	Subbase, CIP	3010002	545.000	Cyd
0110	Aggregate Base	3020001	685.000	Ton
0120	Approach, CI II	3070021	35.000	Ton
0130	Shoulder, CI II	3070121	35.000	Ton
0140	Culv End Sect, Metal, 18 inch	4010096	1.000	Ea
0150	Culv, CI F, CSP, 18 inch	4010677	71.000	Ft
0160	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0170	Dr Structure Cover, Type Q	4030065	1.000	Ea
0180	Underdrain, Subbase, 6 inch	4040063	162.000	Ft
0190	HMA Surface, Rem	5010005	920.000	Syd
0200	Hand Patching	5010025	3.000	Ton
0210	HMA, 13A	5010033	210.000	Ton
0220	Conc Pavt, Bridge Approach, Reinf	6020600	71.000	Syd
0230	_ Curb and Gutter, Bridge Approach, Modified	8027001	152.000	Ft
0240	Guardrail, Type B	8070000	100.000	Ft
0250	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0260	Guardrail Anch, Bridge, Det T2	8070023	3.000	Ea
0270	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea

0280	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0290	Guardrail Reflector	8070080	20.000	Ea
0300	Post, Mailbox	8070095	1.000	Ea
0310	_ Installing Guardrail Posts Through HMA	8077050	32.000	Ea
0320	Delineator Reflector, Red	8100131	12.000	Ea
0330	Post, Rigid, Delineator	8100361	6.000	Ea
0340	Post, Steel, 3 lb	8100371	75.000	Ft
0350	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0360	Sign, Type III, Rem	8100403	4.000	Ea
0370	Sign, Type IIIB	8100405	17.000	Sft
0380	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	850.000	Ft
0390	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	743.000	Ft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	72.000	Ft
0440	Sign Cover	8120310	36.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	564.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	564.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0490	_ Riprap, Plain, Modified	8137011	20.000	Syd
0500	_ Slope Restoration, Modified	8167011	725.000	Syd

Section: 2

0510	Structures, Rem	2040060	1.000	LSUM
0520	Excavation, Channel	2050015	190.000	Cyd
0530	Backfill, Structure, CIP	2060002	530.000	Cyd
0540	Excavation, Fdn	2060010	2,530.000	Cyd
0550	_ Aggregate Mud Mat	2067021	40.000	Cyd
0560	Underdrain, Fdn, 6 inch	4040033	300.000	Ft
0570	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0580	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0590	Cofferdams	7040007	1.000	LSUM
0600	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0610	Pile, Steel, Furn and Driven, 12 inch	7050030	1,850.000	Ft
0620	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0630	Pile Point, Steel	7050039	30.000	Ea
0640	Pile, Steel, Splice	7050050	47.000	Ea
0650	Conc, Grade D	7060010	13.000	Cyd
0660	Expansion Joint Device	7060050	42.000	Ft
0670	False Decking	7060060	2,970.000	Sft
0680	Reinforcement, Steel, Epoxy Coated	7060092	41,005.000	Lb

0690	Substructure Conc	7060100	190.000	Cyd
0700	Superstructure Conc	7060110	142.000	Cyd
0710	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0720	Water Repellent Treatment, Penetrating	7060140	37.000	Syd
0730	Bearing, Elastomeric, 1 1/4 inch	7070013	3,458.000	Sin
0740	Prest Conc I Beam, Furn, 45 inch	7080029	494.000	Ft
0750	Prest Conc I Beam, Erect, 45 inch	7080030	494.000	Ft
0760	Joint Waterproofing	7100001	265.000	Sft
0770	Bridge Railing, 4 Tube	7110010	122.000	Ft
0780	Epoxy Ovly	7120020	480.000	Syd
0790	_ Riprap, Heavy, Modified	8137011	560.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 005

Letting Date: March 2, 2018

Contract ID: 58000-129376

Description: Penetrating healer/sealer, pavement repairs and pavement markings on multiple structures, Monroe County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129376A	1800212	N/A	BHT 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,260.000	Ft
0020	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,898.000	Ft
0030	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,260.000	Ft
0040	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,898.000	Ft
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0070	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0080	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	7,658.000	Ft
0110	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	48.000	Ft
0120	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	48.000	Ft
0130	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	4,000.000	Ft
0140	Plastic Drum, High Intensity, Furn	8120250	170.000	Ea
0150	Plastic Drum, High Intensity, Oper	8120251	170.000	Ea
0160	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0170	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	1,782.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	1,782.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0210	TS, Temp, Furn	8120400	4.000	Ea
0220	TS, Temp, Oper	8120401	4.000	Ea

Section: 2

0230	Mobilization, Max \$37,100.00	1500001	1.000	LSUM
0240	False Decking	7060060	11,445.000	Sft
0250	Reinforcement, Steel, Epoxy Coated	7060092	156.000	Lb

0260	Penetrating Healer/Sealer, Bridge Deck	7100025	5,634.000	Syd
0270	Hand Chipping, Deep	7120004	17.000	Syd
0280	Patching Conc, C-L	7120112	2.000	Cyd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 006

Letting Date: March 2, 2018

Contract ID: 02555-129734

Description: 0.32 mi of hot mix asphalt crushing and shaping, sewers, earth excavation, subbase and aggregate base on Old US-41 south of M-67, Alger County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129734A	1800012	N/A	STL 02555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$32,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	4.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	162.000	Ft
0040	Sidewalk, Rem	2040055	1,125.000	Syd
0050	Excavation, Earth	2050016	3,206.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0070	Erosion Control, Silt Fence	2080036	300.000	Ft
0080	Subbase, CIP	3010002	1,469.000	Cyd
0090	Aggregate Base, 6 inch	3020016	3,574.000	Syd
0100	HMA Base Crushing and Shaping	3050002	2,745.000	Syd
0110	Maintenance Gravel, LM	3060021	50.000	Cyd
0120	Approach, CI I, 6 inch	3070008	357.000	Syd
0130	Approach, CI II	3070021	76.000	Ton
0140	Shoulder, CI I	3070101	121.000	Ton
0150	Shoulder, CI I, 4 inch	3070106	379.000	Syd
0160	Trenching	3070200	19.000	Sta
0170	Culv, CI F, 12 inch	4010607	40.000	Ft
0180	Sewer, CI A, 12 inch, Tr Det B	4020033	324.000	Ft
0190	Sewer, CI A, 15 inch, Tr Det B	4020034	214.000	Ft
0200	Video Taping Sewer and Culv Pipe	4021275	538.000	Ft
0210	Dr Structure Cover, Type E	4030035	4.000	Ea
0220	Dr Structure Cover, Type K	4030050	4.000	Ea
0230	Dr Structure, 24 inch dia	4030200	4.000	Ea
0240	Dr Structure, 48 inch dia	4030210	3.000	Ea
0250	Dr Structure, Cleaning	4030290	1.000	Ea
0260	Dr Structure, Tap, 4 inch	4030304	4.000	Ea
0270	Dr Structure, Tap, 15 inch	4030315	3.000	Ea
0280	Underdrain, Subbase, 4 inch	4040061	1,466.000	Ft

0290	HMA Surface, Rem	5010005	4,892.000	Syd
0300	Hand Patching	5010025	12.000	Ton
0310	HMA Approach	5010061	89.000	Ton
0320	HMA, LVSP	5010703	900.000	Ton
0330	Curb and Gutter, Conc, Det F2	8020036	1,467.000	Ft
0340	Detectable Warning Surface	8030010	20.000	Ft
0350	Sidewalk Ramp, Conc, 6 inch	8030036	140.000	Sft
0360	Sidewalk, Conc, 4 inch	8030044	8,986.000	Sft
0370	Sidewalk, Conc, 6 inch	8030046	1,172.000	Sft
0380	Steps, Conc	8030100	1.000	Cyd
0390	Sign, Type I, Erect, Salv	8100390	3.000	Ea
0400	Sign, Type I, Rem	8100391	3.000	Ea
0410	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	44.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,900.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,752.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0460	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	476.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	476.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0540	Slope Restoration, Type A	8160100	1,800.000	Syd
0550	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
0560	Water Shutoff, Adj, Case 2	8230422	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180302 007

Letting Date: March 2, 2018

Contract ID: 68000-200275

Description: 0.01 mi of hot mix asphalt crushing, shaping and resurfacing, rumble strips, signing and pavement markings on Red Oak Road (County Road 489) at Miller Road (County Road 608), Oscoda County.
This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200275A	1800208	N/A	HRRR 68000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	255.000	Ft
0030	Embankment, CIP	2050010	1,530.000	Cyd
0040	Excavation, Earth	2050016	250.000	Cyd
0050	_ Aggregate Base, Modified	3027031	2,317.000	Ton
0060	HMA Base Crushing and Shaping	3050002	9,289.000	Syd
0070	Approach, CI II	3070021	59.000	Ton
0080	_ Shoulder, CI II, Modified	3077031	208.000	Ton
0090	HMA, 13A	5010033	809.000	Ton
0100	HMA Approach	5010061	425.000	Ton
0110	Curb and Gutter, Conc, Det B2	8020016	310.000	Ft
0120	Fdn, Wood Support, Rem	8100280	15.000	Ea
0130	Post, Wood, 4 inch by 6 inch	8100380	416.000	Ft
0140	Sign, Type IIA	8100398	25.000	Sft
0150	Sign, Type IIB	8100399	61.000	Sft
0160	Sign, Type IIIA	8100404	36.000	Sft
0170	Sign, Type IIIB	8100405	70.000	Sft
0180	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0190	_ Sign, Type II, Rem, Modified	8107050	4.000	Ea
0200	_ Sign, Type III, Rem, Modified	8107050	11.000	Ea
0210	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	44.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,367.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,300.000	Ft
0240	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0250	Protective Ovly, Snowmobile Trail Crossing	8110550	56.000	Syd
0260	_ Pavt Mrkg, Thermopl, Rumble Strip, Special	8117001	1,394.000	Ft
0270	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea

0280	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0290	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0300	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Slope Restoration, Type B	8160101	2,240.000	Syd
0390	Flsh Beacon, Solar Power	8200071	8.000	Ea
0400	Monument Box	8210001	1.000	Ea
0410	Monument Preservation	8210010	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180302 008

Letting Date: March 2, 2018

Contract ID: 75000-200279

Description: 1.46 mi of hot mix asphalt crushing and shaping, extend culverts, improve intersection sight distance and pavement markings on County Road 436 (H-42) from east of M-77 to east of the Schoolcraft east county line, Schoolcraft County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200279A	1800223	N/A	HRRR 75000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$75,800.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Embankment, CIP	2050010	959.000	Cyd
0060	Excavation, Earth	2050016	14,972.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	400.000	Ft
0090	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0100	Subbase, CIP	3010002	6,419.000	Cyd
0110	Aggregate Base, LM	3020002	948.000	Cyd
0120	Aggregate Base, 8 inch	3020020	17,463.000	Syd
0130	HMA Base Crushing and Shaping	3050002	9,052.000	Syd
0140	Approach, CI I, 6 inch	3070008	1,812.000	Syd
0150	Approach, CI II, LM	3070023	110.000	Cyd
0160	Shoulder, CI II, LM	3070123	609.000	Cyd
0170	Shoulder, CI II, 3 inch	3070125	4,956.000	Syd
0180	Culv, CI A, 24 inch	4010134	66.000	Ft
0190	Culv, CI F, 12 inch	4010607	196.000	Ft
0200	Video Taping Sewer and Culv Pipe	4021275	66.000	Ft
0210	HMA Surface, Rem	5010005	11,777.000	Syd
0220	HMA Approach	5010061	286.000	Ton
0230	HMA, LVSP	5010703	3,713.000	Ton
0240	Curb Sloped, HMA	8050010	1,700.000	Ft
0250	Post, Mailbox	8070095	9.000	Ea
0260	Post, Steel, 3 lb	8100371	168.000	Ft
0270	Sign, Type III, Rem	8100403	8.000	Ea

0280	Sign, Type IIIA	8100404	36.000	Sft
0290	Sign, Type IIIB	8100405	20.000	Sft
0300	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,300.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,200.000	Ft
0330	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0340	Recessing Pavt Mrkg, Longit	8110450	23,500.000	Ft
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	330.000	Ft
0390	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	461.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	461.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	Riprap, Plain	8130010	240.000	Syd
0450	Topsoil Surface, Salv, 4 inch	8160077	16,628.000	Syd
0460	Slope Restoration, Type A	8160100	15,478.000	Syd
0470	Slope Restoration, Type D	8160103	1,150.000	Syd
0480	Monument Box	8210001	3.000	Ea
0490	Monument Preservation	8210010	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180302 009

Letting Date: March 2, 2018

Contract ID: 49000-130387

Description: 8.50 mi of hot mix asphalt overlay, shoulders and pavement markings on 3 Mile Road from M-134 to Rockview Road, Mackinac County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130387A	1800237	N/A	STL 49555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$51,000.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	4,000.000	Ton
0030	_ HMA Ultra-thin Overlay	5017031	6,000.000	Ton
0040	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	89,760.000	Ft
0050	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	33,660.000	Ft
0060	Channelizing Device, 42 inch, Furn	8120030	80.000	Ea
0070	Channelizing Device, 42 inch, Oper	8120031	80.000	Ea
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 R, Tape, 4 inch, Yellow, Temp	8120246	3,600.000	Ft
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	530.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	530.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0150	Monument Box Adjust	8210005	15.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180302 010

Letting Date: March 2, 2018

Contract ID: 64000-200528

Description: 1.20 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulder and pavement marking on North Oceana Drive from the Pentwater River north to Lever Road, Oceana County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200528A	1800199	N/A	STL 64000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,100.00	1500001	1.000	LSUM
0020	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0030	Erosion Control, Silt Fence	2080036	300.000	Ft
0040	Aggregate Base, LM	3020002	200.000	Cyd
0050	_ HMA Base Crushing and Shaping, Modified	3057011	30,025.000	Syd
0060	Maintenance Gravel, LM	3060021	50.000	Cyd
0070	Approach, CI I, 6 inch	3070008	1,060.000	Syd
0080	Approach, CI II, 6 inch	3070028	1,040.000	Syd
0090	_ Shoulder, CI II, 4 inch, Modified	3077011	3,755.000	Syd
0100	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0110	Dr Structure, Temp Lowering	4030390	1.000	Ea
0120	HMA Surface, Rem	5010005	1,110.000	Syd
0130	HMA, 3C	5010031	3,195.000	Ton
0140	HMA, 5E1	5010056	3,195.000	Ton
0150	HMA Approach	5010061	205.000	Ton
0160	_ HMA Spillway	5017011	45.000	Syd
0170	Curb Sloped, HMA	8050010	3,280.000	Ft
0180	Post, Mailbox	8070095	15.000	Ea
0190	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	100.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,200.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	26,400.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0290	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	90.000	Sft
0300	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	90.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Riprap, Plain	8130010	20.000	Syd
0330	Mulch Blanket	8160027	250.000	Syd
0340	_ Surface Restoration	8167011	3,000.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180302 011

Letting Date: March 2, 2018

Contract ID: 25000-130833

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, trench widening, shoulders, culvert replacement and guardrail on Seymour Road from Baldwin Road north to Cook Road, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130833A	1800126	N/A	STL 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$61,800.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	26.000	Ea
0040	Fence, Rem	2040025	505.000	Ft
0050	Guardrail, Rem	2040035	445.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	15.000	Cyd
0070	_ Pavt, Rem, Modified	2047011	748.000	Syd
0080	Embankment, CIP	2050010	200.000	Cyd
0090	Excavation, Earth	2050016	3,000.000	Cyd
0100	_ Subgrade Undercutting, Type II, Modified	2057021	50.000	Cyd
0110	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0120	_ Aggregate Base, Modified	3027031	464.000	Ton
0130	_ Maintenance Gravel, Modified	3067031	100.000	Ton
0140	Trenching	3070200	103.000	Sta
0150	_ Approach, CI II, Modified	3077031	500.000	Ton
0160	_ Shoulder, CI II, Modified	3077031	1,313.000	Ton
0170	Culv, CI A, CSP, 24 inch	4010202	44.000	Ft
0180	Culv, CI A, CSP, 30 inch	4010203	41.000	Ft
0190	Culv, CI F, 12 inch	4010607	632.000	Ft
0200	Culv, CSP Arch, CI A, 42 inch by 29 inch	4010748	42.000	Ft
0210	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0220	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0230	Culv, Slp End Sect, Arch Pipe, 1 on 4, 42 inch by 29 inch, Transv	4010990	2.000	Ea
0240	Dr Marker Post	4011109	6.000	Ea
0250	Sewer, CI A, 12 inch, Tr Det B	4020033	40.000	Ft
0260	Dr Structure Cover, Type B	4030010	1.000	Ea
0270	Dr Structure, 48 inch dia	4030210	1.000	Ea

0280	Underdrain Outlet, 4 inch	4040091	50.000	Ft
0290	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0300	Cold Milling HMA Surface	5010002	12,990.000	Syd
0310	Hand Patching	5010025	47.000	Ton
0320	HMA, 13A	5010033	4,227.000	Ton
0330	HMA Approach	5010061	272.000	Ton
0340	_ HMA Residential Approach	5017011	250.000	Syd
0350	Guardrail, Type B	8070000	463.000	Ft
0360	Guardrail, Curved, Type B	8070010	50.000	Ft
0370	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0380	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0390	Guardrail Reflector	8070080	30.000	Ea
0400	Post, Mailbox	8070095	27.000	Ea
0410	Fence, Woven Wire with Steel Post	8080002	482.000	Ft
0420	Post, Steel, 3 lb	8100371	252.000	Ft
0430	Sign, Type III, Rem	8100403	14.000	Ea
0440	Sign, Type IIIA	8100404	13.000	Sft
0450	Sign, Type IIIB	8100405	81.000	Sft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	2.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,550.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,300.000	Ft
0500	Rem Spec Mrkg	8110343	242.000	Sft
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0530	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	100.000	Ft
0570	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	50.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0600	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0620	Sign Cover	8120310	10.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	Riprap, Plain	8130010	10.000	Syd
0670	_ Slope Restoration, Modified	8167011	5,000.000	Syd
0680	Monument Box	8210001	1.000	Ea
0690	Monument Box Adjust	8210005	2.000	Ea

0700	Monument Preservation	8210010	3.000	Ea
0710	_ Protect Corner, Special	8217050	1.000	Ea



1/26/2018 9:17 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 012

Letting Date: March 2, 2018

Contract ID: 47066-120357

Description: 11.43 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, culvert, drainage, guardrail, cable barrier, signage, shoulder corrugations and pavement markings on I-96 at various locations from M-52 to M-59, Ingham and Livingston Counties. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120357A	1800311	N/A	HSIP 47066
200204A	1800328	N/A	HSIP 33085
200398A	N/A	N/A	M 47066
M61801	N/A	N/A	M 47066

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,252,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0040	Guardrail, Rem	2040035	13,755.000	Ft
0050	Exploratory Investigation, Vertical	2040080	40.000	Ft
0060	Ditch Cleanout	2050006	58.000	Sta
0070	Embankment, CIP	2050010	10,557.000	Cyd
0080	Excavation, Earth	2050016	1,415.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0120	Erosion Control, Sediment Trap	2080034	5.000	Ea
0130	Erosion Control, Silt Fence	2080036	4,900.000	Ft
0140	_ Permeable Runoff Structure	2087001	379.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	1,110.000	Cyd
0170	Aggregate Base, 6 inch	3020016	1,608.000	Syd
0180	Shoulder, CI II	3070121	42,998.000	Ton
0190	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0200	Culv, CI A, Conc, 18 inch	4010167	16.000	Ft
0210	Culv, CI E, Conc, 12 inch	4010573	6.000	Ft
0220	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	2.000	Ea
0230	_ Cured-In-Place Pipe Lining, 12 inch	4017001	40.000	Ft
0240	_ Cured-In-Place Pipe Lining, 18 inch	4017001	40.000	Ft

0250	_ Cured-In-Place Pipe Lining, 24 inch	4017001	242.000	Ft
0260	_ Cured-In-Place Pipe Lining, 36 inch	4017001	68.000	Ft
0270	_ Cured-In-Place Pipe Lining, 60 inch	4017001	310.000	Ft
0280	Underdrain, Subbase, 6 inch	4040063	1,050.000	Ft
0290	Underdrain Outlet, 6 inch	4040093	75.000	Ft
0300	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0310	Pavt, Cleaning	5010001	1.000	LSUM
0320	Cold Milling HMA Surface	5010002	404,332.000	Syd
0330	Bump Grinding	5010004	640.000	Syd
0340	HMA Surface, Rem	5010005	57,737.000	Syd
0350	HMA Quality Initiative	5010007	203,234.000	Dlr
0360	Pavt for Butt Joints, Rem	5010008	5,518.000	Syd
0370	Longitudinal Joint Density Quality Initiative	5010018	105,375.000	Dlr
0380	Pavt Joint and Crack Repr, Det 7	5010020	2,322.000	Ft
0390	Pavt Joint and Crack Repr, Det 8	5010021	2,322.000	Ft
0400	Hand Patching	5010025	591.000	Ton
0410	HMA, 4E30	5010053	34,139.000	Ton
0420	HMA, 5E3	5010057	6,384.000	Ton
0430	HMA, 5E30	5010059	25,908.000	Ton
0440	HMA Approach	5010061	534.000	Ton
0450	HMA, LVSP	5010703	34,595.000	Ton
0460	Joint, Contraction, Cp	6020200	82.000	Ft
0470	Cement	6030005	92.000	Ton
0480	Cold Milling Conc Pavt	6030014	12,248.000	Syd
0490	Joint, Contraction, Crg	6030020	13,440.000	Ft
0500	Joint, Expansion, Erg	6030021	85.000	Ft
0510	Lane Tie, Epoxy Anchored	6030030	610.000	Ea
0520	Non-Chloride Accelerator	6030035	979.000	Gal
0530	Pavt Repr, Rem	6030080	4,697.000	Syd
0540	Saw Cut, Intermediate	6030090	1,019.000	Ft
0550	_ Pavt Repr, Nonreinf Conc, 15 inch	6037011	4,697.000	Syd
0560	_ Portable Non-Intrusive Traffic Sensors	8007050	8.000	Ea
0570	_ Portable Non-Intrusive Traffic Sensors, Relocate	8007050	8.000	Ea
0580	_ Central Computer	8007051	1.000	LSUM
0590	_ Stopped Traf Advisory System	8007051	1.000	LSUM
0600	Guardrail, Type MGS-8	8070004	13,819.000	Ft
0610	Guardrail Anch, Bridge, Det T4	8070025	13.000	Ea
0620	Guardrail Anch, Bridge, Det T6	8070027	10.000	Ea
0630	Guardrail Approach Terminal, Type 3B	8070038	2.000	Ea
0640	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0650	Guardrail Approach Terminal, Type 2B	8070042	33.000	Ea
0660	Guardrail Departing Terminal, Type MGS	8070052	20.000	Ea
0670	Guardrail Reflector	8070080	331.000	Ea
0680	Cable, 1000 ft Spool	8070250	6.000	Ea
0690	Cable Barrier, Intermediate Line Post	8070251	167.000	Ea

0700	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	167.000	Ea
0710	Cable Barrier, Modified Line Post and Hardware	8070253	10.000	Ea
0720	Cable Barrier, Socket, Conc Fdn	8070254	60.000	Ea
0730	Cable Barrier, Driven Socket	8070255	80.000	Ea
0740	Cable Barrier, Turnbuckle	8070256	7.000	Ea
0750	Cable Barrier, Reflector	8070257	74.000	Ea
0760	Cable Barrier, Excluder Cap	8070258	167.000	Ea
0770	Cable Barrier, Wedge Lock Fitting	8070259	6.000	Ea
0780	Cable Barrier, Cable Splice Kit	8070260	27.000	Ea
0790	Cable Barrier Terminal, Materials	8070261	3.000	Ea
0800	Cable Barrier, High Tension, Repair Labor	8070262	25,880.000	Dlr
0810	_ Cable Barrier, High Tension, 3-Cable, Gibraltar TL-4, Driven Socket	8077001	18,873.000	Ft
0820	_ Cable Barrier Terminal, High Tension, 3-Cable, Gibraltar TL-4, Driven Socket	8077050	20.000	Ea
0830	_ Cable Barrier, High Tension, Maintenance Kit	8077050	1.000	Ea
0840	Column, Breakaway, W8 x 13	8100120	6.000	Ea
0850	Post, Steel, 3 lb	8100371	186.000	Ft
0860	Post, Wood, 4 inch by 6 inch	8100380	90.000	Ft
0870	Post, Wood, 6 inch by 8 inch	8100382	198.000	Ft
0880	Sign, Type IA	8100392	521.000	Sft
0890	Sign, Type IIB	8100399	21.000	Sft
0900	Sign, Type IIIA	8100404	45.000	Sft
0910	Sign, Type IIIB	8100405	47.000	Sft
0920	Reflective Panel for Permanent Sign Support, 3 foot	8100613	6.000	Ea
0930	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	5.000	Ea
0940	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	2.000	Ea
0950	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	165.000	Ft
0960	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	33,000.000	Ft
0970	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	124,000.000	Ft
0980	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	124,000.000	Ft
0990	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	6,900.000	Ft
1000	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1010	Pavt Mrkg, Polyurea, Lt & Rt Turn Arrow Sym	8110404	1.000	Ea
1020	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
1030	Pavt Mrkg, Polyurea, Merge	8110407	2.000	Ea
1040	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
1050	Recessing Pavt Mrkg, Longit	8110450	344,787.000	Ft
1060	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
1070	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
1080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	600.000	Ea
1090	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	600.000	Ea
1100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1120	Ltg for Night Work	8120160	1.000	LSUM

1130	Minor Traf Devices	8120170	1.000	LSUM
1140	Mobile Attenuator	8120180	2.000	Ea
1150	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	12,640.000	Ft
1160	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	2,710.000	Ft
1170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	156,000.000	Ft
1180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	145,000.000	Ft
1190	Plastic Drum, Fluorescent, Furn	8120252	580.000	Ea
1200	Plastic Drum, Fluorescent, Oper	8120253	580.000	Ea
1210	Sign Cover	8120310	15.000	Ea
1220	Sign, Type A, Temp, Prismatic, Furn	8120340	16.000	Sft
1230	Sign, Type A, Temp, Prismatic, Oper	8120341	16.000	Sft
1240	Sign, Type B, Temp, Prismatic, Furn	8120350	3,130.000	Sft
1250	Sign, Type B, Temp, Prismatic, Oper	8120351	3,310.000	Sft
1260	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	340.000	Sft
1270	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	340.000	Sft
1280	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	16.000	Ea
1290	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	16.000	Ea
1300	Slope Restoration, Type B	8160101	212,760.000	Syd
1310	Slope Restoration, Type C	8160102	2,190.000	Syd
1320	Shoulder Corrugations, Ground or Cut, HMA	8220001	204,688.000	Ft
1330	Contractor Staking, Road Only	8240007	1.000	LSUM
1340	Staking Plan Errors and Extras, One Person	8240020	112.000	Hr
1350	Staking Plan Errors and Extras, Two Person	8240021	45.000	Hr
1360	Staking Plan Errors and Extras, Three Person	8240022	67.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 180302 013

Letting Date: March 2, 2018

Contract ID: 27041-130191

Description: Bridge removal and replacement, prestressed concrete I-Beams, hot mix asphalt approach, concrete curb, gutter, culvert, sewer, drainage, placing riprap, centerline and shoulder corrugations, cofferdams, micropiles and guardrail on M-28 over Jackson Creek, Gogebic County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130191A	1800330	N/A	ST 27041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$285,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.500	Acre
0030	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0060	Pavt, Rem	2040050	2,648.000	Syd
0070	Embankment, CIP	2050010	3,560.000	Cyd
0080	Excavation, Earth	2050016	1,831.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	398.000	Ft
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	110.000	Cyd
0120	Erosion Control, Sediment Trap	2080034	26.000	Ea
0130	Erosion Control, Silt Fence	2080036	3,779.000	Ft
0140	Subbase, CIP	3010002	3,094.000	Cyd
0150	Aggregate Base, 6 inch	3020016	2,701.000	Syd
0160	Aggregate Base, 8 inch	3020020	2,010.000	Syd
0170	Approach, CI II, 6 inch	3070028	249.000	Syd
0180	Shoulder, CI II, 4 inch	3070126	609.000	Syd
0190	Culv End Sect, 12 inch	4010012	2.000	Ea
0200	Culv End Sect, 24 inch	4010024	2.000	Ea
0210	Culv, CI F, 24 inch	4010610	128.000	Ft
0220	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	6.000	Ea
0230	Sewer, CI A, 12 inch, Tr Det B	4020033	38.000	Ft
0240	Dr Structure Cover, Type C	4030015	2.000	Ea
0250	Dr Structure, 48 inch dia	4030210	2.000	Ea
0260	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	10.000	Ft

0270	HMA Surface, Rem	5010005	3,990.000	Syd
0280	HMA Quality Initiative	5010007	2,326.000	Dlr
0290	Longitudinal Joint Density Quality Initiative	5010018	7,105.000	Dlr
0300	HMA, 4E1	5010050	792.000	Ton
0310	HMA, 5E1	5010056	371.000	Ton
0320	Joint, Expansion, E3	6020208	102.000	Ft
0330	Conc Pavt, Bridge Approach, Reinf	6020600	234.000	Syd
0340	Curb and Gutter, Bridge Approach	8020010	104.000	Ft
0350	Curb and Gutter, Conc, Det D2	8020031	125.000	Ft
0360	Guardrail, Type MGS-8	8070004	914.000	Ft
0370	Guardrail, Curved, Type B	8070010	38.000	Ft
0380	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0390	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0400	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0410	Guardrail, Salv	8070075	1,145.000	Ft
0420	Guardrail Reflector	8070080	49.000	Ea
0430	Guardrail, Reconst, Type B	8070105	63.000	Ft
0440	_ Field Office, CL 1, Modified	8097043	7.000	Mo
0450	_ Field Office, Utility Fees, Modified	8097060	1,400.000	Dlr
0460	Delineator Reflector, Green	8100133	4.000	Ea
0470	Fdn, Wood Support, Rem	8100280	7.000	Ea
0480	Post, Rigid, Delineator	8100361	4.000	Ea
0490	Post, Steel, 3 lb	8100371	128.000	Ft
0500	Sign, Type II, Rem	8100397	8.000	Ea
0510	Sign, Type III, Rem	8100403	4.000	Ea
0520	Sign, Type IIIA	8100404	4.000	Sft
0530	Sign, Type IIIB	8100405	18.000	Sft
0540	Sign, Type VB	8100425	10.000	Sft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	622.000	Ft
0560	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,251.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	622.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,251.000	Ft
0590	Recessing Pavt Mrkg, Longit	8110450	2,762.000	Ft
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0640	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0650	Sign Cover	8120310	30.000	Ea
0660	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0670	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft

0700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	250.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	250.000	Sft
0720	Riprap, Plain	8130010	254.000	Syd
0730	Slope Restoration, Type A	8160100	2,556.000	Syd
0740	Slope Restoration, Type B	8160101	846.000	Syd
0750	Slope Restoration, Type C	8160102	1,432.000	Syd
0760	Slope Restoration, Type D	8160103	1,632.000	Syd
0770	Centerline Corrugations, Milled, HMA	8220013	1,015.000	Ft
0780	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	2,030.000	Ft
0790	Contractor Staking	8240001	1.000	LSUM
0800	Staking Plan Errors and Extras, One Person	8240020	28.000	Hr
0810	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr
0820	Staking Plan Errors and Extras, Three Person	8240022	16.000	Hr

Section: 2

0830	Critical Path Method Schedule	1080005	15,000.000	Dlr
0840	Structures, Rem (B01 of 27041)	2040060	1.000	LSUM
0850	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0860	Backfill, Structure, CIP	2060002	260.000	Cyd
0870	Excavation, Fdn	2060010	1,755.000	Cyd
0880	Excavation, Rock Fdn	2060011	1,200.000	Cyd
0890	_ Backfill, Lightweight, Iron Blast Furnace Slag Aggregate, LM	2067021	1,520.000	Cyd
0900	_ Dewatering System, Excavation	2067050	2.000	Ea
0910	Erosion Control, Filter Bag	2080014	8.000	Ea
0920	Erosion Control, Gravel Filter Berm	2080018	300.000	Ft
0930	Erosion Control, Turbidity Curtain, Deep	2080042	630.000	Ft
0940	Underdrain, Fdn, 6 inch	4040033	335.000	Ft
0950	Underdrain Outlet, 6 inch	4040093	480.000	Ft
0960	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0970	_ Cofferdams on Rock (B01 of 41027)	7047051	1.000	LSUM
0980	Bridge Ltg, Furn and Rem (B01 of 27041)	7060001	1.000	LSUM
0990	Bridge Ltg, Oper and Maintain	7060002	88.000	Cyd
1000	Conc, Grade T	7060013	268.000	Cyd
1010	False Decking	7060060	4,322.000	Sft
1020	Reinforcement, Steel, Epoxy Coated	7060092	80,782.000	Lb
1030	Substructure Conc	7060100	848.000	Cyd
1040	Superstructure Conc	7060110	44.000	Cyd
1050	Superstructure Conc, Form, Finish, and Cure (B01 of 27041)	7060111	1.000	LSUM
1060	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 27041)	7060112	1.000	LSUM
1070	Superstructure Conc, Night Casting	7060113	88.000	Cyd
1080	Bearing, Elastomeric, 2 3/4 inch	7070019	2,052.000	Sin
1090	_ Steel Diaphragm, Prest Conc Beam, Erect	7077030	1,965.000	Lb

1100	_ Steel Diaphragm, Prest Conc Beam, Furn and Fab	7077030	1,965.000	Lb
1110	Prest Conc I Beam, Furn, 45 inch	7080029	345.000	Ft
1120	Prest Conc I Beam, Erect, 45 inch	7080030	345.000	Ft
1130	Joint Waterproofing	7100001	458.000	Sft
1140	Bridge Railing, 4 Tube	7110010	120.000	Ft
1150	_ Micropile, Load Test, Proof, LRFD	8007050	2.000	Ea
1160	_ Micropile, Load Test, Verification, LRFD	8007050	1.000	Ea
1170	_ Micropile, Type A, Furn and Install, LRFD	8007050	72.000	Ea
1180	_ Micropile Equipment, Furn, LRFD (B01 of 27041)	8007051	1.000	LSUM
1190	_ Riprap, Special, Class II	8137031	1,194.000	Ton



2/2/2018 9:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 014

Letting Date: March 2, 2018

Contract ID: 13081-129575

Description: Bridge railing and partial deck replacement, epoxy overlay, joint replacement, concrete surface coating and approach work on M-66/I-194 over I-94, Calhoun County. This project includes 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129575A	1800337	N/A	IM 13081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$117,500.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	243.000	Ft
0030	Pavt, Rem	2040050	354.000	Syd
0040	Embankment, CIP	2050010	330.000	Cyd
0050	Excavation, Earth	2050016	468.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0070	Erosion Control, Silt Fence	2080036	420.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0090	Aggregate Base	3020001	281.000	Ton
0100	Shoulder, CI II	3070121	5.000	Ton
0110	Shoulder, CI II, 4 inch, Temp	3070181	72.000	Syd
0120	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0130	HMA Surface, Rem	5010005	445.000	Syd
0140	HMA, Temp Pavt (LVSP)	5020807	94.000	Ton
0150	Joint, Contraction, C3	6020204	24.000	Ft
0160	Joint, Expansion, E3	6020208	317.000	Ft
0170	Joint, Tied, Trg	6030023	199.000	Ft
0180	Lane Tie, Epoxy Anchored	6030030	57.000	Ea
0190	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	310.000	Syd
0200	Curb and Gutter, Bridge Approach	8020010	181.000	Ft
0210	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0220	Spillway, Conc	8020075	50.000	Ft
0230	Guardrail, Type T	8070002	44.000	Ft
0240	Guardrail, Backed, Det G3	8070017	1.000	Ea
0250	Guardrail Anch, Bridge, Det T1	8070022	6.000	Ea
0260	Delineator Reflector, White	8100134	3.000	Ea
0270	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	4.000	Ea

0280	Fdn, Wood Support, Rem	8100280	2.000	Ea
0290	Delineator, Rem	8100349	7.000	Ea
0300	Post, Flexible, Delineator	8100360	4.000	Ea
0310	Post, Rigid, Delineator	8100361	3.000	Ea
0320	Post, Steel, 3 lb	8100371	64.000	Ft
0330	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0340	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0350	Sign, Type II, Rem	8100397	2.000	Ea
0360	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0370	Sign, Type III, Rem	8100403	3.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,705.000	Ft
0390	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,805.000	Ft
0400	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,458.000	Ft
0410	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,650.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,705.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,805.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,458.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	1,650.000	Ft
0460	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	15.000	Ft
0470	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	56.000	Ft
0480	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0490	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0500	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0510	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	3.000	Ea
0520	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	3.000	Ea
0530	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	3.000	Ea
0540	Conc Barrier Reflector Replacement	8120070	28.000	Ea
0550	Conc Barrier, Temp, Adj	8120080	1,024.000	Ft
0560	Conc Barrier, Temp, Furn	8120081	1,412.000	Ft
0570	Conc Barrier, Temp, Oper	8120082	1,412.000	Ft
0580	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0590	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0600	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0620	Ltg for Night Work	8120160	1.000	LSUM
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Mobile Attenuator	8120180	2.000	Ea
0650	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,473.000	Ft
0660	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,650.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	10,549.000	Ft
0680	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	13,360.000	Ft
0690	Plastic Drum, Fluorescent, Furn	8120252	582.000	Ea
0700	Plastic Drum, Fluorescent, Oper	8120253	582.000	Ea

0710	Sign Cover	8120310	55.000	Ea
0720	Sign, Type A, Temp, Prismatic, Furn	8120340	765.000	Sft
0730	Sign, Type A, Temp, Prismatic, Oper	8120341	765.000	Sft
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	2,457.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	2,457.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
0780	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0790	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0800	Riprap, Plain	8130010	6.000	Syd
0810	Fertilizer, Chemical Nutrient, CI A	8160020	53.000	Lb
0820	Mulch	8160025	782.000	Syd
0830	Mulch Anchoring	8160026	782.000	Syd
0840	Mulch Blanket	8160027	469.000	Syd
0850	Mulch Blanket, High Velocity	8160028	237.000	Syd
0860	Seeding, Mixture TUF	8160042	53.000	Lb
0870	Topsoil Surface, Furn, 4 inch	8160062	1,488.000	Syd
0880	Protect Corners	8210020	2.000	Ea
0890	Contractor Staking	8240001	1.000	LSUM
0900	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0910	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0920	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

Section: 2

0930	HMA Patch, Rem	5010006	2.000	Syd
0940	Bridge Ltg, Furn and Rem (S06-1 of 13081)	7060001	1.000	LSUM
0950	Bridge Ltg, Furn and Rem (S06-2 of 13081)	7060001	1.000	LSUM
0960	Bridge Ltg, Oper and Maintain	7060002	155.000	Cyd
0970	Conc, Grade D	7060010	73.000	Cyd
0980	Expansion Joint Device	7060050	308.000	Ft
0990	False Decking	7060060	8,964.000	Sft
1000	Reinforcement, Steel, Epoxy Coated	7060092	46,806.000	Lb
1010	Superstructure Conc, Form, Finish, and Cure, Night Casting (S06-1 of 13081)	7060112	1.000	LSUM
1020	Superstructure Conc, Form, Finish, and Cure, Night Casting (S06-2 of 13081)	7060112	1.000	LSUM
1030	Superstructure Conc, Night Casting, High Performance	7060117	155.000	Cyd
1040	Water Repellent Treatment, Penetrating (S06-1 of 13081)	7060140	337.000	Syd
1050	Water Repellent Treatment, Penetrating (S06-2 of 13081)	7060140	343.000	Syd
1060	Joint Waterproofing	7100001	479.000	Sft
1070	Conc Surface Coating, Warranty (S06-1 of 13081)	7100009	1.000	LSUM
1080	Conc Surface Coating, Warranty (S06-2 of 13081)	7100009	1.000	LSUM
1090	Substructure Horizontal Surface Sealer (S06-1 of	7100030	50.000	Syd

	13081)			
1100	Substructure Horizontal Surface Sealer (S06-2 of 13081)	7100030	51.000	Syd
1110	Bridge Railing, Aesthetic, Type 4, Det 2, High Performance	7110051	1,454.000	Ft
1120	Hand Chipping, Shallow	7120003	30.000	Syd
1130	Hand Chipping, Deep	7120004	16.000	Syd
1140	Epoxy Ovly	7120020	4,434.000	Syd
1150	Epoxy Ovly, Rem	7120021	4,338.000	Syd
1160	Structures, Rehabilitation, Rem Portions (S06-1 of 13081)	7120070	1.000	LSUM
1170	Structures, Rehabilitation, Rem Portions (S06-2 of 13081)	7120070	1.000	LSUM
1180	Deck Joint, Rem	7120071	306.000	Ft
1190	Patching Conc, C-L	7120112	6.000	Cyd
1200	Embedded Galvanic Anode	7120120	2,098.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 015

Letting Date: March 2, 2018

Contract ID: 67111-128725

Description: 1.14 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramp, drainage and safety improvements on US-10BR from south of Church Street north to south of US-10 in the city of Reed City, Osceola County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128725A	1800327	N/A	ST 67111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$91,700.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	5.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	532.000	Ft
0040	_ Abandon Utility, Rem	2037001	348.000	Ft
0050	_ Monitoring Well, Adjust	2037050	10.000	Ea
0060	Curb and Gutter, Rem	2040020	1,299.000	Ft
0070	Pavt, Rem	2040050	655.000	Syd
0080	Sidewalk, Rem	2040055	483.000	Syd
0090	Embankment, CIP	2050010	156.000	Cyd
0100	Excavation, Earth	2050016	267.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	6.000	Ea
0140	Erosion Control, Silt Fence	2080036	1,082.000	Ft
0150	Aggregate Base, 6 inch	3020016	2,381.000	Syd
0160	_ Driveway Maintenance, Commercial	3067050	2.000	Ea
0170	_ Driveway Maintenance, Residential	3067050	10.000	Ea
0180	Shoulder, CI II, 6 inch	3070128	249.000	Syd
0190	Sewer, CI A, 12 inch, Tr Det D	4020093	138.000	Ft
0200	Sewer, CI A, 18 inch, Tr Det D	4020095	406.000	Ft
0210	Sewer Tap, 12 inch	4021204	2.000	Ea
0220	Sewer Tap, 15 inch	4021205	1.000	Ea
0230	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0240	Video Taping Sewer and Culv Pipe	4021275	533.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	22.000	Ea
0260	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0270	Dr Structure Cover, Type B	4030010	2.000	Ea

0280	Dr Structure Cover, Type D	4030025	2.000	Ea
0290	Dr Structure Cover, Type K	4030050	1.000	Ea
0300	Dr Structure, 48 inch dia	4030210	5.000	Ea
0310	Dr Structure, Adj, Add Depth	4030280	40.000	Ft
0320	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0330	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0340	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0350	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0360	_ Dr Structure Cover, ADA Compliant	4037050	3.000	Ea
0370	_ Dr Structure, Repr	4037050	22.000	Ea
0380	Underdrain, Subgrade, 6 inch	4040073	533.000	Ft
0390	Underdrain Outlet, 6 inch	4040093	24.000	Ft
0400	Underdrain, Outlet Ending, 6 inch	4040113	12.000	Ea
0410	Cold Milling HMA Surface	5010002	32,595.000	Syd
0420	Bump Grinding	5010004	200.000	Syd
0430	HMA Surface, Rem	5010005	1,095.000	Syd
0440	HMA Quality Initiative	5010007	11,210.000	Dlr
0450	Longitudinal Joint Density Quality Initiative	5010018	13,305.000	Dlr
0460	Pavt Joint and Crack Repr, Det 8	5010021	1,480.000	Ft
0470	Hand Patching	5010025	800.000	Ton
0480	HMA, 4E1	5010050	4,235.000	Ton
0490	HMA Approach	5010061	570.000	Ton
0500	Cold Milling Conc Pavt	6030014	1,142.000	Syd
0510	_ Pedestrian Path, Temp	8007001	200.000	Ft
0520	_ Pedestrian Ramp, Temp	8007050	25.000	Ea
0530	Driveway, Reinf Conc, 6 inch	8010001	44.000	Syd
0540	Driveway, Reinf Conc, 8 inch	8010003	79.000	Syd
0550	Curb and Gutter, Conc, Det B2	8020016	20.000	Ft
0560	Curb and Gutter, Conc, Det F2	8020036	912.000	Ft
0570	Driveway Opening, Conc, Det M	8020050	144.000	Ft
0580	_ Curb and Gutter, Conc, Decorative, Det F2	8027001	118.000	Ft
0590	Curb Ramp Opening, Conc	8030030	351.000	Ft
0600	Sidewalk Ramp, Conc, 6 inch	8030036	2,777.000	Sft
0610	Sidewalk, Conc, 6 inch	8030046	969.000	Sft
0620	_ Detectable Warning Surface, Cast Iron, Special	8037001	375.000	Ft
0630	_ Sidewalk Ramp, Conc, 6 inch, Decorative	8037010	594.000	Sft
0640	_ Sidewalk, Conc, 6 inch, Decorative	8037010	271.000	Sft
0650	Delineator Reflector, Yellow	8100132	3.000	Ea
0660	Delineator Reflector, Green	8100133	4.000	Ea
0670	Post, Rigid, Delineator	8100361	7.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0700	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	596.000	Ft
0710	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	180.000	Ft
0720	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	112.000	Ft

0730	Pavt Mrkg, Waterborne, 4 inch, White	8110231	450.000	Ft
0740	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,645.000	Ft
0750	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,284.000	Ft
0760	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	450.000	Ft
0770	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	13,645.000	Ft
0780	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	12,284.000	Ft
0790	Protective Ovly, Snowmobile Trail Crossing	8110550	135.000	Syd
0800	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0810	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0820	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0830	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0840	Minor Traf Devices	8120170	1.000	LSUM
0850	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	10,600.000	Ft
0860	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,600.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	850.000	Ft
0880	Plastic Drum, High Intensity, Furn	8120250	216.000	Ea
0890	Plastic Drum, High Intensity, Oper	8120251	216.000	Ea
0900	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0910	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0920	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0930	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0940	Traf Regulator Control	8120370	1.000	LSUM
0950	_ Pedestrian Type II Channelizer, Temp	8127001	50.000	Ft
0960	_ Pedestrian Type II Barricade, Temp	8127050	31.000	Ea
0970	_ Turf Establishment, Performance	8167011	3,848.000	Syd
0980	Hh, Rem	8190254	3.000	Ea
0990	Pedestal Fdn, Rem	8200106	2.000	Ea
1000	Monument Preservation	8210010	6.000	Ea
1010	Gate Box, Adj, Case 1	8230431	13.000	Ea
1020	Contractor Staking, Road Only	8240007	1.000	LSUM
1030	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
1040	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1050	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 016

Letting Date: March 2, 2018

Contract ID: 31012-125835

Description: Traffic signal modernizations, concrete curb, gutter, culvert and sidewalk, sewer, signage, and pavement markings in the cities of Houghton, Marquette, and Negaunee, Houghton and Marquette Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125835A	1800321	N/A	STG 31012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,900.00	1500001	1.000	LSUM
0020	Dr Structure, Abandon	2030010	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	46.000	Ft
0040	Curb and Gutter, Rem	2040020	189.000	Ft
0050	Pavt, Rem	2040050	66.000	Syd
0060	Sidewalk, Rem	2040055	126.000	Syd
0070	Exploratory Investigation, Vertical	2040080	50.000	Ft
0080	Excavation, Earth	2050016	117.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0110	Erosion Control, Silt Fence	2080036	20.000	Ft
0120	Aggregate Base, 6 inch	3020016	174.000	Syd
0130	Culv, CI A, Conc, 12 inch	4010165	54.000	Ft
0140	Sewer Tap, 12 inch	4021204	2.000	Ea
0150	Dr Structure Cover, Type E	4030035	1.000	Ea
0160	Dr Structure, 24 inch dia	4030200	1.000	Ea
0170	Hand Patching	5010025	5.000	Ton
0180	Conc Base Cse, Nonreinf, 9 inch	6020021	5.000	Syd
0190	_ Local Device Testing, Cellular Modem	8007050	6.000	Ea
0200	_ Local Device Testing, Field Switch	8007050	6.000	Ea
0210	_ Local Device Testing, Roadside Unit	8007050	6.000	Ea
0220	_ Roadside Unit	8007050	6.000	Ea
0230	Curb and Gutter, Conc, Det F6	8020040	111.000	Ft
0240	Detectable Warning Surface	8030010	117.000	Ft
0250	Curb Ramp Opening, Conc	8030030	132.000	Ft
0260	Sidewalk Ramp, Conc, 6 inch	8030036	3,150.000	Sft
0270	Fence, Protective	8080007	50.000	Ft

0280	Band, Sign	8100010	6.000	Ea
0290	Post, Steel, 3 lb	8100371	84.000	Ft
0300	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0310	Sign, Type III, Rem	8100403	11.000	Ea
0320	Sign, Type IIIA	8100404	43.000	Sft
0330	Sign, Type IIIB	8100405	22.000	Sft
0340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,225.000	Ft
0350	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	245.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, White	8110231	160.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	430.000	Ft
0380	Rem Spec Mrkg	8110343	1,095.000	Sft
0390	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0400	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0410	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Mobile Attenuator	8120180	1.000	Ea
0480	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	390.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	50.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	100.000	Ft
0510	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0530	Sign Cover	8120310	10.000	Ea
0540	Sign, Type A, Temp, Prismatic, Furn	8120340	18.000	Sft
0550	Sign, Type A, Temp, Prismatic, Oper	8120341	18.000	Sft
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,342.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,342.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0600	_ Turf Establishment, Performance-No Rye	8167011	164.000	Syd
0610	Conduit, DB, 1, 1 1/2 inch	8190027	385.000	Ft
0620	Conduit, DB, 3, 3 inch	8190035	115.000	Ft
0630	Conduit, DB, 4, 3 inch	8190038	15.000	Ft
0640	Conduit, Directional Bore, 3 inch	8190044	85.000	Ft
0650	Conduit, Rem	8190140	30.000	Ft
0660	Hh, Rem	8190254	2.000	Ea
0670	Hh, Round, 3 foot dia	8190259	2.000	Ea
0680	Hh, Round	8190260	9.000	Ea
0690	Cable, Sec, 600V, 1, 3/C#6	8190399	300.000	Ft

0700	Wood Pole, CI 4, 35 foot	8190472	2.000	Ea
0710	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	2.000	Ea
0720	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0730	Wood Pole, Rem	8190505	3.000	Ea
0740	Conduit, Directional Bore, 1, 3 inch	8190602	100.000	Ft
0750	Conduit, Directional Bore, 2, 3 inch	8190604	90.000	Ft
0760	Case Sign, Rem	8200020	3.000	Ea
0770	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
0780	Conduit Repr, Under Pavt	8200027	20.000	Ft
0790	Conduit Repr, Under Sidewalk or Earth	8200028	20.000	Ft
0800	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0810	Controller and Cabinet, Rem	8200030	4.000	Ea
0820	Controller and Cabinet, Digital Type	8200031	2.000	Ea
0830	Controller Fdn, Base Mount	8200045	2.000	Ea
0840	Fdn, Rem	8200065	1.000	Ea
0850	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0860	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	6.000	Ea
0870	Metered Serv	8200090	4.000	Ea
0880	Metered Serv, Rem	8200095	3.000	Ea
0890	Pedestal, Alum	8200100	12.000	Ea
0900	Pedestal, Fdn	8200105	16.000	Ea
0910	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
0920	Pushbutton and Sign	8200121	20.000	Ea
0930	Pushbutton, Rem	8200122	4.000	Ea
0940	Pushbutton Pedestal, Alum	8200123	4.000	Ea
0950	Serv Disconnect	8200135	4.000	Ea
0960	Span Wire	8200140	12.000	Ea
0970	Span Wire, Rem	8200141	6.000	Ea
0980	Span Wire Tether	8200142	6.000	Ea
0990	Steel Pole, Rem	8200145	1.000	Ea
1000	Steel Pole, Rem (Embedded)	8200146	4.000	Ea
1010	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1020	TS, Span Wire Mtd, Rem	8200182	9.000	Ea
1030	TS, Wireless Link, 5 Gigahertz, Master	8200274	2.000	Ea
1040	TS, Wireless Link, 5 Gigahertz, Remote	8200275	2.000	Ea
1050	TS, One Way Span Wire Mtd (LED)	8200313	16.000	Ea
1060	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
1070	TS, Four Way Span Wire Mtd (LED)	8200327	2.000	Ea
1080	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1090	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1100	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
1110	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
1120	TS, Pedestrian, Two Way Pedestal Mtd (LED)	8200347	1.000	Ea

	Countdown			
1130	Bracket, Truss, With 18 Foot Arm	8200378	9.000	Ea
1140	Video Traf Detection System	8200380	1.000	Ea
1150	Video Traf Detection Camera	8200381	2.000	Ea
1160	Wireless Intercn, Closed Loop, Master	8200393	1.000	Ea
1170	Wireless Intercn, Closed Loop, Remote	8200395	2.000	Ea
1180	Case Sign, Four Way, 24 inch by 30 inch, Non-Illuminated	8200430	1.000	Ea
1190	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	4.000	Ea
1200	Hemispherical Video Detection Camera	8200444	2.000	Ea
1210	Hemispherical Video Detection System	8200445	2.000	Ea
1220	Strain Pole, Steel, 6 bolt, 30 foot	8200460	6.000	Ea
1230	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
1240	Strain Pole Fdn, 6 Bolt	8200470	27.000	Ft
1250	Casing	8200480	121.000	Ft
1260	Cellular Modem, TS, 4G	8200498	6.000	Ea
1270	Backplate, TS	8200501	26.000	Ea
1280	_ Strain Pole Fdn, Into Rock	8207001	124.000	Ft
1290	Protect Corners	8210020	4.000	Ea
1300	Contractor Staking, Road Only	8240007	1.000	LSUM
1310	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
1320	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
1330	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 017

Letting Date: March 2, 2018

Contract ID: 84922-132595

Description: 1.90 mi of high friction surface treatment on various routes in the village of Elmira, city of Cadillac, Antrim, Benzie, Otsego, Oscoda and Wexford Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132595A	1800338	N/A	HSIP 84922

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$55,800.00	1500001	1.000	LSUM
0020	High Friction Surface Treatment	5060800	21,950.000	Syd
0030	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	59.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	250.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,500.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	34,000.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	250.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,500.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	34,000.000	Ft
0100	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0110	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0120	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0130	_ Traffic Control	8127051	1.000	LSUM
0140	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 018

Letting Date: March 2, 2018

Contract ID: 41051-113387

Description: 0.21 mi of hot mix asphalt dual left-turn lane extension, drainage and ADA ramps on M-44 at Leonard Street in the city of Grand Rapids, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113387A	1800336	N/A	CM 41051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,400.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	173.000	Ft
0040	Curb and Gutter, Rem	2040020	1,321.000	Ft
0050	Sidewalk, Rem	2040055	130.000	Syd
0060	Excavation, Earth	2050016	3,790.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0090	_ Embankment, CIP, Special	2057021	263.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0120	Erosion Control, Silt Fence	2080036	100.000	Ft
0130	Subbase, CIP	3010002	2,005.000	Cyd
0140	Aggregate Base, 6 inch	3020016	2,495.000	Syd
0150	Sewer, Cl A, 12 inch, Tr Det B	4020033	129.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0170	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0180	Dr Structure Cover, Type B	4030010	3.000	Ea
0190	Dr Structure Cover, Type G	4030040	3.000	Ea
0200	Dr Structure Cover, Type J	4030045	5.000	Ea
0210	Dr Structure, 48 inch dia	4030210	4.000	Ea
0220	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0230	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	1,290.000	Ft
0260	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0270	Underdrain Outlet, 6 inch	4040093	60.000	Ft

0280	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0290	Cold Milling HMA Surface	5010002	292.000	Syd
0300	HMA Surface, Rem	5010005	1,299.000	Syd
0310	HMA Quality Initiative	5010007	2,296.000	Dlr
0320	Longitudinal Joint Density Quality Initiative	5010018	3,324.000	Dlr
0330	Hand Patching	5010025	5.000	Ton
0340	HMA, 2E3	5010039	403.000	Ton
0350	HMA, 4E3	5010051	183.000	Ton
0360	HMA, 5E3	5010057	143.000	Ton
0370	HMA Approach	5010061	414.000	Ton
0380	_ Pedestrian Path, Temp	8007001	235.000	Ft
0390	_ Pedestrian Ramp, Temp	8007050	6.000	Ea
0400	Curb and Gutter, Conc, Det B2	8020016	1,266.000	Ft
0410	Detectable Warning Surface	8030010	19.000	Ft
0420	Curb Ramp Opening, Conc	8030030	36.000	Ft
0430	Sidewalk Ramp, Conc, 6 inch	8030036	100.000	Sft
0440	Sidewalk, Conc, 4 inch	8030044	550.000	Sft
0450	Sidewalk, Conc, 6 inch	8030046	520.000	Sft
0460	Delineator Reflector, Green	8100133	5.000	Ea
0470	Fdn, Wood Support, Rem	8100280	2.000	Ea
0480	Delineator, Rem	8100349	5.000	Ea
0490	Post, Rigid, Delineator	8100361	5.000	Ea
0500	Post, Steel, 3 lb	8100371	116.000	Ft
0510	Post, Wood, 4 inch by 6 inch	8100380	30.000	Ft
0520	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0530	Sign, Type II, Rem	8100397	1.000	Ea
0540	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0550	Sign, Type III, Rem	8100403	10.000	Ea
0560	Sign, Type IIIB	8100405	6.000	Sft
0570	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	400.000	Ft
0580	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	52.000	Ft
0590	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8110222	16.000	Ft
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	395.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	128.000	Ft
0620	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	920.000	Ft
0630	Pavt Mrkg, Waterborne, 8 inch, White	8110235	740.000	Ft
0640	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	395.000	Ft
0650	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	128.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	920.000	Ft
0670	Pavt Mrkg, Waterborne, 2nd Application, 8 inch, White	8110255	740.000	Ft
0680	Rem Spec Mrkg	8110343	300.000	Sft
0690	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	7.000	Ea
0700	Recessing Pavt Mrkg, Longit	8110450	2,040.000	Ft
0710	Recessing Pavt Mrkg, Transv	8110451	630.000	Sft

0720	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0730	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0740	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0750	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0760	Ltg for Night Work	8120160	1.000	LSUM
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Pavt Mrkg Cover, Type R, Black	8120200	3,300.000	Ft
0790	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	560.000	Ft
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,500.000	Ft
0810	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,100.000	Ft
0820	Plastic Drum, High Intensity, Furn	8120250	132.000	Ea
0830	Plastic Drum, High Intensity, Oper	8120251	132.000	Ea
0840	Sign Cover	8120310	10.000	Ea
0850	Sign, Type B, Temp, Prismatic, Furn	8120350	1,064.000	Sft
0860	Sign, Type B, Temp, Prismatic, Oper	8120351	1,064.000	Sft
0870	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0880	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0890	_ Pedestrian Type II Channelizer, Temp	8127001	470.000	Ft
0900	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0910	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	1.000	Ea
0920	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	1.000	Ea
0930	Slope Restoration, Type A	8160100	5,500.000	Syd
0940	Slope Restoration, Type B	8160101	750.000	Syd
0950	Conduit, DB, 1, 1 1/2 inch	8190027	250.000	Ft
0960	Pedestal, Fdn	8200105	7.000	Ea
0970	Pushbutton and Sign	8200121	8.000	Ea
0980	Pushbutton Pedestal, Alum	8200123	7.000	Ea
0990	Wireless Vehicle Detection System	8200422	3.000	Ea
1000	Wireless Vehicle Sensor Node	8200425	33.000	Ea
1010	TS, Bag	8200450	4.000	Ea
1020	TS, Bag, Rem	8200451	4.000	Ea
1030	_ Monitoring Well, Adj	8237050	9.000	Ea
1040	Contractor Staking, Road Only	8240007	1.000	LSUM
1050	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
1060	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
1070	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 019

Letting Date: March 2, 2018

Contract ID: 55021-200071

Description: Weigh scale expansion and rehabilitation, concrete curb, gutter and sidewalk, sewer, culvert and drainage on US-2 at US-41 in the village of Powers, Menominee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200071A	1800322	N/A	ST 55021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$22,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.500	Acre
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	16.000	Ft
0050	Curb and Gutter, Rem	2040020	10.000	Ft
0060	Sidewalk, Rem	2040055	16.000	Syd
0070	Embankment, CIP	2050010	101.000	Cyd
0080	Excavation, Earth	2050016	2,927.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	120.000	Ft
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0120	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0130	Erosion Control, Sediment Trap	2080034	6.000	Ea
0140	Erosion Control, Silt Fence	2080036	224.000	Ft
0150	Subbase, CIP	3010002	1,030.000	Cyd
0160	Aggregate Base, 6 inch	3020016	5,824.000	Syd
0170	Shoulder, CI II, 4 inch	3070126	134.000	Syd
0180	Culv End Sect, Metal, 24 inch	4010098	1.000	Ea
0190	Culv, CI F, CSP, 24 inch	4010678	8.000	Ft
0200	Sewer, CI E, 12 inch, Tr Det B	4020600	8.000	Ft
0210	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0220	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0230	Dr Structure Cover, Type K	4030050	2.000	Ea
0240	Dr Structure, 24 inch dia	4030200	1.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	510.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0270	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea

0280	Cold Milling HMA Surface	5010002	2,342.000	Syd
0290	HMA Surface, Rem	5010005	172.000	Syd
0300	HMA Quality Initiative	5010007	1,634.000	Dlr
0310	HMA, LVSP	5010703	817.000	Ton
0320	Curb, Conc, Det E2	8020002	52.000	Ft
0330	Curb and Gutter, Conc, Det F6	8020040	15.000	Ft
0340	Sidewalk, Conc, 4 inch	8030044	325.000	Sft
0350	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	620.000	Ft
0360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	240.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	240.000	Sft
0430	Riprap, Plain	8130010	9.000	Syd
0440	Slope Restoration, Type A	8160100	1,176.000	Syd
0450	Slope Restoration, Type B	8160101	477.000	Syd
0460	Slope Restoration, Type C	8160102	200.000	Syd
0470	Slope Restoration, Type D	8160103	20.000	Syd
0480	Conduit, Schedule 80 PVC, 2 inch	8190157	558.000	Ft
0490	DB Cable, in Conduit, 600V, 1/C#8	8190212	1,796.000	Ft
0500	DB Cable, in Conduit, Rem	8190220	91.000	Ft
0510	Cable, Equipment Grounding Wire, 1/C#8	8190237	978.000	Ft
0520	Hh, Adj	8190244	1.000	Ea
0530	Hh, Heavy Duty Cover	8190246	7.000	Ea
0540	Hh, Rem	8190254	1.000	Ea
0550	Light Std Fdn	8190279	6.000	Ea
0560	Light Std Fdn, Rem	8190280	2.000	Ea
0570	Light Std Shaft, 30 foot or less	8190285	6.000	Ea
0580	Light Std Shaft, Rem	8190305	2.000	Ea
0590	Luminaire, Rem	8190360	6.000	Ea
0600	_ Luminaire, Ramp	8197050	10.000	Ea
0610	Contractor Staking, Road Only	8240007	1.000	LSUM
0620	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0630	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0640	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 180302 020

Letting Date: March 2, 2018

Contract ID: 63000-202021

Description: 1.52 mi of hot mix asphalt surface removal, cold milling and resurfacing, drainage, retaining wall, concrete curb, gutter, sidewalk and ramps, culvert, sewer, guardrail and pavement markings on West 13 Mile Road from Middlebelt Road to Inkster Road and on Inkster Road from Northwestern Highway (M-10) to 13 Mile Road in the city of Farmington Hills, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202021A	1800200	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$253,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	29.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Dr Structure, Rem	2030011	12.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	374.000	Ft
0070	Curb and Gutter, Rem	2040020	7,362.000	Ft
0080	Guardrail, Rem	2040035	165.000	Ft
0090	Masonry and Conc Structure, Rem	2040045	8.000	Cyd
0100	Pavt, Rem	2040050	1,086.000	Syd
0110	Sidewalk, Rem	2040055	88.000	Syd
0120	Exploratory Investigation, Vertical	2040080	200.000	Ft
0130	_ Gas Utility, Rem	2047001	500.000	Ft
0140	Embankment, CIP	2050010	3,191.000	Cyd
0150	Excavation, Earth	2050016	7,895.000	Cyd
0160	Machine Grading	2050030	19.000	Sta
0170	_ Subgrade Undercutting, 1 x 3	2057021	965.000	Cyd
0180	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0190	Erosion Control, Silt Fence	2080036	5,604.000	Ft
0200	_ Aggregate Base, 6 inch, 21AA, Modified	3027011	313.000	Syd
0210	_ Aggregate Base, 8 inch, 21AA, Modified	3027011	11,075.000	Syd
0220	_ Aggregate Base, 21AA, Modified	3027031	120.000	Ton
0230	Maintenance Gravel	3060020	700.000	Ton
0240	Shoulder, CI I, 7 inch	3070109	1,664.000	Syd
0250	_ Geogrid	3087011	2,900.000	Syd
0260	Culv, CI E, Conc, 24 inch	4010576	56.000	Ft
0270	Culv, CI F, CSP, 12 inch	4010675	38.000	Ft

0280	Sewer, CI IV, 12 inch, Tr Det B	4020987	475.000	Ft
0290	Video Taping Sewer and Culv Pipe	4021275	475.000	Ft
0300	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0310	Dr Structure Cover, Type K	4030050	20.000	Ea
0320	Dr Structure, 24 inch dia	4030200	7.000	Ea
0330	Dr Structure, 48 inch dia	4030210	11.000	Ea
0340	Dr Structure, Adj, Add Depth	4030280	8.000	Ft
0350	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
0360	_ DPW Structure Cover, Adj, Add Depth	4037001	20.000	Ft
0370	_ DPW Structure Cover	4037050	5.000	Ea
0380	_ DPW Structure Cover, Adj, Case 1, Special	4037050	11.000	Ea
0390	_ DPW Structure Cover, Adj, Case 2, Special	4037050	2.000	Ea
0400	_ Underdrain, Subgrade, Open-Graded, 6 inch, Modified	4047001	6,721.000	Ft
0410	Cold Milling HMA Surface	5010002	22,725.000	Syd
0420	HMA Surface, Rem	5010005	9,418.000	Syd
0430	Edge Trimming	5010009	4,580.000	Ft
0440	Hand Patching	5010025	588.000	Ton
0450	HMA, 3E3	5010045	1,851.000	Ton
0460	HMA, 4E3	5010051	3,983.000	Ton
0470	HMA, 5E3	5010057	3,410.000	Ton
0480	HMA Approach	5010061	265.000	Ton
0490	_ Joint, HMA Plane of Weakness	5017001	4,996.000	Ft
0500	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	206.000	Syd
0510	Lane Tie, Epoxy Anchored	6030030	30.000	Ea
0520	Driveway, Nonreinf Conc, 6 inch	8010005	13.000	Syd
0530	Curb and Gutter, Conc, Det F4	8020038	6,391.000	Ft
0540	Driveway Opening, Conc, Det M	8020050	219.000	Ft
0550	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0560	Spillway, Conc	8020075	6.000	Ft
0570	_ Modular Concrete Block Retaining Wall	8027010	3,048.000	Sft
0580	Curb Ramp Opening, Conc	8030030	40.000	Ft
0590	_ Detectable Warning Surface, Modified	8037001	30.000	Ft
0600	_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	476.000	Sft
0610	_ Sidewalk, Conc, 4 inch, Modified	8037010	263.000	Sft
0620	Guardrail, Type TD	8070003	175.000	Ft
0630	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0640	Guardrail Reflector	8070080	13.000	Ea
0650	_ Post, Mailbox, Modified	8077050	7.000	Ea
0660	_ Fence, Chain Link, 48 inch, Vinyl Coated	8087001	450.000	Ft
0670	Post, Steel, 3 lb	8100371	838.000	Ft
0680	Sign, Type IIA	8100398	27.000	Sft
0690	Sign, Type III, Erect, Salv	8100402	37.000	Ea
0700	Sign, Type III, Rem	8100403	88.000	Ea
0710	Sign, Type IIIA	8100404	60.000	Sft

0720	Sign, Type IIIB	8100405	229.000	Sft
0730	_ Post, Flexible, Delineator, Modified	8107050	38.000	Ea
0740	_ Street Sign Post	8107050	7.000	Ea
0750	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	306.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0800	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	6,785.000	Ft
0810	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	16,335.000	Ft
0820	Rem Raised Pavt Marker	8110332	140.000	Ea
0830	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0840	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0850	Minor Traf Devices	8120170	1.000	LSUM
0860	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0870	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0880	Sign, Type B, Temp, Prismatic, Furn	8120350	1,050.000	Sft
0890	Sign, Type B, Temp, Prismatic, Oper	8120351	1,050.000	Sft
0900	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	900.000	Sft
0910	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	900.000	Sft
0920	Traf Regulator Control	8120370	1.000	LSUM
0930	_ Pedestrian Type II Barricade, Temp	8127050	4.000	Ea
0940	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea
0950	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea
0960	_ Landscape Stone	8137011	339.000	Syd
0970	_ Riprap, Plain, Modified	8137011	27.000	Syd
0980	_ Turf Establishment	8167011	8,426.000	Syd
0990	Monument Box Adjust	8210005	2.000	Ea
1000	Monument Preservation	8210010	2.000	Ea
1010	_ Sprinkler Line	8237001	500.000	Ft
1020	_ Sprinkler Head, Relocate	8237050	100.000	Ea
1030	_ Sprinkler Head, Replace	8237050	100.000	Ea
1040	_ Reimbursed Permit Fees	8507060	1,000.000	Dlr



2/2/2018 9:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 021

Letting Date: March 2, 2018

Contract ID: 82000-200023

Description: 0.81 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, sidewalk and ramps, guardrail, signing and pavement markings on Greenfield Road from Michigan Avenue (US-12) to Ford Road (M-153) 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
200023A	1800158	N/A	NH 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$ 135,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	120.000	Ft
0030	Guardrail, Rem	2040035	354.000	Ft
0040	Sidewalk, Rem	2040055	440.000	Syd
0050	_ Misc Pavt, Rem, Patching	2047011	1,814.000	Syd
0060	_ Misc Obstruction, Rem	2047021	1.000	Cyd
0070	_ Misc Subgrade Undercutting, Type IV	2057021	300.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	57.000	Ea
0090	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0100	Project Cleanup	2090001	1.000	LSUM
0110	_ Aggregate Base, 12 inch, Modified	3027011	40.000	Syd
0120	Sewer, Cl E, 12 inch, Tr Det B	4020600	40.000	Ft
0130	Dr Structure, Cleaning	4030290	20.000	Ea
0140	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0150	Dr Structure, Temp Lowering	4030390	31.000	Ea
0160	_ Misc Structure Reconstruct	4037001	62.000	Ft
0170	_ Misc Inlet A, Cover S	4037050	1.000	Ea
0180	_ Misc San Structure Cover, Adj	4037050	2.000	Ea
0190	_ Misc Structure Cover, Adj	4037050	77.000	Ea
0200	_ Misc Structure Cover, Adj, Furn Cover A	4037050	5.000	Ea
0210	_ Misc Structure Cover, Adj, Furn Cover S	4037050	2.000	Ea
0220	Cold Milling HMA Surface	5010002	39,742.000	Syd
0230	Pavt for Butt Joints, Rem	5010008	96.000	Syd
0240	HMA, 4E10	5010052	4,866.000	Ton
0250	HMA, 5E10	5010058	3,951.000	Ton
0260	HMA Approach	5010061	6.000	Ton
0270	_ Misc Bit Mixture for Patching, Temp	5017031	50.000	Ton

0280	_ Misc Conditioning Existing Pavement	5017031	727.000	Ton
0290	Joint, Contraction, Cp	6020200	710.000	Ft
0300	Joint, Expansion, E2	6020207	106.000	Ft
0310	Lane Tie, Epoxy Anchored	6030030	108.000	Ea
0320	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,814.000	Syd
0330	_ Misc Conc Curb Cap	8027001	125.000	Ft
0340	_ Misc Conc Curb Cap, Patching	8027001	770.000	Ft
0350	Detectable Warning Surface	8030010	90.000	Ft
0360	Curb Ramp Opening, Conc	8030030	120.000	Ft
0370	Sidewalk Ramp, Conc, 4 inch	8030034	1,380.000	Sft
0380	Sidewalk, Conc, 4 inch	8030044	310.000	Sft
0390	_ Sidewalk Ramp, Conc, 8 inch	8037010	298.000	Sft
0400	Guardrail, Type B	8070000	281.000	Ft
0410	Guardrail, Curved, Type B	8070010	25.000	Ft
0420	Guardrail Approach Terminal, Type 1B	8070040	6.000	Ea
0430	Guardrail Departing Terminal, Type B	8070050	6.000	Ea
0440	Guardrail Reflector	8070080	14.000	Ea
0450	_ Misc Field Office	8097043	4.000	Mo
0460	Post Hole Through Conc for Steel Post	8100340	14.000	Ea
0470	_ Misc Sign, Type B, Perm	8107010	774.000	Sft
0480	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	950.000	Ft
0490	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	300.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0520	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	7,000.000	Ft
0530	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	550.000	Ft
0540	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	360.000	Ft
0550	Rem Spec Mrkg	8110343	200.000	Sft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0580	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0590	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0600	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	2,100.000	Ft
0640	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	100.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,100.000	Ft
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	100.000	Ft
0670	Plastic Drum, High Intensity, Furn	8120250	450.000	Ea
0680	Plastic Drum, High Intensity, Oper	8120251	450.000	Ea
0690	Sign Cover	8120310	8.000	Ea

0700	Sign, Type B, Temp, Prismatic, Furn	8120350	1,128.000	Sft
0710	Sign, Type B, Temp, Prismatic, Oper	8120351	1,128.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
0730	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	Topsoil Surface, Furn, 2 inch	8160060	4,135.000	Syd
0760	Water, Sodding/Seeding	8160090	223.000	Unit
0770	_ Sodding, Modified	8167011	4,135.000	Syd
0780	Monument Box Adjust	8210005	1.000	Ea
0790	Water Shutoff, Adj, Temp, Case 1	8230381	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180302 022

Letting Date: March 2, 2018

Contract ID: 25000-130640

Description: 0.57 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, pavement removal, aggregate base, storm sewer, watermain, drainage and concrete curb, gutter, sidewalk and ramps on Bridge Street from the Linden south city limits northerly to the Shiawassee River in the city of Linden, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130640A	1800287	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$112,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0030	Dr Structure, Rem	2030011	4.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	96.000	Ft
0050	_ Repair Existing Sewer Service	2037001	300.000	Ft
0060	Curb and Gutter, Rem	2040020	763.000	Ft
0070	Fence, Rem	2040025	10.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0090	Exploratory Investigation, Vertical	2040080	30.000	Ft
0100	_ Driveway, Rem	2047011	464.000	Syd
0110	_ Pavt, Rem, Modified	2047011	4,900.000	Syd
0120	_ Sidewalk, Rem, Modified	2047011	732.000	Syd
0130	Embankment, CIP	2050010	439.000	Cyd
0140	Excavation, Earth	2050016	1,730.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0160	_ Sewer Jetting	2057001	100.000	Ft
0170	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0180	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0190	Erosion Control, Silt Fence	2080036	500.000	Ft
0200	_ Aggregate Base, 12 inch, Modified	3027011	6,034.000	Syd
0210	_ Aggregate Base, 4 inch, Modified	3027011	44.000	Syd
0220	_ Aggregate Base, 9 inch, Modified	3027011	759.000	Syd
0230	HMA Base Crushing and Shaping	3050002	4,594.000	Syd
0240	Salv Crushed Material, LM	3050015	350.000	Cyd
0250	_ Shoulder, CI II, 6 inch, Modified	3077011	319.000	Syd
0260	Culv End Sect, 12 inch	4010012	2.000	Ea

0270	Culv, CI F, 12 inch	4010607	173.000	Ft
0280	Sewer, CI A, 18 inch, Tr Det B	4020035	50.000	Ft
0290	Sewer, CI A, 24 inch, Tr Det B	4020036	50.000	Ft
0300	Sewer, CI IV, 12 inch, Tr Det B	4020987	657.000	Ft
0310	Sewer Tap, 12 inch	4021204	4.000	Ea
0320	Video Taping Sewer and Culv Pipe	4021275	200.000	Ft
0330	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0340	Dr Structure Cover, Type B	4030010	4.000	Ea
0350	Dr Structure Cover, Type G	4030040	3.000	Ea
0360	Dr Structure Cover, Type K	4030050	7.000	Ea
0370	Dr Structure, 48 inch dia	4030210	14.000	Ea
0380	_ Structure Cover, Adj, Case 1, Modified	4037050	19.000	Ea
0390	Underdrain, Subgrade, 6 inch	4040073	1,433.000	Ft
0400	Cold Milling HMA Surface	5010002	3,342.000	Syd
0410	HMA, 3C	5010031	1,841.000	Ton
0420	HMA, 13A	5010033	1,938.000	Ton
0430	Joint, Contraction, Crg	6030020	80.000	Ft
0440	Pavt Repr, Nonreinf Conc, 9 inch	6030046	23.000	Syd
0450	Pavt Repr, Rem	6030080	23.000	Syd
0460	Saw Cut, Intermediate	6030090	80.000	Ft
0470	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	476.000	Syd
0480	Curb and Gutter, Conc, Det F4	8020038	2,085.000	Ft
0490	Driveway Opening, Conc, Det M	8020050	179.000	Ft
0500	Detectable Warning Surface	8030010	113.000	Ft
0510	Curb Ramp Opening, Conc	8030030	224.000	Ft
0520	_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	1,355.000	Sft
0530	_ Sidewalk, Conc, 4 inch, Modified	8037010	6,425.000	Sft
0540	_ Sidewalk, Conc, 6 inch, Modified	8037010	300.000	Sft
0550	Post, Mailbox	8070095	16.000	Ea
0560	Post, Steel, 3 lb	8100371	936.000	Ft
0570	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0580	Sign, Type III, Rem	8100403	57.000	Ea
0590	Sign, Type IIIA	8100404	134.000	Sft
0600	Sign, Type IIIB	8100405	99.000	Sft
0610	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	563.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	73.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	11.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0670	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,963.000	Ft
0680	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	5,608.000	Ft
0690	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	163.000	Ft
0700	Barricade, Type III, High Intensity, Double Sided,	8120012	12.000	Ea

	Lighted, Furn			
0710	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0720	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0730	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0740	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0750	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0760	Minor Traf Devices	8120170	1.000	LSUM
0770	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,075.000	Ft
0780	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	7,170.000	Ft
0790	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,900.000	Ft
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,600.000	Ft
0810	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	750.000	Ft
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	564.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	564.000	Sft
0840	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	55.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	55.000	Sft
0860	Traf Regulator Control	8120370	1.000	LSUM
0870	_ Turf Establishment, Performance	8167011	3,950.000	Syd
0880	_ Sprinkler Head, Salv, and Reset	8167050	5.000	Ea
0890	Pushbutton and Sign	8200121	2.000	Ea
0900	Pushbutton Pedestal, Alum	8200123	2.000	Ea
0910	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	2.000	Ea
0920	_ Water Main, 8 inch, Tr Det G, Modified	8237001	1,003.000	Ft
0930	_ Water Main, 8 inch, Tr Det G, Nitrile, Modified	8237001	788.000	Ft
0940	_ Connect to Existing Water Main	8237050	8.000	Ea
0950	_ Fire Hydrant, Valve and Assembly	8237050	4.000	Ea
0960	_ Gate Valve and Box, 8 inch, Modified	8237050	4.000	Ea
0970	_ Gate Well, 60 inch dia, Modified	8237050	3.000	Ea
0980	_ Hydrant, Rem, Modified	8237050	3.000	Ea
0990	_ Monitoring Well, Adjust	8237050	6.000	Ea
1000	_ Valve Box, Rem	8237050	2.000	Ea
1010	_ Water Main, Cut and Plug, Modified	8237050	9.000	Ea
1020	_ Water Serv, Modified	8237050	19.000	Ea
1030	_ Testing and Chlorinating Water Main	8237051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 180302 023

Letting Date: March 2, 2018

Contract ID: 82000-200039

Description: 0.56 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, sidewalk ramps, signing and pavement markings on Wyoming Avenue from Ford Road (M-153) to north of Conrail Railroad in the cities of Detroit and Dearborn, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200039A	1800231	N/A	NH 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,900.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	88.000	Syd
0030	_ Misc Pavt, Rem, Patching	2047011	500.000	Syd
0040	_ Misc Subgrade Undercutting, Type IV	2057021	200.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0060	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0070	Project Cleanup	2090001	1.000	LSUM
0080	_ Misc Aggregate Base, CIP	3027021	148.000	Cyd
0090	Dr Structure, Cleaning	4030290	10.000	Ea
0100	Dr Structure, Temp Lowering	4030390	4.000	Ea
0110	_ Misc Structure Reconstruct	4037001	14.000	Ft
0120	_ Misc Structure Cover, Adj	4037050	9.000	Ea
0130	_ Misc Structure Cover, Adj, Furn Cover A	4037050	1.000	Ea
0140	_ Misc Structure Cover, Adj, Furn Cover S	4037050	1.000	Ea
0150	Cold Milling HMA Surface	5010002	18,888.000	Syd
0160	HMA Surface, Rem	5010005	444.000	Syd
0170	Hand Patching	5010025	49.000	Ton
0180	HMA, 4E10	5010052	2,496.000	Ton
0190	HMA, 5E10	5010058	1,743.000	Ton
0200	HMA Approach	5010061	23.000	Ton
0210	_ Misc Bit Mixture for Patching, Temp	5017031	30.000	Ton
0220	_ Misc Conditioning Existing Pavement	5017031	479.000	Ton
0230	Joint, Contraction, Cp	6020200	200.000	Ft
0240	Joint, Expansion, E2	6020207	30.000	Ft
0250	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	500.000	Syd
0260	_ Misc Conc Curb Cap	8027001	2,324.000	Ft
0270	_ Misc Conc Curb Cap, Patching	8027001	222.000	Ft

0280	Detectable Warning Surface	8030010	24.000	Ft
0290	Sidewalk, Conc, 4 inch	8030044	913.000	Sft
0300	_ Misc Field Office	8097043	3.000	Mo
0310	_ Misc Sign, Type B, Perm	8107010	124.000	Sft
0320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	200.000	Ft
0330	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	225.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0370	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,100.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	7,250.000	Ft
0390	Rem Spec Mrkg	8110343	1,000.000	Sft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0430	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	525.000	Ft
0480	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	525.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	525.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	525.000	Ft
0510	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0530	Sign Cover	8120310	4.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	492.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	492.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	8.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	8.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Topsoil Surface, Furn, 2 inch	8160060	1,319.000	Syd
0600	Water, Sodding/Seeding	8160090	71.000	Unit
0610	_ Sodding, Modified	8167011	1,319.000	Syd
0620	Monument Box Adjust	8210005	1.000	Ea
0630	_ Railroad Protection, at Grade Crossing	8507060	10,000.000	Dlr



2/2/2018 9:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 024

Letting Date: March 2, 2018

Contract ID: 43555-130477

Description: 5.00 mi of hot mix asphalt overlay with intermittent wedging, aggregate shoulders and pavement markings on Hawkins Road from East US-10 south to East 96th Street, Lake County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130477A	1800220	N/A	STL 43555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$46,200.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	500.000	Ton
0030	HMA, 4E1	5010050	2,000.000	Ton
0040	_ HMA, Ultra-Thin, Medium Volume	5047031	4,000.000	Ton
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	52,600.000	Ft
0060	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0070	Recessing Pavt Mrkg, Longit	8110450	28,100.000	Ft
0080	Pavt Mrkg, Modified Urethane, 4 inch, Yellow	8110541	28,100.000	Ft
0090	Protective Ovly, Snowmobile Trail Crossing	8110550	36.000	Syd
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,700.000	Ft
0160	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0170	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	401.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	401.000	Sft
0200	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	20.000	Sft
0210	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	20.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Monument Box Adjust	8210005	10.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 025

Letting Date: March 2, 2018

Contract ID: 39000-130825

Description: 0.12 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk and ramps, signal work and fiber installation on Pitcher Street from East Michigan Avenue to East Kalamazoo Avenue in the city of Kalamazoo, Kalamazoo County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130825A	1800193	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,100.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	460.000	Syd
0030	_ Curb and Gutter, Rem, Modified	2047001	344.000	Ft
0040	_ Pavg, Rem, Modified	2047011	238.000	Syd
0050	Embankment, CIP	2050010	18.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0070	Backfill, Structure, CIP	2060002	16.000	Cyd
0080	Excavation, Fdn	2060010	28.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0100	Aggregate Base, 9 inch	3020022	248.000	Syd
0110	Dr Structure, 24 inch dia	4030200	8.000	Ea
0120	Underdrain, Subbase, 6 inch	4040063	363.000	Ft
0130	Underdrain Outlet, 6 inch	4040093	11.000	Ft
0140	Cold Milling HMA Surface	5010002	3,196.000	Syd
0150	Hand Patching	5010025	20.000	Ton
0160	HMA, 13A	5010033	714.000	Ton
0170	HMA, 36A	5010034	289.000	Ton
0180	Conc, Grade D	7060010	22.000	Cyd
0190	Reinforcement, Steel, Epoxy Coated	7060092	2,150.000	Lb
0200	_ Metal Decking	7067010	315.000	Sft
0210	_ Structures, Rem Portions, Special	7067021	21.000	Cyd
0220	Structural Steel, Mixed, Erect	7070050	815.000	Lb
0230	Structural Steel, Mixed, Furn and Fab	7070051	815.000	Lb
0240	Joint Waterproofing	7100001	305.000	Sft
0250	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	68.000	Ea
0260	Curb and Gutter, Conc, Det F2	8020036	382.000	Ft
0270	Curb Ramp Opening, Conc	8030030	177.000	Ft

0280	Sidewalk Ramp, Conc, 6 inch	8030036	2,149.000	Sft
0290	Sidewalk, Conc, 6 inch	8030046	1,064.000	Sft
0300	_ Detectable Warning Surface, Modified	8037001	176.000	Ft
0310	Post, Steel, 3 lb	8100371	185.000	Ft
0320	Sign, Type III, Rem	8100403	15.000	Ea
0330	Sign, Type IIIB	8100405	22.000	Sft
0340	Mast Arm Pole, Cat II	8100511	4.000	Ea
0350	Mast Arm, 25 foot, Cat II	8100531	2.000	Ea
0360	Mast Arm, 35 foot, Cat II	8100533	2.000	Ea
0370	Mast Arm Pole Fdn, 6 Bolt	8100550	64.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	530.000	Ft
0390	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	135.000	Ft
0400	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	730.000	Ft
0410	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,360.000	Ft
0420	Recessing Pavt Mrkg, Longit	8110450	1,830.000	Ft
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0450	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0460	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0470	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	200.000	Ft
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	355.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	355.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	118.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	118.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	Slope Restoration, Type A	8160100	42.000	Syd
0570	Conduit, DB, 1, 1 1/2 inch	8190027	300.000	Ft
0580	Conduit, DB, 3, 3 inch	8190035	300.000	Ft
0590	Hh, Round, 3 foot dia	8190259	9.000	Ea
0600	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0610	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0620	Conduit, Directional Bore, 1, 4 inch	8190603	800.000	Ft
0630	_ Conduit, Schedule 40, 3, 1 inch	8197001	800.000	Ft
0640	Controller and Cabinet, Rem	8200030	1.000	Ea
0650	Controller Fdn, Base Mount	8200045	1.000	Ea
0660	Fdn, Rem	8200065	2.000	Ea
0670	Pedestal, Fdn	8200105	4.000	Ea
0680	Power Co. (Est. Cost to Contractor)	8200116	3,000.000	Dlr
0690	Pushbutton Pedestal, Alum	8200123	4.000	Ea
0700	Push Button Station and Sign	8200128	8.000	Ea

0710	Serv Disconnect	8200135	1.000	Ea
0720	Span Wire, Rem	8200141	1.000	Ea
0730	Steel Pole, Rem	8200145	2.000	Ea
0740	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0750	Pedestrian Signal System, Accessible	8200240	1.000	Ea
0760	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
0770	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0780	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0790	Casing	8200480	50.000	Ft
0800	_ Controller, Mod 60	8207050	1.000	Ea
0810	_ ITS Combo Cabinet	8207050	1.000	Ea
0820	_ Managed Field Ethernet Switch, Layer 2, NEMA Rack Mount	8207050	3.000	Ea
0830	_ Modular Video Detection Camera	8207050	4.000	Ea
0840	_ Modular Video Detection System	8207050	1.000	Ea
0850	_ Street Name Sign, Modified	8207050	4.000	Ea
0860	_ TS Uninterruptible Power System, Modified	8207050	1.000	Ea
0870	_ Universal Camera Bracket and Extension	8207050	4.000	Ea
0880	Hydrant, Rem	8230091	1.000	Ea
0890	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
0900	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0910	_ Fire Hydrant, Modified	8237050	1.000	Ea
0920	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	995.000	Ft
0930	Tracer Wire	8260070	800.000	Ft
0940	Fiber Optic, Pigtail	8260071	48.000	Ea
0950	_ Fiber Optic, Splice Enclosure, Rack-Mounted, Small	8267050	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180302 026

Letting Date: March 2, 2018

Contract ID: 03000-132371

Description: 0.50 mi of shared-use path, hot mix asphalt pavement, concrete pavement, curb, gutter, sewer, drainage, earthwork and pavement markings along Blue Star Highway from Center Street to Washington Street in the village of Douglas, Allegan County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132371A	1703014	N/A	CM 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$32,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	945.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	18.000	Cyd
0040	Sidewalk, Rem	2040055	45.000	Syd
0050	Erosion Control, Silt Fence	2080036	200.000	Ft
0060	_ Aggregate Base, 6 inch, Modified	3027011	910.000	Syd
0070	Sewer, Cl A, 15 inch, Tr Det B	4020034	60.000	Ft
0080	Dr Structure Cover, Type G	4030040	2.000	Ea
0090	Dr Structure, 24 inch dia	4030200	1.000	Ea
0100	Dr Structure, 48 inch dia	4030210	1.000	Ea
0110	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0120	HMA Surface, Rem	5010005	3,590.000	Syd
0130	Hand Patching	5010025	227.000	Ton
0140	Shoulder, Nonreinf Conc	6020222	159.000	Syd
0150	Curb, Conc, Det E4	8020004	1,820.000	Ft
0160	Curb and Gutter, Conc, Det D2	8020031	200.000	Ft
0170	Curb and Gutter, Conc, Det F4	8020038	545.000	Ft
0180	Driveway Opening, Conc, Det M	8020050	140.000	Ft
0190	_ Curb, Conc, Det E4, Modified	8027001	310.000	Ft
0200	Detectable Warning Surface	8030010	175.000	Ft
0210	Curb Ramp Opening, Conc	8030030	265.000	Ft
0220	Sidewalk Ramp, Conc, 6 inch	8030036	1,335.000	Sft
0230	Sidewalk, Conc, 4 inch	8030044	260.000	Sft
0240	_ Brick Pavers	8037010	1,550.000	Sft
0250	Shared use Path, Grading	8060030	715.000	Ft
0260	Shared use Path, HMA	8060040	175.000	Ton
0270	Post, Steel, 3 lb	8100371	300.000	Ft

0280	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0290	Sign, Type III, Rem	8100403	2.000	Ea
0300	Sign, Type IIIA	8100404	3.000	Sft
0310	Sign, Type IIIB	8100405	81.000	Sft
0320	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	8.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, Bike	8110056	8.000	Ea
0340	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	8.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0370	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,560.000	Ft
0380	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	6,700.000	Ft
0390	Pavt Mrkg, Regular Dry, 12 inch, White	8110131	815.000	Ft
0400	Rem Spec Mrkg	8110343	1,500.000	Sft
0410	_ Pavement Marking, Regular Dry, 6 inch, Crosswalk	8117001	1,040.000	Ft
0420	_ Pavt Mrkg, Regular Dry, 12 inch Cross Hatching, Yellow	8117001	850.000	Ft
0430	_ Pavt Mrkg, Regular Dry, 24 inch, Stop Bar	8117001	180.000	Ft
0440	_ Pavt Mrkg, Methyl Methacrylate, Width Path, Green	8117010	2,600.000	Sft
0450	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0460	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0470	Lighted Arrow, Type A, Furn	8120120	2.000	Ea
0480	Lighted Arrow, Type A, Oper	8120121	2.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	13,100.000	Ft
0510	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	280.000	Ft
0520	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0530	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	Riprap, Plain	8130010	6.000	Syd
0580	Site Preparation, Max \$2,000	8150001	1.000	LSUM
0590	Watering and Cultivating, First Season, Min \$1,000	8150002	1.000	LSUM
0600	Watering and Cultivating, Second Season, Min \$1,000	8150003	1.000	LSUM
0610	Diervilla lonicera, #2 cont.	8151219	44.000	Ea
0620	Panicum virgatum Northwind, #2 cont.	8152573	67.000	Ea
0630	Quercus robur, 2 inch	8153113	9.000	Ea
0640	Sporobolus heterolepis, #1 cont.	8153644	36.000	Ea
0650	_ Juniperus Sabina Var Tamariscifolia, #1 cont.	8157050	26.000	Ea
0660	_ Lonicera Xylosteum 'Emerald Mound', #1 cont.	8157050	57.000	Ea
0670	_ Potentilla Fruiticosa 'Gold Drop', #1 cont.	8157050	57.000	Ea
0680	Mulch Blanket	8160027	500.000	Syd
0690	Topsoil Surface, Furn, 9 inch	8160067	785.000	Syd
0700	Slope Restoration, Type A	8160100	1,270.000	Syd

0710	_ Turf Reinforcement Mat, Permanent	8167011	660.000	Syd
0720	Conduit, Schedule 40, 3 inch	8190149	930.000	Ft
0730	_ Sanitary Manhole Casting, Adjust Case 1	8257050	1.000	Ea
0740	_ Sanitary Manhole Casting, Adjust Case 2	8257050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180302 027

Letting Date: March 2, 2018

Contract ID: 26000-129258

Description: Preventive maintenance on Porter Street over Tobacco River in the city of Beaverton, Gladwin County.
This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129258A	1800174	N/A	BHT 26000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,500.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	271.000	Ft
0030	Sidewalk, Rem	2040055	34.000	Syd
0040	Exploratory Investigation, Vertical	2040080	55.000	Ft
0050	Embankment, CIP	2050010	12.000	Cyd
0060	Excavation, Earth	2050016	260.000	Cyd
0070	Erosion Control, Silt Fence	2080036	300.000	Ft
0080	Subbase, CIP	3010002	132.000	Cyd
0090	Aggregate Base, 6 inch	3020016	531.000	Syd
0100	Shoulder, CI II, 4 inch	3070126	95.000	Syd
0110	Underdrain, Subgrade, 4 inch	4040071	300.000	Ft
0120	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0130	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0140	HMA Surface, Rem	5010005	333.000	Syd
0150	HMA Approach	5010061	15.000	Ton
0160	Sidewalk, Conc, 4 inch	8030044	452.000	Sft
0170	Guardrail, Type B	8070000	13.000	Ft
0180	Guardrail Anch, Bridge, Det T3	8070024	2.000	Ea
0190	Guardrail Anch, Bridge, Det T4	8070025	1.000	Ea
0200	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0210	Guardrail Approach Terminal, Type 1T	8070041	1.000	Ea
0220	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0230	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0240	Guardrail Post, Culv	8070070	15.000	Ea
0250	Guardrail Reflector	8070080	14.000	Ea
0260	Guardrail Anch Bridge, Det T4, Modified	8070124	1.000	Ea
0270	_ Timber Backing	8077001	29.000	Ft
0280	Post, Steel, 3 lb	8100371	68.000	Ft

0290	Sign, Type III, Rem	8100403	4.000	Ea
0300	Sign, Type IIIB	8100405	15.000	Sft
0310	Sign, Type VB	8100425	16.000	Sft
0320	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,247.000	Ft
0330	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,640.000	Ft
0340	Recessing Pavt Mrkg, Longit	8110450	2,887.000	Ft
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	357.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	357.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	39.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	39.000	Sft
0420	_ Pedestrian Type II Barricade, Temp	8127050	2.000	Ea
0430	_ Turf Establishment, Performance, Special	8167011	366.000	Syd
0440	Guy, Rem	8200167	1.000	Ea

Section: 2

0450	_ Debris, Rem	2047051	1.000	LSUM
0460	HMA, LVSP	5010703	132.000	Ton
0470	_ HMA Surface, Rem, Modified	5017011	533.000	Syd
0480	False Decking	7060060	4,000.000	Sft
0490	Reinforcement, Steel, Epoxy Coated	7060092	100.000	Lb
0500	_ Beam Repair, Latex Modified Conc	7067020	4.000	Cft
0510	Joint Waterproofing	7100001	110.000	Sft
0520	Membrane, Preformed Waterproofing	7100008	4,800.000	Sft
0530	_ Silane Treatment	7107010	4,350.000	Sft
0540	Hand Chipping, Other Than Deck	7120007	44.000	Cft
0550	Patch, Forming	7120017	101.000	Sft
0560	Patching Conc, C-L	7120112	2.000	Cyd
0570	Embedded Galvanic Anode	7120120	40.000	Ea
0580	_ Hand Chipping, Special	7127010	18.000	Sft
0590	_ Shear Strengthening System with FRP Sheet	7127010	40.000	Sft
0600	Protective Shield, Utility Pipe	7150025	600.000	Ft
0610	_ Safety Chain Assembly	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180302 028

Letting Date: March 2, 2018

Contract ID: 50000-202024

Description: 1.92 mi of hot mix asphalt cold milling and resurfacing, concrete base course repair, concrete curb and gutter, detail 7 joint repair and pavement markings on Hoover Road from 11 Mile Road to 13 Mile Road, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202024A	1800284	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursable Permit Fees	1027060	2,500.000	Dlr
0020	Mobilization, Max \$285,800.00	1500001	1.000	LSUM
0030	Pavt, Rem	2040050	3,480.000	Syd
0040	Sidewalk, Rem	2040055	1,245.000	Syd
0050	_ Curb and Gutter, Rem, Modified	2047001	9,781.000	Ft
0060	_ Misc Excavation, Earth	2057021	40.000	Cyd
0070	_ Subgrade Undercutting, Modified	2057021	750.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	72.000	Ea
0090	Maintenance Gravel	3060020	500.000	Ton
0100	Dr Structure Cover, Adj, Case 1	4030005	102.000	Ea
0110	Dr Structure, Adj, Add Depth	4030280	15.000	Ft
0120	_ Catch Basin Cover	4037050	57.000	Ea
0130	_ External Structure Wrap, 18 inch	4037050	102.000	Ea
0140	_ Gate Well Cover	4037050	7.000	Ea
0150	_ HDPE Structure Adjustment Ring	4037050	202.000	Ea
0160	_ Sanitary Manhole Cover	4037050	4.000	Ea
0170	_ Storm Manhole Cover	4037050	31.000	Ea
0180	_ Storm Manhole Cover, County Drain	4037050	2.000	Ea
0190	_ Utility Structure Cover, Adj, Case 1	4037050	1.000	Ea
0200	Pavt, Cleaning	5010001	1.000	LSUM
0210	Pavt Joint and Crack Repr, Det 7	5010020	5,300.000	Ft
0220	Hand Patching	5010025	475.000	Ton
0230	HMA, 5E10	5010058	10,836.000	Ton
0240	_ Cold Milling Pavt	5017011	59,182.000	Syd
0250	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	612.000	Syd
0260	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	769.000	Syd
0270	Joint, Expansion, E2	6020207	75.000	Ft

0280	Joint, Expansion, Erg	6030021	150.000	Ft
0290	Lane Tie, Epoxy Anchored	6030030	4,500.000	Ea
0300	Pavt Repr, Nonreinf Conc, 9 inch	6030046	3,565.000	Syd
0310	_ Pavt Repr, Rem, Modified	6037011	3,565.000	Syd
0320	Driveway, Nonreinf Conc, 6 inch	8010005	186.000	Syd
0330	Driveway, Nonreinf Conc, 8 inch	8010007	2,261.000	Syd
0340	_ Curb and Gutter, Conc, Det F3, Modified	8027001	9,131.000	Ft
0350	_ Driveway Opening, Conc, Det M, Modified	8027001	2,768.000	Ft
0360	Detectable Warning Surface	8030010	233.000	Ft
0370	Curb Ramp Opening, Conc	8030030	190.000	Ft
0380	Sidewalk Ramp, Conc, 4 inch	8030034	3,690.000	Sft
0390	Sidewalk, Conc, 4 inch	8030044	147.000	Sft
0400	Sidewalk, Conc, 6 inch	8030046	5,463.000	Sft
0410	_ Sidewalk Ramp, Conc, 8 inch	8037010	1,692.000	Sft
0420	_ Sidewalk, Conc, 8 inch	8037010	423.000	Sft
0430	Band, Sign	8100010	2.000	Ea
0440	Post, Steel, 3 lb	8100371	860.000	Ft
0450	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0460	Sign, Type III, Rem	8100403	89.000	Ea
0470	Sign, Type IIIA	8100404	50.000	Sft
0480	Sign, Type IIIB	8100405	510.000	Sft
0490	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,300.000	Ft
0500	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	700.000	Ft
0510	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	9,000.000	Ft
0520	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	34,000.000	Ft
0530	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0540	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	14.000	Ea
0550	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	10.000	Ea
0560	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	2.000	Ea
0570	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0580	Recessing Pavt Mrkg, Longit	8110450	43,000.000	Ft
0590	Recessing Pavt Mrkg, Transv	8110451	3,000.000	Sft
0600	Barricade, Type III, High Intensity, Lighted, Furn	8120022	75.000	Ea
0610	Barricade, Type III, High Intensity, Lighted, Oper	8120023	75.000	Ea
0620	Channelizing Device, 42 inch, Furn	8120030	25.000	Ea
0630	Channelizing Device, 42 inch, Oper	8120031	25.000	Ea
0640	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0650	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0660	Minor Traf Devices	8120170	1.000	LSUM
0670	Part Width Intersection Construction	8120190	5.000	Ea
0680	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	19,750.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	10,345.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	21,390.000	Ft

0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	15,145.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	26,900.000	Ft
0730	Plastic Drum, High Intensity, Furn	8120250	450.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	450.000	Ea
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	424.000	Ft
0760	Sign Cover	8120310	20.000	Ea
0770	Sign, Type B, Temp, Prismatic, Furn	8120350	1,850.000	Sft
0780	Sign, Type B, Temp, Prismatic, Oper	8120351	1,850.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0800	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0810	Traf Regulator Control	8120370	1.000	LSUM
0820	_ Pedestrian Path, Temp	8127010	2,000.000	Sft
0830	_ Pedestrian Type II Barricade, Temp	8127050	35.000	Ea
0840	Sodding	8160055	3,100.000	Syd
0850	Topsoil Surface, Furn, 4 inch	8160062	3,100.000	Syd
0860	Water, Sodding/Seeding	8160090	175.000	Unit
0870	Hh, Adj	8190244	1.000	Ea
0880	Case Sign Panel	8200003	5.000	Ea
0890	Case Sign Panel, Rem	8200004	10.000	Ea
0900	Case Sign Panel, Salv	8200005	5.000	Ea
0910	Fdn, Rem	8200065	11.000	Ea
0920	Span Wire	8200140	2.000	Ea
0930	Steel Pole, Rem	8200145	11.000	Ea
0940	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0950	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0960	Case Sign, Non-Illuminated, Salv	8200431	4.000	Ea
0970	Case Sign, Non-Illuminated, Rem	8200432	8.000	Ea
0980	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	4.000	Ea
0990	TS, Bag	8200450	13.000	Ea
1000	TS, Bag, Rem	8200451	13.000	Ea
1010	TS Head, Temp	8200453	8.000	Ea
1020	_ Case Sign, Temp	8207050	8.000	Ea
1030	Monument Preservation	8210010	2.000	Ea
1040	Gate Box, Adj, Case 1	8230431	1.000	Ea
1050	_ Irrigation Pipe	8237001	100.000	Ft
1060	_ Sprinkler Head	8237050	5.000	Ea
1070	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM



2/2/2018 9:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 029

Letting Date: March 2, 2018

Contract ID: 25000-130617

Description: 1.13 mi of hot mix asphalt surfacing, pavement removal, concrete curb and gutter, earth excavation, aggregate base and shoulder, storm sewer, drainage, pavement repairs and guardrail on Fenton Road from Cook Road to Grand Blanc Road, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130617A	N/A	N/A	EDC 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$249,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.500	Acre
0030	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	45.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	7.000	Ea
0060	Dr Structure, Rem	2030011	6.000	Ea
0070	Guardrail, Rem	2040035	700.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0090	_ Pavt, Rem, Modified	2047011	15,500.000	Syd
0100	Embankment, CIP	2050010	3,900.000	Cyd
0110	Excavation, Earth	2050016	7,200.000	Cyd
0120	_ Subgrade Undercutting, Type II, Modified	2057021	1,500.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0150	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0160	_ Aggregate Base, 7 inch, Modified	3027011	20,500.000	Syd
0170	_ Maintenance Gravel, Modified	3067031	500.000	Ton
0180	_ Shoulder, CI II, 6 inch, Modified	3077011	4,200.000	Syd
0190	_ Approach, CI II, Modified	3077031	50.000	Ton
0200	_ Shoulder, CI II, Modified	3077031	100.000	Ton
0210	Geotextile, Stabilization	3080010	7,500.000	Syd
0220	Culv End Sect, Grate	4010083	200.000	Lb
0230	Culv End Sect, Metal, 12 inch	4010094	50.000	Ea
0240	Culv End Sect, Metal, 15 inch	4010095	30.000	Ea
0250	Culv, CI F, CSP, 12 inch	4010675	600.000	Ft
0260	Culv, CI F, CSP, 15 inch	4010676	450.000	Ft
0270	Culv, CI F, CSP, 18 inch	4010677	120.000	Ft

0280	Culv, CI F, CSP, 24 inch	4010678	60.000	Ft
0290	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	7.000	Ea
0300	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	7.000	Ea
0310	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 19 inch by 30 inch, Longit	4011051	1.000	Ea
0320	Dr Marker Post	4011109	8.000	Ea
0330	Sewer, CI A, 6 inch, Tr Det A	4020001	10.000	Ft
0340	Sewer, CI A, 12 inch, Tr Det B	4020033	75.000	Ft
0350	Sewer, CI A, 15 inch, Tr Det B	4020034	50.000	Ft
0360	Sewer, CI A, 18 inch, Tr Det B	4020035	100.000	Ft
0370	Sewer, CI IV, 15 inch, Tr Det A	4020961	250.000	Ft
0380	Sewer, CI IV, 18 inch, Tr Det A	4020962	30.000	Ft
0390	Sewer, CI IV, 12 inch, Tr Det B	4020987	225.000	Ft
0400	Sewer, CI IV, 15 inch, Tr Det B	4020988	200.000	Ft
0410	Sewer, CI IV, 18 inch, Tr Det B	4020989	100.000	Ft
0420	Sewer, CI IV, 24 inch, Tr Det B	4020993	110.000	Ft
0430	Sewer Tap, 4 inch	4021200	3.000	Ea
0440	Sewer Tap, 6 inch	4021201	2.000	Ea
0450	Sewer Tap, 12 inch	4021204	1.000	Ea
0460	Sewer Tap, 18 inch	4021206	1.000	Ea
0470	Video Taping Sewer and Culv Pipe	4021275	2,000.000	Ft
0480	Sewer, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch, Tr Det B	4021451	60.000	Ft
0490	_ House Drain, 4 inch, Special	4027001	200.000	Ft
0500	_ House Drain, 6 inch, Special	4027001	50.000	Ft
0510	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0520	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0530	Dr Structure Cover, Type B	4030010	6.000	Ea
0540	Dr Structure Cover, Type E	4030035	6.000	Ea
0550	Dr Structure Cover, Type G	4030040	2.000	Ea
0560	Dr Structure Cover, Type K	4030050	7.000	Ea
0570	Dr Structure, 24 inch dia	4030200	6.000	Ea
0580	Dr Structure, 48 inch dia	4030210	10.000	Ea
0590	Dr Structure, Adj, Add Depth	4030280	50.000	Ft
0600	Dr Structure, Tap, 4 inch	4030304	10.000	Ea
0610	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0620	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0630	Underdrain, Subgrade, 4 inch	4040071	1,000.000	Ft
0640	Underdrain Outlet, 4 inch	4040091	120.000	Ft
0650	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0660	Cold Milling HMA Surface	5010002	12,000.000	Syd
0670	Pavt for Butt Joints, Rem	5010008	270.000	Syd
0680	Hand Patching	5010025	350.000	Ton
0690	HMA, 13A	5010033	300.000	Ton
0700	HMA, 36A	5010034	350.000	Ton

0710	HMA, 3E3	5010045	7,500.000	Ton
0720	HMA, 4E3	5010051	3,650.000	Ton
0730	HMA, 5E3	5010057	2,800.000	Ton
0740	_ Pavement Repair Membrane	5017001	230.000	Ft
0750	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	600.000	Ft
0760	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	200.000	Ft
0770	_ HMA Driveway Approach, 5 inch, Special	5017011	1,700.000	Syd
0780	Conc Base Cse, Nonreinf, 10 inch	6020023	50.000	Syd
0790	Cement	6030005	10.000	Ton
0800	Lane Tie, Epoxy Anchored	6030030	150.000	Ea
0810	_ Driveway, Nonreinf Conc, 5 inch, Modified	8017011	175.000	Syd
0820	Curb and Gutter, Conc, Det B2	8020016	500.000	Ft
0830	Curb and Gutter, Conc, Det C4	8020023	900.000	Ft
0840	Curb and Gutter, Conc, Det F4	8020038	450.000	Ft
0850	Driveway Opening, Conc, Det M	8020050	325.000	Ft
0860	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0870	Spillway, Conc	8020075	50.000	Ft
0880	Guardrail, Type B	8070000	650.000	Ft
0890	Guardrail, Curved, Type B	8070010	113.000	Ft
0900	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0910	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0920	Guardrail Reflector	8070080	50.000	Ea
0930	_ Guardrail, Backed, Det G1, Modified	8077050	2.000	Ea
0940	_ Guardrail, Backed, Det G2, Modified	8077050	2.000	Ea
0950	_ Post, Mailbox, Modified	8077050	41.000	Ea
0960	Post, Steel, 3 lb	8100371	620.000	Ft
0970	Sign, Type II, Rem	8100397	1.000	Ea
0980	Sign, Type IIA	8100398	12.000	Sft
0990	Sign, Type III, Rem	8100403	35.000	Ea
1000	Sign, Type IIIA	8100404	80.000	Sft
1010	Sign, Type IIIB	8100405	245.000	Sft
1020	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	40.000	Ft
1030	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
1040	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
1050	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
1060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,100.000	Ft
1070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,100.000	Ft
1080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,100.000	Ft
1090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,100.000	Ft
1100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
1110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
1120	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1130	Lighted Arrow, Type C, Oper	8120141	3.000	Ea

1140	Minor Traf Devices	8120170	1.000	LSUM
1150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
1160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
1170	Plastic Drum, High Intensity, Furn	8120250	220.000	Ea
1180	Plastic Drum, High Intensity, Oper	8120251	220.000	Ea
1190	Sign Cover	8120310	10.000	Ea
1200	Sign, Type B, Temp, Prismatic, Furn	8120350	1,350.000	Sft
1210	Sign, Type B, Temp, Prismatic, Oper	8120351	1,350.000	Sft
1220	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	450.000	Sft
1230	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	450.000	Sft
1240	Traf Regulator Control	8120370	1.000	LSUM
1250	_ Riprap, Plain, Modified	8137011	50.000	Syd
1260	_ Ditch, Plain Cobble, Modified	8147011	300.000	Syd
1270	_ Slope Restoration, Modified	8167011	15,000.000	Syd
1280	Monument Box	8210001	2.000	Ea
1290	Monument Preservation	8210010	2.000	Ea
1300	_ Adjusting Water Manhole, Additional Depth, Special	8237001	5.000	Ft
1310	_ Adjusting Water Manhole Cover, Case 1, Special	8237050	1.000	Ea
1320	_ Adjusting Water Manhole Cover, Case 2, Special	8237050	1.000	Ea
1330	_ Adjusting Sanitary Sewer Manhole, Additional Depth, Special	8257001	25.000	Ft
1340	_ Adjusting Sanitary Sewer Manhole Cover, Case 1, Special	8257050	3.000	Ea
1350	_ Adjusting Sanitary Sewer Manhole Cover, Case 2, Special	8257050	10.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180302 030

Letting Date: March 2, 2018

Contract ID: 41000-130755

Description: 1.59 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete pavement, concrete curb, gutter and ramps, storm and sanitary sewer, watermain, signing, traffic signal and pavement markings on Breton Avenue from 44th Street to north of 32nd Street in the cities of Kentwood and Grand Rapids, Kent County. This is a local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130755A	1800295	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$250,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0040	Dr Structure, Rem	2030011	13.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	900.000	Ft
0060	Sewer, Rem, 24 inch to 48 inch	2030016	365.000	Ft
0070	Curb and Gutter, Rem	2040020	1,635.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	20.000	Cyd
0090	Sidewalk, Rem	2040055	850.000	Syd
0100	Exploratory Investigation, Vertical	2040080	50.000	Ft
0110	_ Pavt, Rem, Modified	2047011	11,280.000	Syd
0120	Excavation, Earth	2050016	2,635.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	64.000	Ea
0150	Erosion Control, Silt Fence	2080036	500.000	Ft
0160	Project Cleanup	2090001	1.000	LSUM
0170	Aggregate Base, 4 inch	3020010	8,770.000	Syd
0180	Aggregate Base, 6 inch	3020016	270.000	Syd
0190	HMA Base Crushing and Shaping	3050002	41,385.000	Syd
0200	Material, Surplus and Unsuitable, Rem, LM	3050010	6,905.000	Cyd
0210	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0220	Sewer, Cl E, 12 inch, Tr Det B	4020600	570.000	Ft
0230	Sewer, Cl E, 24 inch, Tr Det B	4020603	328.000	Ft
0240	Sewer, Cl E, 30 inch, Tr Det B	4020604	24.000	Ft
0250	Sewer Tap, 6 inch	4021201	6.000	Ea
0260	Sewer Tap, 12 inch	4021204	16.000	Ea
0270	Sewer Tap, 18 inch	4021206	3.000	Ea

0280	Sewer Tap, 24 inch	4021207	5.000	Ea
0290	Video Taping Sewer and Culv Pipe	4021275	1,150.000	Ft
0300	_ Sewer, CI E, 21 inch, Tr Det B	4027001	48.000	Ft
0310	_ Sewer, DIP, 12 inch	4027001	166.000	Ft
0320	Dr Structure Cover, Adj, Case 1	4030005	65.000	Ea
0330	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0340	Dr Structure Cover, Type K	4030050	2.000	Ea
0350	Dr Structure, 48 inch dia	4030210	10.000	Ea
0360	Dr Structure, 60 inch dia	4030220	4.000	Ea
0370	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
0380	Dr Structure, Temp Lowering	4030390	59.000	Ea
0390	_ Dr Structure, Rehabilitation	4037001	70.000	Ft
0400	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0410	_ Dr Structure Cover, Type B, Modified	4037050	35.000	Ea
0420	_ Dr Structure Cover, Type BB, Modified	4037050	11.000	Ea
0430	_ Dr Structure Cover, Type Q, Modified	4037050	32.000	Ea
0440	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0450	Hand Patching	5010025	222.000	Ton
0460	HMA, 4E1	5010050	11,275.000	Ton
0470	HMA, 5E1	5010056	3,765.000	Ton
0480	HMA Approach	5010061	100.000	Ton
0490	_ HMA Surface, Rem, Modified	5017011	2,520.000	Syd
0500	Conc Base Cse, Nonreinf, 6 inch	6020015	50.000	Syd
0510	Conc Pavt, Nonreinf, 9 inch	6020106	10,285.000	Syd
0520	Joint, Contraction, Cp	6020200	9,000.000	Ft
0530	Joint, Expansion, E2	6020207	165.000	Ft
0540	Joint, Plane-of-Weakness W, Intersection	6020310	2,000.000	Ft
0550	Joint, Tied, Trg	6030023	110.000	Ft
0560	Driveway, Nonreinf Conc, 6 inch	8010005	356.000	Syd
0570	Curb, Conc, Det E2	8020002	126.000	Ft
0580	Curb and Gutter, Conc, Det F4	8020038	60.000	Ft
0590	Curb and Gutter, Conc, Det F5	8020039	2,550.000	Ft
0600	Driveway Opening, Conc, Det M	8020050	238.000	Ft
0610	_ Curb and Gutter, Conc, Det F3, Modified	8027001	1,403.000	Ft
0620	_ Curb and Gutter, Conc, Det F6, Modified	8027001	730.000	Ft
0630	Curb Ramp Opening, Conc	8030030	465.000	Ft
0640	Sidewalk Ramp, Conc, 6 inch	8030036	3,205.000	Sft
0650	Sidewalk, Conc, 4 inch	8030044	3,240.000	Sft
0660	Sidewalk, Conc, 6 inch	8030046	380.000	Sft
0670	_ Dectectable Warning Surface, Modified	8037001	250.000	Ft
0680	_ Sidewalk, Conc, Decorative, 6 inch	8037010	1,180.000	Sft
0690	Post, Steel, 3 lb	8100371	522.000	Ft
0700	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0710	Sign, Type III, Rem	8100403	57.000	Ea
0720	Sign, Type IIIA	8100404	48.000	Sft

0730	Sign, Type IIIB	8100405	211.000	Sft
0740	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,410.000	Ft
0750	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	320.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	150.000	Ft
0770	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	435.000	Ft
0780	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	26.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0800	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,720.000	Ft
0810	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,880.000	Ft
0820	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,650.000	Ft
0830	Rem Curing Compound, for Spec Mrkg	8110321	1,640.000	Sft
0840	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0850	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0860	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0870	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0880	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0890	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0900	Minor Traf Devices	8120170	1.000	LSUM
0910	Part Width Intersection Construction	8120190	2.000	Ea
0920	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0930	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,000.000	Ft
0940	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,000.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	12,000.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,000.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,000.000	Ft
0980	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0990	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
1000	Sign Cover	8120310	20.000	Ea
1010	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1020	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1030	Sign, Type B, Temp, Prismatic, Furn	8120350	1,750.000	Sft
1040	Sign, Type B, Temp, Prismatic, Oper	8120351	1,750.000	Sft
1050	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	200.000	Sft
1060	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	200.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1080	_ Pedestrian Type II Barricade, Temp	8127050	25.000	Ea
1090	Riprap, Plain	8130010	10.000	Syd
1100	Slope Restoration, Type B	8160101	4,100.000	Syd
1110	Slope Restoration, Type C	8160102	100.000	Syd
1120	Conduit, DB, 1, 1 1/2 inch	8190027	100.000	Ft
1130	Conduit, DB, 2, 3 inch	8190032	500.000	Ft
1140	Conduit, DB, 3, 3 inch	8190035	125.000	Ft

1150	Hh, Polymer Conc	8190250	6.000	Ea
1160	_ Power Circuit, Conduit and Wiring, 1 inch	8197001	100.000	Ft
1170	_ Electrical Equipment	8197050	1.000	Ea
1180	_ Electrical Handhole	8197050	2.000	Ea
1190	_ Irrigation Control Power	8197050	1.000	Ea
1200	_ Electrical Service Utility Allowance (Est. Cost to Contractor)	8197060	1,000.000	Dlr
1210	Case Sign Panel, Rem	8200004	1.000	Ea
1220	Case Sign, Rem	8200020	1.000	Ea
1230	Controller and Cabinet, Rem	8200030	1.000	Ea
1240	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1250	Controller Fdn, Base Mount	8200045	1.000	Ea
1260	Pedestal, Alum	8200100	3.000	Ea
1270	Pedestal, Fdn	8200105	4.000	Ea
1280	Power Co. (Est. Cost to Contractor)	8200116	2,500.000	Dlr
1290	Pushbutton and Sign	8200121	3.000	Ea
1300	Pushbutton, Rem	8200122	4.000	Ea
1310	Pushbutton Pedestal, Alum	8200123	1.000	Ea
1320	Span Wire	8200140	1.000	Ea
1330	Span Wire Tether	8200142	6.000	Ea
1340	Strain Pole, Steel, Anchor Base, 30 foot	8200155	1.000	Ea
1350	Strain Pole, Steel, Anchor Fdn	8200165	1.000	Ea
1360	Traf Loop	8200170	6.000	Ea
1370	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1380	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1390	TS, One Way Span Wire Mtd (LED)	8200313	1.000	Ea
1400	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
1410	TS, Two Way Span Wire Mtd (LED)	8200322	1.000	Ea
1420	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1430	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
1440	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1450	Bracket, Truss, With 9 Foot Arm	8200375	1.000	Ea
1460	TS Head, Temp	8200453	8.000	Ea
1470	Casing	8200480	9.000	Ft
1480	Backplate, TS	8200501	20.000	Ea
1490	_ Inside Signal Support Plate	8207050	6.000	Ea
1500	_ Outside Signal Support Plate	8207050	6.000	Ea
1510	_ Steel Pole Mounting Hub	8207050	1.000	Ea
1520	_ TS, Managed Field Ethernet Switch, Layer 2, Copper, Mod	8207050	1.000	Ea
1530	_ Video Traf Detection Camera, Modified	8207050	1.000	Ea
1540	_ Video Traf Detection System, Modified	8207050	1.000	Ea
1550	_ Controller Cabinet Wiring Diagram	8207051	1.000	LSUM
1560	Monument Box	8210001	2.000	Ea

1570	Monument Box Adjust	8210005	2.000	Ea
1580	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
1590	Gate Box, Adj, Case 2	8230432	4.000	Ea
1600	_ Copper Water Service Pipe, 1 inch	8237001	385.000	Ft
1610	_ Gate Box, Adj, Case1, Modified	8237050	31.000	Ea
1620	_ Gate Well Cover, Adj, Case 1	8237050	11.000	Ea
1630	_ Water Service, 1 inch	8237050	6.000	Ea
1640	_ Water Shutoff, Adj, Case 1, Modified	8237050	2.000	Ea
1650	_ San Lateral, 6 inch	8257001	384.000	Ft
1660	_ San Sewer, Connection	8257050	8.000	Ea
1670	Fiber Optic, Cable, Single Mode Fiber, 12F	8260047	800.000	Ft
1680	Tracer Wire	8260070	550.000	Ft
1690	Fiber Optic, Pigtail	8260071	12.000	Ea
1700	Fiber Optic, Jumper	8260072	12.000	Ea
1710	System Integration and Testing	8260160	1.000	LSUM
1720	_ Fiber Optic, Splice Enclosure, Rack - Mounted, Small	8267050	2.000	Ea
1730	_ 1 inch - 1.25 inch Poly Lateral Pipe	8507001	1,440.000	Ft
1740	_ 2 inch PVC Mainline Pipe	8507001	200.000	Ft
1750	_ Conduit, DB, 4 inch	8507001	150.000	Ft
1760	_ 1 inch Electric Valve	8507050	4.000	Ea
1770	_ 1 inch Quick Coupler Valve	8507050	1.000	Ea
1780	_ 1.5 inch Backflow & Enclosure	8507050	1.000	Ea
1790	_ 1.5 inch Water Service & Meter Pit	8507050	1.000	Ea
1800	_ 12 Sta Controller & Pedestal	8507050	1.000	Ea
1810	_ 4 inch Fixed Spray Sprinkler Head	8507050	89.000	Ea
1820	_ Water Main Tap Fee (Est. Cost to Contractor)	8507060	1,000.000	Dlr



2/2/2018 9:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 031

Letting Date: March 2, 2018

Contract ID: 47000-200905

Description: 1.03 mi of hot mix asphalt reconstruction and realignment, drainage, watermain, signing and pavement markings on Challis Road from Interior Drive to Karl Greimel Drive in the city of Brighton, Livingston County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200905A	1800248	N/A	STU 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$221,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	66.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	135.000	Ft
0060	Curb and Gutter, Rem	2040020	751.000	Ft
0070	Guardrail, Rem	2040035	340.000	Ft
0080	Sidewalk, Rem	2040055	32.000	Syd
0090	Exploratory Investigation, Vertical	2040080	100.000	Ft
0100	Embankment, CIP	2050010	10,071.000	Cyd
0110	Excavation, Earth	2050016	15,830.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	36.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0180	Erosion Control, Sediment Trap	2080034	5.000	Ea
0190	Erosion Control, Silt Fence	2080036	8,000.000	Ft
0200	Subbase, CIP	3010002	4,346.000	Cyd
0210	Aggregate Base	3020001	8,674.000	Ton
0220	_ HMA Base Repair, Special	3027011	500.000	Syd
0230	Maintenance Gravel	3060020	1,000.000	Ton
0240	Shoulder, CI II	3070121	185.000	Ton
0250	Geotextile, Separator	3080005	2,000.000	Syd
0260	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0270	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea

0280	Culv End Sect, Conc, 36 inch	4010053	1.000	Ea
0290	Dr Marker Post	4011109	5.000	Ea
0300	Sewer, Cl A, 12 inch, Tr Det B	4020033	2,450.000	Ft
0310	Sewer, Cl A, 15 inch, Tr Det B	4020034	166.000	Ft
0320	Sewer, Cl A, 18 inch, Tr Det B	4020035	60.000	Ft
0330	Sewer, Cl A, 24 inch, Tr Det B	4020036	109.000	Ft
0340	Sewer, Cl A, 36 inch, Tr Det B	4020038	146.000	Ft
0350	Sewer Tap, 15 inch	4021205	1.000	Ea
0360	Trench Undercut and Backfill	4021260	50.000	Cyd
0370	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0380	Dr Structure Cover, Type B	4030010	2.000	Ea
0390	Dr Structure Cover, Type C	4030015	1.000	Ea
0400	Dr Structure Cover, Type J	4030045	23.000	Ea
0410	Dr Structure, 24 inch dia	4030200	7.000	Ea
0420	Dr Structure, 48 inch dia	4030210	18.000	Ea
0430	Dr Structure, 60 inch dia	4030220	1.000	Ea
0440	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	2.000	Ft
0450	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	5.000	Ft
0460	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0470	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0480	Dr Structure, Tap, 36 inch	4030336	1.000	Ea
0490	Underdrain, Subbase, 6 inch	4040063	6,656.000	Ft
0500	Underdrain Outlet, 6 inch	4040093	300.000	Ft
0510	Underdrain, Outlet Ending, 6 inch	4040113	15.000	Ea
0520	Pavt, Cleaning	5010001	1.000	LSUM
0530	Cold Milling HMA Surface	5010002	14,014.000	Syd
0540	HMA Surface, Rem	5010005	10,715.000	Syd
0550	HMA, 3E3	5010045	2,328.000	Ton
0560	HMA, 4E3	5010051	725.000	Ton
0570	HMA, 5E3	5010057	544.000	Ton
0580	HMA Approach	5010061	462.000	Ton
0590	HMA, 4E3, High Stress	5010509	1,286.000	Ton
0600	HMA, 5E3, High Stress	5010515	2,153.000	Ton
0610	HMA Approach, High Stress	5010520	337.000	Ton
0620	Curb and Gutter, Conc, Det B2	8020016	5,391.000	Ft
0630	Curb and Gutter, Conc, Det D2	8020031	186.000	Ft
0640	Curb and Gutter, Conc, Det F4	8020038	15.000	Ft
0650	Driveway Opening, Conc, Det M	8020050	229.000	Ft
0660	Detectable Warning Surface	8030010	48.000	Ft
0670	Curb Ramp Opening, Conc	8030030	80.000	Ft
0680	Sidewalk Ramp, Conc, 6 inch	8030036	556.000	Sft
0690	Sidewalk, Conc, 4 inch	8030044	15,643.000	Sft
0700	Guardrail, Type B	8070000	238.000	Ft

0710	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0720	Guardrail Reflector	8070080	10.000	Ea
0730	Post, Mailbox	8070095	5.000	Ea
0740	Delineator Reflector, Green	8100133	4.000	Ea
0750	Post, Rigid, Delineator	8100361	4.000	Ea
0760	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	148.000	Ft
0770	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0810	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0820	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0830	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	3,791.000	Ft
0840	Pavt Mrkg, Wet Retrflec Waterborne, 8 inch, White	8110482	395.000	Ft
0850	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	12,014.000	Ft
0860	Pavt Mrkg, Wet Retrflec Waterborne, 12 inch, Yellow	8110487	106.000	Ft
0870	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0890	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0900	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0910	Ltg for Night Work	8120160	1.000	LSUM
0920	Minor Traf Devices	8120170	1.000	LSUM
0930	Mobile Attenuator	8120180	1.000	Ea
0940	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,800.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,349.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,000.000	Ft
0980	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0990	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
1000	Sign Cover	8120310	10.000	Ea
1010	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1020	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1030	Sign, Type B, Temp, Prismatic, Furn	8120350	575.000	Sft
1040	Sign, Type B, Temp, Prismatic, Oper	8120351	575.000	Sft
1050	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	300.000	Sft
1060	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	300.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1080	Riprap, Plain	8130010	128.000	Syd
1090	Slope Restoration, Type A	8160100	622.000	Syd
1100	Slope Restoration, Type B	8160101	14,023.000	Syd

1110	Slope Restoration, Type D	8160103	201.000	Syd
1120	Traf Loop	8200170	4.000	Ea
1130	Monument Preservation	8210010	2.000	Ea
1140	Protect Corners	8210020	9.000	Ea
1150	Fire Hydrant	8230040	4.000	Ea
1160	Gate Valve, 16 inch	8230065	2.000	Ea
1170	Hydrant, Rem	8230091	4.000	Ea
1180	Water Main, DI, 8 inch, Tr Det F	8230155	6.000	Ft
1190	Water Main, DI, 12 inch, Tr Det F	8230165	12.000	Ft
1200	Water Main, DI, 16 inch, Tr Det F	8230170	1,808.000	Ft
1210	Water Main, DI, 16 inch, Tr Det G	8230171	495.000	Ft
1220	Water Serv	8230240	1.000	Ea
1230	Water Serv, Long	8230245	2.000	Ea
1240	Gate Well, 48 inch dia	8230348	2.000	Ea
1250	Gate Box, Adj, Case 1	8230431	1.000	Ea
1260	Gate Box, Adj, Case 2	8230432	2.000	Ea
1270	_ Water Main Conflict, 16 inch	8237050	1.000	Ea
1280	_ Water Main Line Stop, 16 inch	8237050	2.000	Ea
1290	Flowable Fill, Non-Structural	8260148	123.000	Cyd
1300	_ Railroad Protection,at Grade Crossing	8507060	21,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180302 032

Letting Date: March 2, 2018

Contract ID: 50000-201857

Description: 0.55 mi of removal and replacement of concrete pavement, integral curb and gutter, replacement of storm drain, sidewalk and ADA ramps, signing and pavement markings on Toepfer Drive from Boulder Avenue to David Avenue in the city of Eastpointe, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201857A	1800308	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursable Permit Fees	1027060	821.000	Dlr
0020	Mobilization, Max \$163,200.00	1500001	1.000	LSUM
0030	Stump, Rem, 19 inch to 36 inch	2020006	6.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0050	Dr Structure, Rem	2030011	29.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	1,092.000	Ft
0070	_ Dr Structure, Abandon, Modified	2037050	1.000	Ea
0080	Pavt, Rem	2040050	15,900.000	Syd
0090	Sidewalk, Rem	2040055	975.000	Syd
0100	Exploratory Investigation, Vertical	2040080	50.000	Ft
0110	_ Gas Main, Abandoned, Rem	2047001	300.000	Ft
0120	_ Water Main, Rem	2047001	50.000	Ft
0130	_ Fence Post, Rem	2047050	3.000	Ea
0140	Granular Material, CI II	2050023	15.000	Cyd
0150	Subgrade Undercutting, Type I	2050040	100.000	Cyd
0160	_ Station Grading	2057002	29.000	Sta
0170	_ Subgrade Undercutting, Modified	2057021	350.000	Cyd
0180	_ Erosion Control, Inlet Filter	2087050	44.000	Ea
0190	Project Cleanup	2090001	1.000	LSUM
0200	Aggregate Base, 4 inch	3020010	145.000	Syd
0210	Aggregate Base, 8 inch	3020020	65.000	Syd
0220	Aggregate Base, 10 inch	3020026	17,500.000	Syd
0230	Aggregate Base, 11 inch	3020028	135.000	Syd
0240	Maintenance Gravel	3060020	300.000	Ton
0250	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,495.000	Ft
0260	Sewer Bulkhead, 12 inch	4021230	2.000	Ea
0270	Trench Undercut and Backfill	4021260	25.000	Cyd

0280	Video Taping Sewer and Culv Pipe	4021275	1,525.000	Ft
0290	_ Sewer, 12 inch, Dewater and Grout Solid	4027001	254.000	Ft
0300	_ Sewer, Sch40 PVC, 12 inch, Tr Det B	4027001	30.000	Ft
0310	_ External Structure Wrap, 18 inch	4027050	23.000	Ea
0320	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0330	Dr Structure, 24 inch dia	4030200	11.000	Ea
0340	Dr Structure, 48 inch dia	4030210	28.000	Ea
0350	Dr Structure, 60 inch dia	4030220	1.000	Ea
0360	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0370	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0380	_ Catch Basin Cover	4037050	31.000	Ea
0390	_ Dr Structure Trap, 12 inch	4037050	8.000	Ea
0400	_ Dr Structure, 36 inch dia	4037050	2.000	Ea
0410	_ Sanitary Manhole Cover	4037050	1.000	Ea
0420	_ Storm Manhole Cover	4037050	11.000	Ea
0430	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	5,943.000	Ft
0440	Cold Milling HMA Surface	5010002	13,603.000	Syd
0450	HMA Surface, Rem	5010005	10.000	Syd
0460	HMA, 13A	5010033	3.000	Ton
0470	_ HMA, Temp, 2 inch	5017031	90.000	Ton
0480	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	14,785.000	Syd
0490	Joint, Expansion, E3	6020208	380.000	Ft
0500	Joint, Plane-of-Weakness, W	6020211	9,425.000	Ft
0510	Joint, Plane-of-Weakness W, Intersection	6020310	2,392.000	Ft
0520	Cement	6030005	1.000	Ton
0530	Lane Tie, Epoxy Anchored	6030030	500.000	Ea
0540	Driveway, Nonreinf Conc, 6 inch	8010005	1,775.000	Syd
0550	Driveway, Nonreinf Conc, 8 inch	8010007	53.000	Syd
0560	Driveway Opening, Conc, Det M	8020050	55.000	Ft
0570	Detectable Warning Surface	8030010	160.000	Ft
0580	Curb Ramp Opening, Conc	8030030	228.000	Ft
0590	Sidewalk Ramp, Conc, 4 inch	8030034	3,462.000	Sft
0600	Sidewalk, Conc, 4 inch	8030044	2,926.000	Sft
0610	_ Sidewalk Ramp, Conc, 8 inch	8037010	1,500.000	Sft
0620	_ Sidewalk, Conc, 8 inch	8037010	481.000	Sft
0630	_ Sidewalk, Conc, Curb Face, 4 inch	8037010	60.000	Sft
0640	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0650	Post, Steel, 3 lb	8100371	216.000	Ft
0660	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0670	Sign, Type III, Rem	8100403	15.000	Ea
0680	Sign, Type IIIB	8100405	70.000	Sft
0690	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	345.000	Ft
0700	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	130.000	Ft
0710	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	254.000	Ft
0720	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea

0730	Pavt Mrkg, Polyurea, 4 inch, White	8110091	4,915.000	Ft
0740	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	5,520.000	Ft
0750	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	10,425.000	Ft
0760	Rem Curing Compound, for Spec Mrkg	8110321	790.000	Sft
0770	Recessing Pavt Mrkg, Longit	8110450	10,425.000	Ft
0780	Recessing Pavt Mrkg, Transv	8110451	790.000	Sft
0790	Barricade, Type III, High Intensity, Lighted, Furn	8120022	26.000	Ea
0800	Barricade, Type III, High Intensity, Lighted, Oper	8120023	26.000	Ea
0810	Channelizing Device, 42 inch, Furn	8120030	125.000	Ea
0820	Channelizing Device, 42 inch, Oper	8120031	125.000	Ea
0830	Minor Traf Devices	8120170	1.000	LSUM
0840	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0850	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0860	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0870	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0880	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0890	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0900	Traf Regulator Control	8120370	1.000	LSUM
0910	_ Pedestrian Type II Barricade, Temp	8127050	36.000	Ea
0920	_ Turf Establishment, Performance	8167011	7,480.000	Syd
0930	Monument Box	8210001	1.000	Ea
0940	Gate Box, Adj, Case 1	8230431	3.000	Ea
0950	Gate Box, Adj, Case 2	8230432	1.000	Ea
0960	_ 3/4 inch to 1 inch Water Service, Repr	8237001	120.000	Ft
0970	_ Irrigation Pipe	8237001	300.000	Ft
0980	_ Water Main, DI, 12 inch, Lower	8237001	30.000	Ft
0990	_ Water Main, DI, 8 inch, Lower	8237001	30.000	Ft
1000	_ Gate Well Cover, Adj, Case 1	8237050	2.000	Ea
1010	_ Gate Well Cover, Adj, Case 2	8237050	2.000	Ea
1020	_ Sprinkler Head	8237050	30.000	Ea
1030	_ Audio Visual Record of the Construction Influence Area	8507051	1.000	LSUM
1040	_ Rubbish Pickup	8507051	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 033

Letting Date: March 2, 2018

Contract ID: 29000-132247

Description: 0.57 mi of vertical curve realignment, hot mix asphalt removal and resurfacing, concrete curb, gutter, sidewalk, ramps, storm and sanitary sewer and watermain on South Lincoln Avenue from Van Buren Road to Marshall Street in the city of Alma, Gratiot County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132247A	1800285	N/A	STUL 29000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1027051	1.000	LSUM
0020	Mobilization, Max \$108,900.00	1500001	1.000	LSUM
0030	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0050	Dr Structure, Rem	2030011	11.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	942.000	Ft
0070	Sewer, Rem, 24 inch to 48 inch	2030016	20.000	Ft
0080	Curb and Gutter, Rem	2040020	402.000	Ft
0090	Pavt, Rem	2040050	127.000	Syd
0100	Sidewalk, Rem	2040055	8.000	Syd
0110	Ditch Cleanout	2050006	4.000	Sta
0120	Embankment, CIP	2050010	330.000	Cyd
0130	Excavation, Earth	2050016	7,879.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0150	Erosion Control, Check Dam, Stone	2080012	15.000	Ft
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	27.000	Ea
0170	Erosion Control, Sediment Trap	2080034	1.000	Ea
0180	Subbase, CIP	3010002	3,232.000	Cyd
0190	Aggregate Base, 6 inch	3020016	7,040.000	Syd
0200	Aggregate Surface Cse, 8 inch	3060012	34.000	Syd
0210	Maintenance Gravel	3060020	100.000	Ton
0220	Approach, CI I, 6 inch	3070008	1,174.000	Syd
0230	Geotextile, Separator	3080005	900.000	Syd
0240	Culv End Sect, 12 inch	4010012	2.000	Ea
0250	Sewer, CI E, 12 inch, Tr Det B	4020600	1,460.000	Ft
0260	Sewer, CI E, 18 inch, Tr Det B	4020602	296.000	Ft
0270	Sewer, CI E, 24 inch, Tr Det B	4020603	32.000	Ft

0280	Sewer Tap, 18 inch	4021206	3.000	Ea
0290	Sewer Tap, 24 inch	4021207	2.000	Ea
0300	Video Taping Sewer and Culv Pipe	4021275	1,822.000	Ft
0310	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0320	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0330	Dr Structure Cover, Type G	4030040	7.000	Ea
0340	Dr Structure, 24 inch dia	4030200	16.000	Ea
0350	Dr Structure, 48 inch dia	4030210	18.000	Ea
0360	Dr Structure, 60 inch dia	4030220	1.000	Ea
0370	_ Misc Cover, EJ 1060-A, Special	4037050	8.000	Ea
0380	_ Misc Cover, EJ 1060-B, Special	4037050	8.000	Ea
0390	_ Misc Cover, EJ 7000-M-1, Special	4037050	17.000	Ea
0400	_ Misc Cover, EJ 7085, Special	4037050	1.000	Ea
0410	Underdrain, Subbase, 6 inch	4040063	5,264.000	Ft
0420	HMA Surface, Rem	5010005	7,922.000	Syd
0430	HMA, 13A	5010033	1,315.000	Ton
0440	HMA Approach	5010061	175.000	Ton
0450	Driveway, Reinf Conc, 8 inch	8010003	89.000	Syd
0460	Driveway, Nonreinf Conc, 6 inch	8010005	385.000	Syd
0470	Curb and Gutter, Conc, Det B2	8020016	78.000	Ft
0480	Curb and Gutter, Conc, Det F4	8020038	5,087.000	Ft
0490	Driveway Opening, Conc, Det M	8020050	183.000	Ft
0500	_ Shoulder Gutter, Detail 3, Modified	8027001	30.000	Ft
0510	_ Spillway, Conc, Modified	8027001	6.000	Ft
0520	Detectable Warning Surface	8030010	40.000	Ft
0530	Curb Ramp Opening, Conc	8030030	62.000	Ft
0540	Sidewalk Ramp, Conc, 6 inch	8030036	699.000	Sft
0550	Sidewalk, Conc, 4 inch	8030044	11,018.000	Sft
0560	_ Sidewalk, Conc, 8 inch	8037010	331.000	Sft
0570	Post, Mailbox	8070095	5.000	Ea
0580	Post, Steel, 3 lb	8100371	406.000	Ft
0590	Sign, Type IIB	8100399	12.000	Sft
0600	Sign, Type III, Rem	8100403	34.000	Ea
0610	Sign, Type IIIA	8100404	25.000	Sft
0620	Sign, Type IIIB	8100405	68.000	Sft
0630	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	279.000	Ft
0640	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	55.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,187.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,187.000	Ft
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Plastic Drum, High Intensity, Lighted, Furn	8120260	50.000	Ea

0710	Plastic Drum, High Intensity, Lighted, Oper	8120261	50.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	377.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	377.000	Sft
0740	_ Turf Establishment, Performance	8167011	8,250.000	Syd
0750	Monument Box	8210001	2.000	Ea
0760	Monument Preservation	8210010	2.000	Ea
0770	Hydrant, Rem	8230091	2.000	Ea
0780	Water Main, 4 inch, Cut and Plug	8230130	3.000	Ea
0790	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	607.000	Ft
0800	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	5.000	Ft
0810	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	37.000	Ft
0820	_ Fire Hydrant, Modified	8237050	2.000	Ea
0830	_ Gate Valve and Box, 12 inch, Modified	8237050	2.000	Ea
0840	_ Gate Valve and Box, 16 inch, Modified	8237050	1.000	Ea
0850	_ Gate Valve and Box, 6 inch, Modified	8237050	3.000	Ea
0860	_ Sanitary Sewer, PVC, SDR 26, 12 inch, Tr Det B, Modified	8257001	1,694.000	Ft
0870	_ Sanitary Sewer, PVC, SDR 26, 4 inch, Tr Det B, Modified	8257001	66.000	Ft
0880	_ Sanitary Sewer, PVC, SDR 26, 6 inch, Tr Det B, Modified	8257001	10.000	Ft
0890	_ Sanitary Sewer, PVC, SDR 26, 8 inch, Tr Det B, Modified	8257001	20.000	Ft
0900	_ Sanitary Manhole, 48 inch dia, Modified	8257050	8.000	Ea
0910	_ Sanitary Manhole, Rem, Modified	8257050	7.000	Ea
0920	_ Sanitary Sewer Clean Out, 4 inch, Modified	8257050	1.000	Ea
0930	_ Sanitary Sewer Tap, 8 inch, Modified	8257050	1.000	Ea
0940	_ Sludge Force Main, Conflict, 6 inch, Modified	8257050	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180302 034

Letting Date: March 2, 2018

Contract ID: 82000-133398

Description: 0.10 mi of concrete pavement reconstruction, storm sewer, guardrail, signing and pavement markings on Enterprise Drive from the I-94 eastbound off ramp to Oakwood Boulevard in the city of Allen Park, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133398A	1800207	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	16,515.000	Dlr
0020	Mobilization, Max \$40,100.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.100	Acre
0040	Dr Structure, Rem	2030011	4.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	34.000	Ft
0060	Guardrail, Rem	2040035	86.000	Ft
0070	Pavt, Rem	2040050	2,476.000	Syd
0080	Sidewalk, Rem	2040055	37.000	Syd
0090	Exploratory Investigation, Vertical	2040080	50.000	Ft
0100	Embankment, CIP	2050010	120.000	Cyd
0110	Excavation, Earth	2050016	1,647.000	Cyd
0120	_ Subgrade Undercutting, Modified	2057021	100.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0140	Erosion Control, Inlet Protection, Sediment Trap	2080024	6.000	Ea
0150	Aggregate Base, 9 inch	3020022	2,075.000	Syd
0160	Geotextile, Separator	3080005	2,075.000	Syd
0170	Sewer, Cl E, 12 inch, Tr Det B	4020600	321.000	Ft
0180	Sewer, Cl E, 15 inch, Tr Det B	4020601	22.000	Ft
0190	Sewer, Cl E, 18 inch, Tr Det B	4020602	42.000	Ft
0200	Video Taping Sewer and Culv Pipe	4021275	373.000	Ft
0210	Dr Structure Cover, Adj, Case 1, Modified	4030004	4.000	Ea
0220	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0230	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0240	_ Misc Catch Basin A, Cover S	4037050	3.000	Ea
0250	_ Misc Inlet A, Cover S	4037050	4.000	Ea
0260	_ Misc Mh D, 48 inch dia, Cover A	4037050	2.000	Ea
0270	_ Misc San Structure Cover, Adj	4037050	1.000	Ea

0280	_ Misc Storm Water Pollution Control Unit, 2.1 cfs	4037050	1.000	Ea
0290	Underdrain, Subbase, 6 inch	4040063	930.000	Ft
0300	_ Underdrain, Subgrade, 6 inch, Modified	4047001	360.000	Ft
0310	HMA Surface, Rem	5010005	2,380.000	Syd
0320	Joint, Contraction, Cp	6020200	1,365.000	Ft
0330	Joint, Expansion, E2	6020207	50.000	Ft
0340	_ Misc Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	2,560.000	Syd
0350	Joint, Contraction, Crg	6030020	50.000	Ft
0360	Lane Tie, Epoxy Anchored	6030030	100.000	Ea
0370	Guardrail, Curved, Type B	8070010	80.000	Ft
0380	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0390	Post, Steel, 3 lb	8100371	259.000	Ft
0400	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0410	Sign, Type III, Rem	8100403	22.000	Ea
0420	Sign, Type IIIA	8100404	52.000	Sft
0430	Sign, Type IIIB	8100405	60.000	Sft
0440	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	127.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	54.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	118.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	911.000	Ft
0510	Pavt Mrkg, Waterborne, 6 inch, White	8110233	42.000	Ft
0520	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	165.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	118.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	911.000	Ft
0550	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	42.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	165.000	Ft
0570	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,029.000	Ft
0580	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	207.000	Ft
0590	Rem Curing Compound, for Spec Mrkg	8110321	221.000	Sft
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea
0620	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0630	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	582.000	Ft
0660	Plastic Drum, High Intensity, Furn	8120250	70.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	70.000	Ea
0680	Sign Cover	8120310	10.000	Ea
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	562.000	Sft

0700	Sign, Type B, Temp, Prismatic, Oper	8120351	562.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	75.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	75.000	Sft
0730	Traf Regulator Control	8120370	1.000	LSUM
0740	Fertilizer, Chemical Nutrient, CI A	8160020	65.000	Lb
0750	Mulch Blanket	8160027	1,800.000	Syd
0760	Seeding, Mixture THM	8160039	81.000	Lb
0770	Topsoil Surface, Furn, 4 inch	8160062	900.000	Syd
0780	Topsoil Surface, Salv, 4 inch	8160077	900.000	Syd
0790	Hh, Adj	8190244	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180302 035

Letting Date: March 2, 2018

Contract ID: 23000-129905

Description: 0.35 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter and sidewalk ramps on Jefferson Street from Bridge Street to the west village limit of Dimondale in the village of Dimondale, Eaton County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129905A	1800586	N/A	STU 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$19,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	500.000	Ft
0030	Sidewalk, Rem	2040055	140.000	Syd
0040	_ Machine Grading, Modified	2057002	19.000	Sta
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0060	Project Cleanup	2090001	1.000	LSUM
0070	Aggregate Base, 8 inch	3020020	75.000	Syd
0080	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0090	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0100	Cold Milling HMA Surface	5010002	10,100.000	Syd
0110	HMA Surface, Rem	5010005	75.000	Syd
0120	Hand Patching	5010025	25.000	Ton
0130	HMA, 13A	5010033	1,670.000	Ton
0140	HMA Approach	5010061	75.000	Ton
0150	Saw Cut, Intermediate	6030090	250.000	Ft
0160	Curb and Gutter, Conc, Det C4	8020023	300.000	Ft
0170	Detectable Warning Surface	8030010	40.000	Ft
0180	Curb Ramp Opening, Conc	8030030	200.000	Ft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	800.000	Sft
0200	Sidewalk, Conc, 4 inch	8030044	450.000	Sft
0210	Pavt Mrkg, Ovly Cold Plastic, Bike	8110056	8.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Lane	8110062	8.000	Ea
0230	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	400.000	Ft
0240	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	90.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,000.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,600.000	Ft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0290	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0300	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0330	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	_ Slope Restoration, Type A, Modified	8167011	400.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 036

Letting Date: March 2, 2018

Contract ID: 01141-130298

Description: 0.43 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate shoulders, signing and pavement markings on Mt. Maria Road from Anne Street northeast to Hilltop Drive, Alcona County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130298A	1800233	N/A	STL 01141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$15,500.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	475.000	Ft
0030	Embankment, CIP	2050010	100.000	Cyd
0040	HMA Base Crushing and Shaping	3050002	13,200.000	Syd
0050	Approach, CI II	3070021	14.000	Ton
0060	_ Shoulder, CI II, Modified	3077031	225.000	Ton
0070	HMA, 13A	5010033	1,250.000	Ton
0080	_ HMA Valley Gutter	5017001	2,660.000	Ft
0090	Guardrail, Type B	8070000	2,450.000	Ft
0100	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0110	Guardrail Reflector	8070080	96.000	Ea
0120	_ Post, Mailbox, Modified	8077050	3.000	Ea
0130	Post, Steel, 3 lb	8100371	42.000	Ft
0140	Sign, Type IIIB	8100405	19.000	Sft
0150	_ Sign, Type III, Rem, Modified	8107050	3.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,960.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,500.000	Ft
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0200	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0210	Channelizing Device, 42 inch, Oper	8120031	40.000	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	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,250.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120245	150.000	Ft

	White, Temp			
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	264.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	264.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Riprap, Plain	8130010	60.000	Syd
0310	Paved Ditch, HMA	8140010	100.000	Syd
0320	Slope Restoration, Type A	8160100	945.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 037

Letting Date: March 2, 2018

Contract ID: 81000-129377

Description: Removal and replacement of bituminous surface, replacement of expansion joint, substructure repairs and approach work on Austin Road and Sharon Valley Road over the River Raisin and on McCollum Road over the Saline River, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129377A	1800293	N/A	BHT 81000
129378A	1800294	N/A	B0 81000
201676A	1800299	N/A	B0 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$181,000.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	6.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	10.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	15.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0070	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0080	Fence, Rem	2040025	41.000	Ft
0090	Guardrail, Rem	2040035	326.000	Ft
0100	Embankment, CIP	2050010	425.000	Cyd
0110	Excavation, Earth	2050016	1,042.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0130	_ Subgrade Undercutting, Type II, Modified	2057021	150.000	Cyd
0140	Erosion Control, Filter Bag	2080014	8.000	Ea
0150	Erosion Control, Gravel Filter Berm	2080018	140.000	Ft
0160	Erosion Control, Maintenance, Sediment Removal	2080026	9.000	Cyd
0170	Erosion Control, Silt Fence	2080036	1,930.000	Ft
0180	Project Cleanup	2090001	1.000	LSUM
0190	_ Aggregate Base, 6 inch, Modified	3027011	2,485.000	Syd
0200	Aggregate Surface Cse, 6 inch	3060010	52.000	Syd
0210	Maintenance Gravel	3060020	4.000	Ton
0220	_ Shoulder, CI II, 6 inch, Modified	3077011	315.000	Syd
0230	_ Geogrid	3087011	150.000	Syd
0240	HMA Surface, Rem	5010005	1,721.000	Syd
0250	HMA, 13A	5010033	288.000	Ton

0260	HMA, 4E1	5010050	305.000	Ton
0270	HMA, 5E1	5010056	79.000	Ton
0280	HMA, LVSP	5010703	156.000	Ton
0290	Conc Pavt, Bridge Approach, Reinf	6020600	180.000	Syd
0300	Lane Tie, Epoxy Anchored	6030030	40.000	Ea
0310	Guardrail, Type B	8070000	250.000	Ft
0320	Guardrail, Type T	8070002	100.000	Ft
0330	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0340	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0350	Guardrail Departing Terminal, Type T	8070051	4.000	Ea
0360	Guardrail Reflector	8070080	36.000	Ea
0370	Post, Mailbox	8070095	2.000	Ea
0380	Post, Steel, 3 lb	8100371	88.000	Ft
0390	Sign, Type III, Rem	8100403	14.000	Ea
0400	Sign, Type IIIB	8100405	40.000	Sft
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,870.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,173.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,870.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,173.000	Ft
0450	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	130.000	Ft
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0480	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	2.000	Ea
0490	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
0500	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0510	Conc Barrier, Temp, Adj	8120080	330.000	Ft
0520	Conc Barrier, Temp, Furn	8120081	330.000	Ft
0530	Conc Barrier, Temp, Oper	8120082	330.000	Ft
0540	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0550	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	794.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,730.000	Ft
0590	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0610	Plastic Drum, High Intensity, Lighted, Furn	8120260	20.000	Ea
0620	Plastic Drum, High Intensity, Lighted, Oper	8120261	20.000	Ea
0630	PTS System, Temp, Furn	8120270	1.000	Ea
0640	PTS System, Temp, Oper	8120271	1.000	Ea
0650	Sign Cover	8120310	10.000	Ea
0660	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0670	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	1,321.000	Sft

0690	Sign, Type B, Temp, Prismatic, Oper	8120351	1,321.000	Sft
0700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	502.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	502.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	8.000	Ea
0740	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	8.000	Ea
0750	_ Turf Establishment, Performance	8167011	1,767.000	Syd
0760	_ Contractor Staking, Modified	8247051	1.000	LSUM

Section: 2

0770	Structures, Rem Portions (SN 10969)	2040061	1.000	LSUM
0780	_ Guardrail, Rem, Modified	2047001	60.000	Ft
0790	Backfill, Structure, CIP	2060002	1,470.000	Cyd
0800	Excavation, Fdn	2060010	2,039.000	Cyd
0810	_ Aggregate Base, Modified	3027031	240.000	Ton
0820	Underdrain, Fdn, 4 inch	4040031	55.000	Ft
0830	Underdrain, Fdn, 6 inch	4040033	158.000	Ft
0840	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0850	_ HMA Surface, Rem, Modified	5017011	403.000	Syd
0860	Steel Sheet Piling, Temp	7040002	2,750.000	Sft
0870	Cofferdams (SN 10969)	7040007	1.000	LSUM
0880	_ Isolation Barrier (SN 10964)	7047051	1.000	LSUM
0890	Pile Driving Equipment, Furn (SN 10969)	7050002	1.000	LSUM
0900	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	2,497.000	Ft
0910	Test Pile, CIP Conc, 14 inch	7050023	2.000	Ea
0920	Pile Point, CIP Conc	7050025	42.000	Ea
0930	Pile, Steel, Splice	7050050	42.000	Ea
0940	Bridge Ltg, Furn and Rem (SN 10969)	7060001	1.000	LSUM
0950	Bridge Ltg, Oper and Maintain	7060002	144.000	Cyd
0960	Conc, Grade D	7060010	3.000	Cyd
0970	Conc, Grade T	7060013	360.000	Cyd
0980	Expansion Joint Device	7060050	75.000	Ft
0990	False Decking	7060060	3,858.000	Sft
1000	Reinforcement, Steel, Epoxy Coated	7060092	56,157.000	Lb
1010	Substructure Conc	7060100	227.000	Cyd
1020	Superstructure Conc	7060110	31.000	Cyd
1030	Superstructure Conc, Form, Finish, and Cure (SN 10969)	7060111	1.000	LSUM
1040	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 10969)	7060112	1.000	LSUM
1050	Superstructure Conc, Night Casting	7060113	144.000	Cyd
1060	Water Repellent Treatment, Penetrating	7060140	100.000	Syd
1070	_ Texturing Conc, Type A	7067011	121.000	Syd
1080	_ Bearing, Elastomeric, 3 1/8 inch, Modified	7077008	1,330.000	Sin

1090	_ Bearing, Elastomeric, 3 inch, Modified	7077008	1,330.000	Sin
1100	Prest Conc I Beam, Furn, 45 inch	7080029	577.000	Ft
1110	Prest Conc I Beam, Erect, 45 inch	7080030	577.000	Ft
1120	Joint Waterproofing	7100001	523.000	Sft
1130	Membrane, Preformed Waterproofing	7100008	1,725.000	Sft
1140	Conc Surface Coating (SN 10969)	7100010	1.000	LSUM
1150	Substructure Horizontal Surface Sealer (SN 10969)	7100030	40.000	Syd
1160	_ Isolation Joint (SN 10969)	7107051	1.000	LSUM
1170	Bridge Railing, Aesthetic Parapet Tube , Det 2	7110005	170.000	Ft
1180	Hand Chipping, Shallow	7120003	9.000	Syd
1190	Hand Chipping, Other Than Deck	7120007	39.000	Cft
1200	Patching Mortar or Conc	7120015	2.000	Cyd
1210	Patch, Forming	7120017	92.000	Sft
1220	Deck Joint, Rem	7120071	42.000	Ft
1230	Reinforcement, Mechanical Splice	7120084	8.000	Ea
1240	Patching Conc, C-L	7120112	2.000	Cyd
1250	Embedded Galvanic Anode	7120120	69.000	Ea
1260	_ Grout Repair	7127001	130.000	Ft
1270	_ Riprap, Special	8137011	565.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 038

Letting Date: March 2, 2018

Contract ID: 63125-133394

Description: 0.61 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage, sewer, cold milling concrete pavement, concrete base repairs, pedestrian signals and pavement markings on 14 Mile Road from Washington Avenue to Bellevue Avenue and on Main Street from Gardner Avenue to Broadacre Avenue in the city of Clawson, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133394A	1800305	N/A	STU 63125

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$110,900.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	4.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	18.000	Ft
0040	Pavt, Rem	2040050	1,208.000	Syd
0050	Sidewalk, Rem	2040055	560.000	Syd
0060	_ Curb and Gutter, Rem, Modified	2047001	2,955.000	Ft
0070	_ Misc Excavation, Earth	2057021	30.000	Cyd
0080	_ Subgrade Undercutting, Modified	2057021	50.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	27.000	Ea
0100	Maintenance Gravel	3060020	50.000	Ton
0110	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0120	_ Sewer, Sch 40 PVC, 10 inch, Tr Det B	4027001	22.000	Ft
0130	Dr Structure Cover, Adj, Case 1	4030005	51.000	Ea
0140	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0150	Dr Structure, Tap, 10 inch	4030310	1.000	Ea
0160	_ Catch Basin Cover	4037050	19.000	Ea
0170	_ Dr Structure, 36 inch dia	4037050	2.000	Ea
0180	_ External Structure Wrap, 18 inch	4037050	50.000	Ea
0190	_ Gate Well Cover	4037050	8.000	Ea
0200	_ Sanitary Manhole Cover	4037050	22.000	Ea
0210	_ Sewer Trap, 10 inch	4037050	1.000	Ea
0220	_ Storm Manhole Cover	4037050	3.000	Ea
0230	_ Utility Structure Cover, Adj, Case 1	4037050	1.000	Ea
0240	Pavt, Cleaning	5010001	1.000	LSUM
0250	Cold Milling HMA Surface	5010002	20,751.000	Syd
0260	Pavt for Butt Joints, Rem	5010008	35.000	Syd

0270	Pavt Joint and Crack Repr, Det 7	5010020	3,000.000	Ft
0280	Hand Patching	5010025	150.000	Ton
0290	HMA, 4E10	5010052	2,213.000	Ton
0300	HMA, 5E10	5010058	2,217.000	Ton
0310	_ HMA Base Repr, Patching	5017031	50.000	Ton
0320	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	723.000	Syd
0330	Cold Milling Conc Pavt	6030014	3,000.000	Syd
0340	Lane Tie, Epoxy Anchored	6030030	2,500.000	Ea
0350	Pavt Repr, Nonreinf Conc, 9 inch	6030046	1,236.000	Syd
0360	_ Pavt Repr, Rem, Modified	6037011	1,050.000	Syd
0370	Driveway, Nonreinf Conc, 8 inch	8010007	355.000	Syd
0380	_ Curb and Gutter, Conc, Det F1, Modified	8027001	1,863.000	Ft
0390	_ Driveway Opening, Conc, Det M, Modified	8027001	1,203.000	Ft
0400	Detectable Warning Surface	8030010	108.000	Ft
0410	Curb Ramp Opening, Conc	8030030	191.000	Ft
0420	Sidewalk Ramp, Conc, 4 inch	8030034	1,029.000	Sft
0430	Sidewalk, Conc, 4 inch	8030044	311.000	Sft
0440	Sidewalk, Conc, 6 inch	8030046	4,207.000	Sft
0450	_ Sidewalk Ramp, Conc, 8 inch	8037010	883.000	Sft
0460	_ Sidewalk, Clay Brick Pavers, Modified	8037010	347.000	Sft
0470	_ Sidewalk, Clay Brick Pavers, Rem, Modified	8037010	3,837.000	Sft
0480	_ Sidewalk, Clay Brick Pavers, Salv	8037010	2,719.000	Sft
0490	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0500	Post, Steel, 3 lb	8100371	42.000	Ft
0510	Sign, Type III, Rem	8100403	2.000	Ea
0520	Sign, Type IIIB	8100405	93.000	Sft
0530	Reflective Panel for Permanent Sign Support, 6 foot	8100616	3.000	Ea
0540	Pavt Mrkg, Polyurea, 4 inch, White	8110091	4,589.000	Ft
0550	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	8,225.000	Ft
0560	Pavt Mrkg, Polyurea, Yield	8110103	36.000	Ea
0570	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,044.000	Ft
0580	Pavt Mrkg, Polyurea, 12 inch, Yellow	8110112	89.000	Ft
0590	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	157.000	Ft
0600	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0610	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	8.000	Ea
0620	Pavt Mrkg, Polyurea, Only	8110410	17.000	Ea
0630	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	7.000	Ea
0640	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	4.000	Ea
0650	Recessing Pavt Mrkg, Longit	8110450	9,103.000	Ft
0660	Recessing Pavt Mrkg, Transv	8110451	1,201.000	Sft
0670	Barricade, Type III, High Intensity, Lighted, Furn	8120022	45.000	Ea
0680	Barricade, Type III, High Intensity, Lighted, Oper	8120023	45.000	Ea
0690	Channelizing Device, 42 inch, Furn	8120030	45.000	Ea
0700	Channelizing Device, 42 inch, Oper	8120031	45.000	Ea
0710	Lighted Arrow, Type C, Furn	8120140	4.000	Ea

0720	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0730	Minor Traf Devices	8120170	1.000	LSUM
0740	Part Width Intersection Construction	8120190	1.000	Ea
0750	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,600.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,900.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	11,150.000	Ft
0780	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,100.000	Ft
0800	Plastic Drum, High Intensity, Lighted, Furn	8120260	200.000	Ea
0810	Plastic Drum, High Intensity, Lighted, Oper	8120261	200.000	Ea
0820	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	150.000	Ft
0830	Sign Cover	8120310	2.000	Ea
0840	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0850	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0860	Traf Regulator Control	8120370	1.000	LSUM
0870	_ Pedestrian Type II Barricade, Temp	8127050	15.000	Ea
0880	Sodding	8160055	200.000	Syd
0890	Topsoil Surface, Furn, 3 inch	8160061	200.000	Syd
0900	Water, Sodding/Seeding	8160090	10.000	Unit
0910	Conduit, DB, 1, 1/2 inch	8190025	40.000	Ft
0920	Pedestal, Fdn	8200105	2.000	Ea
0930	Pushbutton and Sign	8200121	2.000	Ea
0940	Traf Loop	8200170	4.000	Ea
0950	TS, Bag	8200450	8.000	Ea
0960	TS, Bag, Rem	8200451	8.000	Ea
0970	TS Head, Temp	8200453	2.000	Ea
0980	_ Pedestal, Alum, RCOC	8207050	2.000	Ea
0990	_ Perimeter Lit Flashing LED Sign Assembly, Solar Power	8207050	2.000	Ea
1000	_ Pushbutton Support Post, RCOC	8207050	2.000	Ea
1010	Monument Box Adjust	8210005	2.000	Ea
1020	Gate Well,Rem	8230076	1.000	Ea
1030	_ Irrigation Pipe	8237001	100.000	Ft
1040	_ Sprinkler Head	8237050	5.000	Ea
1050	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180302 039

Letting Date: March 2, 2018

Contract ID: 31000-123761

Description: 1.54 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, geogrid, drainage, signing and pavement markings on Pike River Road west of Aldrich Road and north of Laird Road, Houghton County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123761A	1800265	N/A	STL 31000
202224A	1800270	N/A	STL 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$57,400.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0040	Ditch Cleanout	2050006	10.000	Sta
0050	Embankment, LM	2050011	60.000	Cyd
0060	_ Triaxial Geogrid	2057011	10,952.000	Syd
0070	Erosion Control, Silt Fence	2080036	320.000	Ft
0080	Aggregate Base	3020001	8,941.000	Ton
0090	HMA Base Crushing and Shaping	3050002	21,200.000	Syd
0100	Approach, CI II	3070021	150.000	Ton
0110	Shoulder, CI II	3070121	1,558.000	Ton
0120	Culv End Sect, Conc, 18 inch	4010049	4.000	Ea
0130	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0140	Culv, CI E, Conc, 18 inch	4010575	88.000	Ft
0150	Culv, CI E, Conc, 24 inch	4010576	40.000	Ft
0160	Culv, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch	4010907	88.000	Ft
0170	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	2.000	Ea
0180	Trench Undercut and Backfill	4021260	50.000	Cyd
0190	Video Taping Sewer and Culv Pipe	4021275	88.000	Ft
0200	Cold Milling HMA Surface	5010002	14,212.000	Syd
0210	HMA, 4E1	5010050	2,530.000	Ton
0220	HMA, 5E1	5010056	779.000	Ton
0230	HMA Approach	5010061	194.000	Ton
0240	HMA, LVSP	5010703	779.000	Ton
0250	Post, Steel, 3 lb	8100371	380.000	Ft
0260	Sign, Type III, Rem	8100403	14.000	Ea

0270	Sign, Type IIIA	8100404	77.000	Sft
0280	Sign, Type IIIB	8100405	62.000	Sft
0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	24,392.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,258.000	Ft
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	952.000	Ft
0330	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0340	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	580.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	580.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Fertilizer, Chemical Nutrient, CI A	8160020	20.000	Lb
0390	Mulch	8160025	534.000	Syd
0400	Seeding, Mixture TDS	8160037	25.000	Lb
0410	Topsoil Surface, Salv, 4 inch	8160077	534.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 180302 040

Letting Date: March 2, 2018

Contract ID: 27000-129344

Description: Deck and substructure patching, replacement of expansion joints, hot mix asphalt bridge surface removal and replacement, railing repair, guardrail and approach work on Lake Gogebic Road over Slate River and on Kimberly Road over Presque Isle River, Gogebic County. This is a local agency project

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129344A	1800276	N/A	BHT 27000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,800.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	114.000	Cyd
0030	Aggregate Base, LM	3020002	82.000	Cyd
0040	HMA Surface, Rem	5010005	904.000	Syd
0050	HMA, 5E3	5010057	272.000	Ton
0060	_ HMA Surface, Rem, Modified	5017011	768.000	Syd
0070	_ Conc Base Cse, Reinf, 8 Inch	6027011	274.000	Syd
0080	Guardrail, Type B	8070000	40.000	Ft
0090	Guardrail, Curved, Type B	8070010	48.000	Ft
0100	Guardrail Approach Terminal, Type 2B	8070042	6.000	Ea
0110	Guardrail, Mult, Salv	8070076	843.000	Ft
0120	_ Guardrail Anchorage-Bridge, Nested Type	8077050	8.000	Ea
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	96.000	Ft
0140	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	1,060.000	Ft
0150	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	1,060.000	Ft
0160	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0170	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0200	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0220	PTS System, Temp, Furn	8120270	1.000	Ea
0230	PTS System, Temp, Oper	8120271	1.000	Ea
0240	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0250	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	146.000	Sft

0270	Sign, Type B, Temp, Prismatic, Oper	8120351	146.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0290	Temp Portable Power Source for TS System	8120380	1.000	LSUM

Section: 2

0300	Conc, Grade D	7060010	6.000	Cyd
0310	Expansion Joint Device	7060050	130.000	Ft
0320	False Decking	7060060	1,080.000	Sft
0330	Reinforcement, Steel, Epoxy Coated	7060092	382.000	Lb
0340	Membrane, Preformed Waterproofing	7100008	6,870.000	Sft
0350	Conc Surface Coating	7100011	312.000	Syd
0360	_ Bridge Railing, Guardrail Type	7117001	480.000	Ft
0370	Hand Chipping, Other Than Deck	7120007	37.000	Cft
0380	Patching Mortar or Conc	7120016	13.000	Cft
0390	Patch, Forming	7120017	16.000	Sft
0400	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	122.000	Ea
0410	Deck Joint, Rem	7120071	130.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 041

Letting Date: March 2, 2018

Contract ID: 77147-133391

Description: 4.48 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, paving interlayer and aggregate shoulders on Keewahdin Road and River Road, St. Clair County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133391A	1800296	N/A	STUL 77147
133392A	1800297	N/A	STUL 77147
133393A	1800298	N/A	STU 77147

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$103,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	6,500.000	Ft
0030	Project Cleanup	2090001	1.000	LSUM
0040	_ Shoulder, CI II, Modified	3027031	141.000	Ton
0050	Dr Structure Cover, Adj, Case 1	4030005	25.000	Ea
0060	Cold Milling HMA Surface	5010002	98,933.000	Syd
0070	Hand Patching	5010025	50.000	Ton
0080	HMA, 5E1	5010056	1,986.000	Ton
0090	HMA, 5E10	5010058	7,120.000	Ton
0100	_ Paving Interlayer	5017011	16,735.000	Syd
0110	_ Curb and Gutter, Conc, Det D2, Modified	8027001	6,500.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	88.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	8.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,000.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	49,472.000	Ft
0210	Pavt Mrkg, Waterborne, 6 inch, White	8110233	39,728.000	Ft
0220	Channelizing Device, 42 inch, Furn	8120030	679.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	679.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,372.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	52,346.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	825.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,492.000	Ft
0310	Sign Cover	8120310	25.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	856.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	856.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	_ Monument Box, Special	8127050	24.000	Ea
0360	_ Slope Restoration, Modified	8167011	2,600.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 180302 042

Letting Date: March 2, 2018

Contract ID: 82457-129411

Description: 0.17 mi of concrete sidewalk, landscaping of trees and bushes, masonry walls, irrigation system and street lighting along Fisher Road from Maumee Avenue to St. Paul Avenue in the city of Grosse Pointe, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129411A	1800253	N/A	TA 82457

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Soil Erosion Control Permit Fee	1027060	360.000	Dlr
0020	Mobilization, Max \$47,900.00	1500001	1.000	LSUM
0030	Curb, Rem	2040021	525.000	Ft
0040	Sidewalk, Rem	2040055	660.000	Syd
0050	_ Site Clearing and Preparation for Streetscape	2047051	1.000	LSUM
0060	Excavation, Earth	2050016	265.000	Cyd
0070	Granular Material, CI III	2050024	150.000	Cyd
0080	_ Subgrade Undercutting, Modified	2057021	75.000	Cyd
0090	_ Erosion Control, Inlet Filter	2087050	2.000	Ea
0100	Project Cleanup	2090001	1.000	LSUM
0110	Aggregate Base, 8 inch	3020020	245.000	Syd
0120	Maintenance Gravel	3060020	50.000	Ton
0130	Sewer, CI A, 6 inch, Tr Det B	4020030	64.000	Ft
0140	Sewer Tap, 6 inch	4021201	1.000	Ea
0150	_ Drainage Structure, Special	4037050	2.000	Ea
0160	Cold Milling HMA Surface	5010002	107.000	Syd
0170	HMA Surface, Rem	5010005	465.000	Syd
0180	Hand Patching	5010025	25.000	Ton
0190	_ Joint Sealant	6027001	4,910.000	Ft
0200	_ Pavt Repr, Rem, Modified	6037011	335.000	Syd
0210	_ Architectural Railing	7117001	12.000	Ft
0220	_ Automated Irrigation System	8007051	1.000	LSUM
0230	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	175.000	Syd
0240	_ Curb, Conc, E2, Modified	8027001	140.000	Ft
0250	_ Planter Curb	8027001	1,400.000	Ft
0260	Curb Ramp Opening, Conc	8030030	20.000	Ft
0270	Sidewalk, Conc, 4 inch	8030044	6,300.000	Sft

0280	_ Detectable Warning Surface, Modified	8037001	117.000	Ft
0290	_ Sidewalk Ramp, Conc, 8 inch	8037010	100.000	Sft
0300	_ Sidewalk, Conc, 4 inch, Exposed Aggregate	8037010	4,100.000	Sft
0310	_ Sidewalk, Conc, 4 inch, Modified	8037010	950.000	Sft
0320	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0330	Sign, Type III, Rem	8100403	10.000	Ea
0340	_ Parking Meter Post, Install	8107050	11.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	48.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, White	8110231	289.000	Ft
0370	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	102.000	Ft
0380	_ Pavt Mrkg, Waterborne, 4 inch, Yellow, Modified	8117001	85.000	Ft
0390	_ Pavt Mrkg, Handicap Accessible Symbol, Blue	8117050	1.000	Ea
0400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	Watering and Cultivating, First Season, Min \$6000	8150002	1.000	LSUM
0510	Watering and Cultivating, Second Season, Min \$6000	8150003	1.000	LSUM
0520	_ Limestone Wall Cap	8157001	101.000	Ft
0530	_ Masonry Wall	8157001	101.000	Ft
0540	_ Buxus microphylla japonica 'Green Gem', 18 inch	8157050	791.000	Ea
0550	_ Hydrangea quercifolia 'Sike's Dwarf', 5 gal cont.	8157050	57.000	Ea
0560	_ Limestone Finial	8157050	11.000	Ea
0570	_ Limestone Pier Cap	8157050	11.000	Ea
0580	_ Malus 'Sargentii', 2.5 inch	8157050	1.000	Ea
0590	_ Masonry Pier	8157050	11.000	Ea
0600	_ Rosa x 'Radtkepink', 3 gal cont.	8157050	24.000	Ea
0610	_ Ulmus americana 'Princeton', 2.5 inch	8157050	11.000	Ea
0620	_ Vinca minor, 'Bowles', 1 gal cont.	8157050	277.000	Ea
0630	_ Mulch, Modified	8167021	27.000	Cyd
0640	_ Planter Mix	8167021	106.000	Cyd
0650	_ Stone Mulch	8167021	1.000	Cyd
0660	Conduit, Directional Bore, 4 inch	8190046	80.000	Ft
0670	DB Cable, in Conduit, Rem	8190220	110.000	Ft
0680	Light Std Fdn	8190279	9.000	Ea
0690	Light Std Fdn, Rem	8190280	6.000	Ea
0700	_ Cable, St Ltg, 600V,2,1/C#10 & 1,#12 Nuetral	8197001	950.000	Ft
0710	_ Conduit, Schedule 40 PVC, 1 1/4 Inch	8197001	1,900.000	Ft

0720	_ Contactor, Install	8197050	1.000	Ea
0730	_ Disconnect, Install	8197050	1.000	Ea
0740	_ Disconnect, Rem	8197050	1.000	Ea
0750	_ Light Shaft and Luminaire, Rem & Salvage	8197050	2.000	Ea
0760	_ Light Std Shaft, Modified	8197050	9.000	Ea
0770	_ Luminaire, Special, 2200K LED	8197050	9.000	Ea
0780	_ Photocell, Install	8197050	1.000	Ea
0790	_ Spot Light, 50 Watt Equivalent LED	8197050	2.000	Ea
0800	_ Bike Rack	8507050	10.000	Ea
0810	_ Cast Iron Drinking Fountain	8507050	1.000	Ea
0820	_ Metal Bench	8507050	7.000	Ea
0830	_ Trash Receptacle	8507050	7.000	Ea
0840	_ Audio Visual Record of the Construction Influence Area	8507051	1.000	LSUM



2/2/2018 9:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 043

Letting Date: March 2, 2018

Contract ID: 17032-110907

Description: 2.15 mi of roadway reconstruction including roundabout construction, HMA surfacing, drainage upgrades, watermain improvements, sanitary sewer upgrades, signal upgrades, ADA ramps, pavement markings, and permanent signing on I-75BS from I-75/3 Mile Road ramps to 10th Avenue in the city of Sault Ste. Marie, Luce County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
110907A	1800340	N/A	NH 17032
124407A	1800344	N/A	HSIP 17032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,010,000.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	37.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0090	Dr Structure, Abandon	2030010	4.000	Ea
0100	Dr Structure, Rem	2030011	97.000	Ea
0110	Sewer, Rem, Less than 24 inch	2030015	5,411.000	Ft
0120	Sewer, Rem, 24 inch to 48 inch	2030016	188.000	Ft
0130	_ Monitoring Well, Abandon	2037050	4.000	Ea
0140	_ Monitoring Well, Adjust	2037050	3.000	Ea
0150	Curb and Gutter, Rem	2040020	6,198.000	Ft
0160	Curb, Rem	2040021	3,280.000	Ft
0170	Guardrail, Rem	2040035	715.000	Ft
0180	Pavt, Rem	2040050	89,994.000	Syd
0190	Sidewalk, Rem	2040055	1,817.000	Syd
0200	Exploratory Investigation, Vertical	2040080	450.000	Ft
0210	Embankment, CIP	2050010	6,828.000	Cyd
0220	Excavation, Earth	2050016	81,682.000	Cyd
0230	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0240	Obliterate Old Road	2070001	15.000	Sta

0250	Erosion Control, Check Dam, Stone	2080012	70.000	Ft
0260	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0270	Erosion Control, Inlet Protection, Fabric Drop	2080020	285.000	Ea
0280	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0290	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0300	Erosion Control, Sediment Trap	2080034	8.000	Ea
0310	Erosion Control, Silt Fence	2080036	2,177.000	Ft
0320	Subbase, CIP	3010002	34,964.000	Cyd
0330	Aggregate Base	3020001	28,924.000	Ton
0340	Maintenance Gravel	3060020	2,500.000	Ton
0350	Approach, CI I	3070001	8,852.000	Ton
0360	Shoulder, CI II	3070121	65.000	Ton
0370	Culv End Sect, 18 inch	4010018	1.000	Ea
0380	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0390	Culv End Sect, Conc, 18 inch	4010049	3.000	Ea
0400	Culv End Sect, Conc, 42 inch	4010054	2.000	Ea
0410	Sewer, CI B, 12 inch, Tr Det B	4020183	50.000	Ft
0420	Sewer, CI B, 18 inch, Tr Det B	4020185	414.000	Ft
0430	Sewer, CI II, 12 inch, Tr Det A	4020720	244.000	Ft
0440	Sewer, CI II, 18 inch, Tr Det A	4020722	127.000	Ft
0450	Sewer, CI II, 24 inch, Tr Det A	4020723	16.000	Ft
0460	Sewer, CI II, 12 inch, Tr Det B	4020748	4,387.000	Ft
0470	Sewer, CI II, 15 inch, Tr Det B	4020749	154.000	Ft
0480	Sewer, CI II, 18 inch, Tr Det B	4020751	1,001.000	Ft
0490	Sewer, CI II, 30 inch, Tr Det B	4020754	16.000	Ft
0500	Sewer, CI II, 36 inch, Tr Det B	4020755	32.000	Ft
0510	Sewer, CI II, 42 inch, Tr Det B	4020756	153.000	Ft
0520	Sewer Bulkhead, 15 inch	4021231	2.000	Ea
0530	Sewer Bulkhead, 18 inch	4021232	3.000	Ea
0540	Trench Undercut and Backfill	4021260	291.000	Cyd
0550	Video Taping Sewer and Culv Pipe	4021275	6,594.000	Ft
0560	_ Slotted Drain, Galv, 12 inch	4027001	398.000	Ft
0570	Dr Structure Cover, Adj, Case 1	4030005	159.000	Ea
0580	Dr Structure Cover, Adj, Case 2	4030006	28.000	Ea
0590	Dr Structure Cover, Type B	4030010	24.000	Ea
0600	Dr Structure Cover, Type D	4030025	18.000	Ea
0610	Dr Structure Cover, Type G	4030040	17.000	Ea
0620	Dr Structure Cover, Type J	4030045	8.000	Ea
0630	Dr Structure Cover, Type K	4030050	90.000	Ea
0640	Dr Structure Cover, Type R	4030070	3.000	Ea
0650	Dr Structure, 24 inch dia	4030200	29.000	Ea
0660	Dr Structure, 48 inch dia	4030210	87.000	Ea
0670	Dr Structure, 60 inch dia	4030220	6.000	Ea
0680	Dr Structure, 72 inch dia	4030230	2.000	Ea
0690	Dr Structure, Adj, Add Depth	4030280	11.000	Ft

0700	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0710	Dr Structure, Tap, 8 inch	4030308	4.000	Ea
0720	Dr Structure, Tap, 12 inch	4030312	42.000	Ea
0730	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
0740	Dr Structure, Tap, 18 inch	4030318	9.000	Ea
0750	Drop Inlet, Type 1	4030395	1.000	Ea
0760	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0770	Underdrain, Subbase, 6 inch	4040063	7,710.000	Ft
0780	Underdrain Outlet, 6 inch	4040093	543.000	Ft
0790	Cold Milling HMA Surface	5010002	1,760.000	Syd
0800	Bump Grinding	5010004	100.000	Syd
0810	HMA Surface, Rem	5010005	64,108.000	Syd
0820	HMA Quality Initiative	5010007	67,606.000	Dlr
0830	Longitudinal Joint Density Quality Initiative	5010018	137,069.000	Dlr
0840	HMA, 3E1	5010044	12,453.000	Ton
0850	HMA, 4E1	5010050	6,962.000	Ton
0860	HMA, 5E1	5010056	5,188.000	Ton
0870	HMA Approach	5010061	5,159.000	Ton
0880	HMA, 4E1, High Stress	5010508	1,457.000	Ton
0890	HMA, 5E1, High Stress	5010514	1,094.000	Ton
0900	HMA, Temp Pavt (5E03)	5010803	2,041.000	Ton
0910	_ Ride Incentive	5017060	27,180.000	Dlr
0920	Joint, Expansion, E3	6020208	34.000	Ft
0930	Conc Pavt, Bridge Approach, Reinf	6020600	55.000	Syd
0940	Driveway, Nonreinf Conc, 6 inch	8010005	1,656.000	Syd
0950	Curb, Conc, Det E2	8020002	690.000	Ft
0960	Curb and Gutter, Bridge Approach	8020010	40.000	Ft
0970	Curb and Gutter, Conc, Det B2	8020016	1,976.000	Ft
0980	Curb and Gutter, Conc, Det F2	8020036	520.000	Ft
0990	Curb and Gutter, Conc, Det F4	8020038	24,112.000	Ft
1000	Driveway Opening, Conc, Det M	8020050	5,094.000	Ft
1010	Shoulder Gutter, Conc, Det 1	8020055	5.000	Ea
1020	Spillway, Conc	8020075	24.000	Ft
1030	_ Curb and Gutter, Conc, Det B2, Modified	8027001	1,257.000	Ft
1040	_ Curb and Gutter, Conc, Det D3, Modified	8027001	428.000	Ft
1050	_ Curb and Gutter, Conc, Det F4, Modified	8027001	1,714.000	Ft
1060	Detectable Warning Surface	8030010	556.000	Ft
1070	Curb Ramp Opening, Conc	8030030	1,283.000	Ft
1080	Sidewalk Ramp, Conc, 6 inch	8030036	10,992.000	Sft
1090	Sidewalk, Conc, 4 inch	8030044	49,620.000	Sft
1100	Sidewalk, Conc, 6 inch	8030046	7,388.000	Sft
1110	Steps, Conc	8030100	1.000	Cyd
1120	_ Decorative Conc, Surface, 6 inch	8037010	3,356.000	Sft
1130	_ Decorative Conc, Surface, 9 inch	8037010	5,782.000	Sft
1140	Curb Sloped, HMA	8050010	1,355.000	Ft

1150	Shared use Path, HMA	8060040	585.000	Ton
1160	Guardrail, Type MGS-8	8070004	513.000	Ft
1170	Guardrail, Type T, Temp	8070007	150.000	Ft
1180	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
1190	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
1200	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
1210	Guardrail Approach Terminal, Type 2T, Temp	8070048	1.000	Ea
1220	Guardrail Departing Terminal, Type T, Temp	8070056	1.000	Ea
1230	Guardrail Reflector	8070080	30.000	Ea
1240	_ Field Office, Cl 1, Modified	8097043	12.000	Mo
1250	_ Field Office, Utility Fees, Modified	8097060	7,500.000	Dlr
1260	Fdn, Wood Support, Rem	8100280	126.000	Ea
1270	Installing MDOT Supplied Sign, Type III	8100302	5.000	Ea
1280	Post, Steel, 3 lb	8100371	2,794.000	Ft
1290	Post, Wood, 4 inch by 6 inch	8100380	588.000	Ft
1300	Post, Wood, 6 inch by 8 inch	8100382	180.000	Ft
1310	Sign, Type I, Rem	8100391	2.000	Ea
1320	Sign, Type IA	8100392	159.000	Sft
1330	Sign, Type II, Erect, Salv	8100396	1.000	Ea
1340	Sign, Type II, Rem	8100397	20.000	Ea
1350	Sign, Type IIA	8100398	114.000	Sft
1360	Sign, Type IIB	8100399	72.000	Sft
1370	Sign, Type III, Erect, Salv	8100402	15.000	Ea
1380	Sign, Type III, Rem	8100403	269.000	Ea
1390	Sign, Type IIIA	8100404	499.000	Sft
1400	Sign, Type IIIB	8100405	734.000	Sft
1410	Sign, Type IV, Rem	8100409	5.000	Ea
1420	Sign, Type V, Rem	8100421	2.000	Ea
1430	Sign, Type V, Erect, Salv	8100422	1.000	Ea
1440	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
1450	Reflective Panel for Permanent Sign Support, 6 foot	8100616	42.000	Ea
1460	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,257.000	Ft
1470	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	164.000	Ft
1480	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	280.000	Ft
1490	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	366.000	Ft
1500	Pavt Mrkg, Polyurea, 12 inch, White	8110111	96.000	Ft
1510	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	539.000	Ft
1520	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,385.000	Ft
1530	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	34,184.000	Ft
1540	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,805.000	Ft
1550	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	484.000	Ft
1560	Pavt Mrkg, Waterborne, 8 inch, White	8110235	300.000	Ft
1570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	7,385.000	Ft
1580	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	34,184.000	Ft
1590	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,805.000	Ft

1600	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	484.000	Ft
1610	Pavt Mrkg, Waterborne, 2nd Application, 8 inch, White	8110255	300.000	Ft
1620	Rem Spec Mrkg	8110343	900.000	Sft
1630	Pavt Mrkg, Polyurea, Lt Roundabout Arrow Sym	8110395	2.000	Ea
1640	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	25.000	Ea
1650	Pavt Mrkg, Polyurea, Only	8110410	6.000	Ea
1660	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	11.000	Ea
1670	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	4.000	Ea
1680	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
1690	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	4.000	Ea
1700	Recessing Pavt Mrkg, Longit	8110450	36,528.000	Ft
1710	Protective Ovly, Snowmobile Trail Crossing	8110550	81.000	Syd
1720	_ Pavt Mrkg, Polyurea, Thru, Lt & Rt Turn Roundabout Arrow Sym	8117050	4.000	Ea
1730	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	72.000	Ea
1740	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	72.000	Ea
1750	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1760	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1770	Ltg for Night Work	8120160	1.000	LSUM
1780	Minor Traf Devices	8120170	1.000	LSUM
1790	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	9,770.000	Ft
1800	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,844.000	Ft
1810	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	800.000	Ft
1820	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,600.000	Ft
1830	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	24,000.000	Ft
1840	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	35,380.000	Ft
1850	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	21,615.000	Ft
1860	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	32,705.000	Ft
1870	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
1880	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
1890	Sign Cover	8120310	100.000	Ea
1900	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1910	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1920	Sign, Type A, Temp, Prismatic, Furn	8120340	210.000	Sft
1930	Sign, Type A, Temp, Prismatic, Oper	8120341	210.000	Sft
1940	Sign, Type B, Temp, Prismatic, Furn	8120350	2,301.000	Sft
1950	Sign, Type B, Temp, Prismatic, Oper	8120351	2,301.000	Sft
1960	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	227.000	Sft
1970	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	227.000	Sft
1980	Traf Regulator Control	8120370	1.000	LSUM
1990	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, Yellow	8127001	50.000	Ft

2000	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8127001	480.000	Ft
2010	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8127001	2,140.000	Ft
2020	_ Pedestrian Barrier With Fence, Temp	8127001	4,430.000	Ft
2030	_ Pedestrian Path, Temp	8127001	870.000	Ft
2040	_ Pedestrian Type II Channelizer, Temp	8127001	4,065.000	Ft
2050	_ Pedestrian Ramp, Temp	8127050	19.000	Ea
2060	_ Pedestrian Type II Barricade, Temp	8127050	14.000	Ea
2070	Site Preparation, Max \$31,700.00	8150001	1.000	LSUM
2080	Watering and Cultivating, First Season, Min \$17,900.00	8150002	1.000	LSUM
2090	Watering and Cultivating, Second Season, Min \$22,200.00	8150003	1.000	LSUM
2100	Acer x freemanii Autumn Blaze, 2 inch	8150222	3.000	Ea
2110	Hemerocallis Variety, #1 cont.	8151768	2,135.000	Ea
2120	Nepeta x faassenii Walkers Low, #1 cont.	8152496	518.000	Ea
2130	Panicum virgatum Heavy Metal, #1 cont.	8152567	10.000	Ea
2140	Picea abies, 8 foot	8152743	4.000	Ea
2150	Picea glauca, 6 foot	8152759	9.000	Ea
2160	Picea omorika, 8 foot	8152789	9.000	Ea
2170	Schizachyrium scoparium The Blues, #2 cont.	8153407	146.000	Ea
2180	Spiraea japonica Gold Mound, #3 cont.	8153583	78.000	Ea
2190	Spiraea x vanhouttei, #7 cont.	8153628	10.000	Ea
2200	Sporobolus heterolepis Tara, #1 cont.	8153639	61.000	Ea
2210	Sporobolus heterolepis Tara, #2 cont.	8153640	36.000	Ea
2220	_ Shredded Bark Mulch	8157021	256.000	Cyd
2230	_ Allium christophii, #1 bulb	8157050	563.000	Ea
2240	_ Diervilla 'Kodiak Orange', #3 cont.	8157050	66.000	Ea
2250	_ Malus 'Indian Summer', 2 inch	8157050	15.000	Ea
2260	_ Nepeta x F. 'Kit Cat', #1 cont.	8157050	329.000	Ea
2270	_ Ulmus 'Accolade', 2 inch	8157050	10.000	Ea
2280	Fertilizer, Chemical Nutrient, CI A	8160020	75.000	Lb
2290	Sodding	8160055	1,415.000	Syd
2300	Topsoil Surface, Furn, 4 inch	8160062	1,415.000	Syd
2310	Water, Sodding/Seeding	8160090	380.000	Unit
2320	Slope Restoration, Type A	8160100	54,500.000	Syd
2330	Slope Restoration, Type B	8160101	15,710.000	Syd
2340	Cable Pole, TS, Dismant	8190010	1.000	Ea
2350	Cable, Rem	8190016	2,060.000	Ft
2360	Conduit, DB, 1, 1 1/2 inch	8190027	245.000	Ft
2370	Conduit, DB, 2, 3 inch	8190032	40.000	Ft
2380	Conduit, DB, 3, 3 inch	8190035	110.000	Ft
2390	Conduit, DB, 4, 3 inch	8190038	30.000	Ft
2400	Conduit, Schedule 80 PVC, 3 inch	8190159	5,935.000	Ft
2410	Hh, Rem	8190254	6.000	Ea

2420	Hh, Round, 3 foot dia	8190259	3.000	Ea
2430	Hh, Round	8190260	38.000	Ea
2440	Cable, P.J., 600V, 1, 7/C#14	8190377	750.000	Ft
2450	Cable, Sec, 600V, 1, 3/C#6	8190399	300.000	Ft
2460	Wood Pole, Cl 4, 45 foot	8190474	7.000	Ea
2470	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
2480	Wood Pole, Rem	8190505	8.000	Ea
2490	_ Cable, P.J., 600V, 1, 5/C#16	8197001	400.000	Ft
2500	_ Cable, P.J., 600V, 1, 7/C#16	8197001	240.000	Ft
2510	_ Cable, Shielded, 600V, 1, 2/C#12	8197001	500.000	Ft
2520	Case Sign Panel	8200003	5.000	Ea
2530	Case Sign Panel, Rem	8200004	5.000	Ea
2540	Case Sign, Rem	8200020	7.000	Ea
2550	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
2560	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea
2570	Controller and Cabinet, Rem	8200030	5.000	Ea
2580	Controller and Cabinet, Digital Type	8200031	2.000	Ea
2590	Controller and Cabinet, Digital Type, Master	8200033	1.000	Ea
2600	Controller and Cabinet, Salv	8200037	1.000	Ea
2610	Case Sign, Salv	8200039	2.000	Ea
2620	Controller Fdn, Base Mount	8200045	3.000	Ea
2630	Controller Fdn, Rem	8200046	2.000	Ea
2640	Fdn, Rem	8200065	5.000	Ea
2650	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	3.000	Ea
2660	Metered Serv	8200090	4.000	Ea
2670	Metered Serv, Rem	8200095	4.000	Ea
2680	Pedestal, Alum	8200100	2.000	Ea
2690	Pedestal, Fdn	8200105	3.000	Ea
2700	Pedestal Fdn, Rem	8200106	3.000	Ea
2710	Pedestal, Rem	8200110	3.000	Ea
2720	Power Co. (Est. Cost to Contractor)	8200116	2,500.000	Dlr
2730	Pushbutton and Sign	8200121	6.000	Ea
2740	Pushbutton, Rem	8200122	6.000	Ea
2750	Pushbutton Pedestal, Alum	8200123	1.000	Ea
2760	Serv Disconnect	8200135	2.000	Ea
2770	Serv Disconnect, Rem	8200136	4.000	Ea
2780	Serv Disconnect, Salv	8200138	2.000	Ea
2790	Span Wire	8200140	16.000	Ea
2800	Span Wire, Rem	8200141	11.000	Ea
2810	Steel Pole, Rem	8200145	4.000	Ea
2820	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
2830	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
2840	TS, Span Wire Mtd, Rem	8200182	28.000	Ea
2850	TS, One Way Span Wire Mtd, Salv	8200191	8.000	Ea
2860	TS, Three Way Span Wire Mtd, Salv	8200206	4.000	Ea

2870	TS, 4th Level, LTGA, Salv	8200216	2.000	Ea
2880	TS, Wireless Link, 5 Gigahertz, Master	8200274	3.000	Ea
2890	TS, Wireless Link, 5 Gigahertz, Remote	8200275	1.000	Ea
2900	TS, One Way Span Wire Mtd (LED)	8200313	19.000	Ea
2910	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
2920	TS, Two Way Span Wire Mtd (LED)	8200322	1.000	Ea
2930	TS, Three Way Span Wire Mtd (LED)	8200325	3.000	Ea
2940	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
2950	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
2960	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
2970	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
2980	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
2990	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
3000	Bracket, Truss, With 18 Foot Arm	8200378	5.000	Ea
3010	Wireless Interchn, Closed Loop, Salv	8200389	1.000	Ea
3020	Wireless Interchn, Closed Loop, Rem	8200396	4.000	Ea
3030	Wireless Vehicle Detection System	8200422	2.000	Ea
3040	Wireless Vehicle Sensor Node	8200425	12.000	Ea
3050	Wireless Vehicle Sensor Node, Salv	8200427	18.000	Ea
3060	Hemispherical Video Detection Camera	8200444	2.000	Ea
3070	Hemispherical Video Detection System	8200445	2.000	Ea
3080	Hemispherical Video Detection System, Rem	8200447	1.000	Ea
3090	Hemispherical Video Detection System, Salv	8200449	1.000	Ea
3100	TS, Bag	8200450	9.000	Ea
3110	TS, Bag, Rem	8200451	6.000	Ea
3120	TS Head, Adj	8200452	30.000	Ea
3130	Strain Pole, Steel, 6 bolt, 36 foot	8200461	8.000	Ea
3140	Strain Pole Fdn, 6 Bolt	8200470	105.000	Ft
3150	Casing	8200480	127.000	Ft
3160	Cellular Modem, TS, 4G	8200498	3.000	Ea
3170	_ Roadside Unit, Intersection	8207050	3.000	Ea
3180	_ TS, One Way Bracket Arm Mtd, Five Sect(LED)	8207050	1.000	Ea
3190	_ TS, One Way Pedestal Mtd, Five Sect(LED)	8207050	1.000	Ea
3200	Monument Box	8210001	14.000	Ea
3210	Monument Preservation	8210010	42.000	Ea
3220	Protect Corners	8210020	2.000	Ea
3230	Fire Hydrant	8230040	3.000	Ea
3240	Gate Valve and Box, 6 inch	8230051	3.000	Ea
3250	Gate Valve and Box, 8 inch	8230052	19.000	Ea
3260	Gate Valve and Box, 10 inch	8230053	6.000	Ea
3270	Gate Valve and Box, 12 inch	8230054	9.000	Ea
3280	Hydrant, Rem	8230091	4.000	Ea

3290	Hydrant, Relocate, Case 2	8230096	5.000	Ea
3300	Water Main, 6 inch, Cut and Plug	8230131	5.000	Ea
3310	Water Main, DI, 6 inch, Tr Det G	8230151	24.000	Ft
3320	Water Main, DI, 8 inch, Tr Det G	8230156	999.000	Ft
3330	Water Main, DI, 10 inch, Tr Det G	8230161	168.000	Ft
3340	Water Main, DI, 12 inch, Tr Det G	8230166	1,397.000	Ft
3350	Water Serv, Long	8230245	12.000	Ea
3360	Water Shutoff, Adj, Case 1	8230421	6.000	Ea
3370	Water Shutoff, Adj, Case 2	8230422	5.000	Ea
3380	Gate Box, Adj, Case 1	8230431	17.000	Ea
3390	Gate Box, Adj, Case 2	8230432	19.000	Ea
3400	_ Live Tap, 10 inch x 4 inch	8237050	1.000	Ea
3410	Contractor Staking, Road Only	8240007	1.000	LSUM
3420	Staking Plan Errors and Extras, One Person	8240020	83.000	Hr
3430	Staking Plan Errors and Extras, Two Person	8240021	33.000	Hr
3440	Staking Plan Errors and Extras, Three Person	8240022	50.000	Hr
3450	_ Sanitary Sewer Lateral, PVC, 6 inch, Tr Det B	8257001	2,328.000	Ft
3460	_ Sanitary Sewer, PVC, 10 inch, Tr Det B, Modified	8257001	8.000	Ft
3470	_ Sanitary Sewer, PVC, 12 inch, Tr Det B, Modified	8257001	1,555.000	Ft
3480	_ Sanitary Sewer, PVC, 8 inch, Tr Det B, Modified	8257001	375.000	Ft
3490	_ Sanitary Structure, Add Depth of 48 inchdia, 8 foot to 15 foot	8257001	14.000	Ft
3500	_ Sanitary Structure Cover, Type Q	8257050	7.000	Ea
3510	_ Sanitary Structure, 48 inch dia	8257050	6.000	Ea
3520	_ Sanitary Structure, Rem	8257050	6.000	Ea
3530	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3540	Microwave Vehicle Detection System, Rem and Salv	8260041	1.000	Ea
3550	Microwave Vehicle Detection System, Install Salv	8260042	1.000	Ea
3560	Managed Field Ethernet Switch, Rem and Salv	8260084	1.000	Ea
3570	Managed Field Ethernet Switch, Install Salv	8260085	1.000	Ea
3580	Flowable Fill, Non-Structural	8260148	42.000	Cyd
3590	_ CCTV Camera, Rem and Salv	8267050	1.000	Ea
3600	_ Cellular Modem, Rem and Salv	8267050	2.000	Ea
3610	_ Closed-Circuit Television Camera, Install Salv	8267050	1.000	Ea
3620	_ Managed Field Ethernet Switch, Fiber Capable	8267050	3.000	Ea



2/2/2018 9:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 044

Letting Date: March 2, 2018

Contract ID: 39042-132993

Description: 0.32 mi of hot mix asphalt cold milling and resurfacing, shared-use path, concrete curb and gutter, add center left-turn and right-turn lane, signing, guardrail and pavement markings on M-96 at 33rd Street, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132993A	N/A	N/A	EDA 39042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	16.000	Ea
0050	Curb and Gutter, Rem	2040020	104.000	Ft
0060	Fence, Rem	2040025	50.000	Ft
0070	Guardrail, Rem	2040035	28.000	Ft
0080	Embankment, LM	2050011	1,713.000	Cyd
0090	Excavation, Earth	2050016	2,999.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0120	Erosion Control, Silt Fence	2080036	661.000	Ft
0130	_ Permeable Runoff Structure	2087001	16.000	Ft
0140	Subbase, LM	3010003	1,831.000	Cyd
0150	Aggregate Base, 6 inch	3020016	4,283.000	Syd
0160	_ Maintenance Gravel, Pedestrian	3067031	200.000	Ton
0170	Approach, CI II, LM	3070023	7.000	Cyd
0180	Shoulder, CI II, LM	3070123	19.000	Cyd
0190	Shoulder, CI II, 6 inch	3070128	494.000	Syd
0200	Culv End Sect, 12 inch	4010012	2.000	Ea
0210	Dr Marker Post	4011109	2.000	Ea
0220	Sewer, CI A, 12 inch, Tr Det A	4020004	35.000	Ft
0230	Sewer, CI A, 12 inch, Tr Det B	4020033	84.000	Ft
0240	Video Taping Sewer and Culv Pipe	4021275	124.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0260	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0270	Dr Structure Cover, Type J	4030045	2.000	Ea

0280	_ Dr Structure, 48 inch dia, Modified	4037050	2.000	Ea
0290	Cold Milling HMA Surface	5010002	7,790.000	Syd
0300	HMA Surface, Rem	5010005	2,359.000	Syd
0310	HMA Quality Initiative	5010007	4,698.000	Dlr
0320	Hand Patching	5010025	40.000	Ton
0330	HMA, 3E1	5010044	392.000	Ton
0340	HMA, 4E1	5010050	1,404.000	Ton
0350	HMA Approach	5010061	209.000	Ton
0360	Curb and Gutter, Conc, Det B2	8020016	426.000	Ft
0370	Curb Ramp Opening, Conc	8030030	50.000	Ft
0380	Shared use Path, HMA	8060040	311.000	Ton
0390	Guardrail, Type MGS-8	8070004	50.000	Ft
0400	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0410	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0420	Guardrail Reflector	8070080	2.000	Ea
0430	Post, Mailbox	8070095	2.000	Ea
0440	Delineator Reflector, Green	8100133	2.000	Ea
0450	Fdn, Wood Support, Rem	8100280	2.000	Ea
0460	Post, Rigid, Delineator	8100361	2.000	Ea
0470	Post, Steel, 3 lb	8100371	343.000	Ft
0480	Sign, Type II, Erect, Salv	8100396	12.000	Ea
0490	Sign, Type II, Rem	8100397	14.000	Ea
0500	Sign, Type IIA	8100398	8.000	Sft
0510	Sign, Type III, Rem	8100403	13.000	Ea
0520	Sign, Type IIIA	8100404	9.000	Sft
0530	Sign, Type IIIB	8100405	55.000	Sft
0540	Sign, Type IV, Erect, Salv	8100408	1.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	86.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0570	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,645.000	Ft
0580	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,775.000	Ft
0590	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,512.000	Ft
0600	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	395.000	Ft
0610	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,689.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,812.000	Ft
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0650	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,150.000	Ft
0690	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	120.000	Ft
0700	Plastic Drum, High Intensity, Furn	8120250	158.000	Ea

0710	Plastic Drum, High Intensity, Oper	8120251	158.000	Ea
0720	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0730	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	1,065.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	1,065.000	Sft
0760	Traf Regulator Control	8120370	1.000	LSUM
0770	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0780	Riprap, Plain	8130010	8.000	Syd
0790	_ Turf Establishment, Performance	8167011	2,862.000	Syd
0800	Protect Corners	8210020	7.000	Ea
0810	Hydrant, Relocate, Case 2	8230096	2.000	Ea
0820	Gate Box, Adj, Case 1	8230431	2.000	Ea
0830	Gate Box, Adj, Case 2	8230432	1.000	Ea
0840	Contractor Staking, Road Only	8240007	1.000	LSUM
0850	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0860	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0870	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr
0880	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr



2/2/2018 9:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 045

Letting Date: March 2, 2018

Contract ID: 41061-128597

Description: Bridge rehabilitation including epoxy overlay, concrete deck, barrier and substructure patching, replacement of expansion joint, guardrail and approach work on M-11 over CSX Railroad in the city of Grandville, Kent County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128597A	1800317	N/A	NH 41061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,800.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	180.000	Ft
0030	_ Conc Surface Patch, (LMC), Special	6027011	15.000	Syd
0040	_ Latex Modified Concrete	6027021	2.000	Cyd
0050	Guardrail, Type B	8070000	50.000	Ft
0060	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0070	Guardrail Reflector	8070080	4.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	200.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	800.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	800.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	200.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	800.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	800.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0170	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Mobile Attenuator	8120180	2.000	Ea
0230	Pavt Mrkg Cover, Type R, Black	8120200	7,500.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	11,000.000	Ft
0250	Plastic Drum, High Intensity, Furn	8120250	31.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	31.000	Ea

0270	Sign Cover	8120310	20.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0300	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0310	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea

Section: 2

0320	_ Resealing Bridge End Joints	6027001	167.000	Ft
0330	Conc, Grade D	7060010	19.000	Cyd
0340	Expansion Joint Device	7060050	164.000	Ft
0350	False Decking	7060060	8,612.000	Sft
0360	Reinforcement, Steel, Epoxy Coated	7060092	3,600.000	Lb
0370	Conc Surface Coating, Warranty (R01 of 41061)	7100009	1.000	LSUM
0380	Hand Chipping, Shallow	7120003	36.000	Syd
0390	Hand Chipping, Deep	7120004	23.000	Syd
0400	Hand Chipping, Other Than Deck	7120007	314.000	Cft
0410	Patch, Forming	7120017	628.000	Sft
0420	Epoxy Ovly	7120020	1,603.000	Syd
0430	Deck Joint, Rem	7120071	167.000	Ft
0440	Patching Conc, C-L	7120112	15.000	Cyd
0450	Embedded Galvanic Anode	7120120	336.000	Ea
0460	Support, Column, Temp	7130080	2.000	Ea
0470	Slope Paving Header	8130015	15.000	Ft
0480	Slope Paving, Conc	8130020	40.000	Syd
0490	_ Railroad Inspection and Flagging	8507060	45,500.000	Dlr
0500	_ Railroad Protection	8507060	20,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 046

Letting Date: March 2, 2018

Contract ID: 41000-201467

Description: Application of long line pavement markings on various routes, Allegan, Barry, Ionia, Kent, Lake, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola and Ottawa Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201467A	1800323	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$265,400.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	5.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,066,891.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,442,078.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,694,384.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,103,809.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	436,384.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	602,191.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,750,236.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,236,347.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,912,233.000	Ft
0130	Pavt Mrkg, Waterborne, 12 inch, White	8110237	166,762.000	Ft
0140	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	133,854.000	Ft
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,500.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 047

Letting Date: March 2, 2018

Contract ID: 69023-201475

Description: Application of longitudinal pavement markings on various routes, Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Preque Isle, Roscommon and Wexford Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201475A	1800350	N/A	HSIP 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$176,700.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	800.000	Mi
0030	Call Back, Mobilization	8110011	5.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	134,671.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	844,671.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	423,282.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,142.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	400.000	Ft
0090	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	235.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	488,761.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,411,968.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	15,823,346.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,833,061.000	Ft
0140	Pavt Mrkg, Waterborne, 8 inch, White	8110235	340.000	Ft
0150	Pavt Mrkg, Waterborne, 12 inch, White	8110237	110,162.000	Ft
0160	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	36,622.000	Ft
0170	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	273,686.000	Ft
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 180302 048

Letting Date: March 2, 2018

Contract ID: 63000-201474

Description: Application of special pavement markings, Macomb, Oakland and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201474A	1800335	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$127,200.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	10.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	128.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	5.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	93.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	8,127.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	661.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	5.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	382.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	6.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	13.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	547.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, School	8110074	55.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	23.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	42.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	53.000	Ea
0180	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	82,506.000	Ft
0190	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	4.000	Ea
0200	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	6,256.000	Ft
0210	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	6,014.000	Ft
0220	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	20,731.000	Ft
0230	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	42,449.000	Ft
0240	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8110222	254.000	Ft
0250	Rem Spec Mrkg	8110343	258,000.000	Sft

0260	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	19.000	Ea
0270	Pavt Mrkg, Polyurea, Only	8110410	35.000	Ea
0280	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	18.000	Ea
0290	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	16.000	Ea
0300	Recessing Pavt Mrkg, Transv	8110451	1,000.000	Sft
0310	Recessing Pavt Mrkg, Turning Guide Line	8110452	500.000	Sft
0320	Minor Traf Devices	8120170	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 180302 049

Letting Date: March 2, 2018

Contract ID: 41000-201471

Description: Application of permanent pavement markings on various routes, Kent and Ionia Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201471A	1800334	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,600.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	5.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	613.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	6.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	112.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	706.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	6.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	16.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	7.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	521.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, School	8110074	29.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	18.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	11.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	10.000	Ea
0160	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, Yellow	8110088	342.000	Ft
0170	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	55,308.000	Ft
0180	Pavt Mrkg, Polyurea, Yield	8110103	8.000	Ea
0190	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	2,221.000	Ft
0200	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	11,517.000	Ft
0210	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	3,869.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	26,343.000	Ft
0230	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	18.000	Ea
0240	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8110222	3,275.000	Ft
0250	Rem Spec Mrkg	8110343	130,087.000	Sft

0260	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	8.000	Ea
0270	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0280	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	4.000	Ea
0290	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0300	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0310	Recessing Pavt Mrkg, Turning Guide Line	8110452	1,806.000	Sft
0320	Minor Traf Devices	8120170	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180302 050

Letting Date: March 2, 2018

Contract ID: 34031-113355

Description: 72.60 mi of non-freeway signing upgrades along M-66 from Eaton Highway northerly to Eisenhower Road and along M-91 from Stoney Road northerly to M-46, Ionia and Montcalm Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113355A	1800349	N/A	STG 34031
113362A	1800345	N/A	STG 84913

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,900.00	1500001	1.000	LSUM
0020	_ Brick Pavers, Rem	8037010	250.000	Sft
0030	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	250.000	Sft
0040	Band, Sign	8100010	12.000	Ea
0050	Delineator Reflector, Yellow	8100132	34.000	Ea
0060	Delineator Reflector, Green	8100133	351.000	Ea
0070	Delineator Reflector, White	8100134	42.000	Ea
0080	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	128.000	Ea
0090	Fdn, Wood Support, Rem	8100280	164.000	Ea
0100	Installing MDOT Supplied Sign, Type III	8100302	126.000	Ea
0110	Post Hole Through Conc for Steel Post	8100340	67.000	Ea
0120	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
0130	Post, Flexible, Delineator	8100360	64.000	Ea
0140	Post, Rigid, Delineator	8100361	407.000	Ea
0150	Post, Steel, 3 lb	8100371	34,114.000	Ft
0160	Post, Wood, 4 inch by 6 inch	8100380	2,454.000	Ft
0170	Post, Wood, 6 inch by 8 inch	8100382	1,689.000	Ft
0180	Sign, Type II, Erect, Salv	8100396	8.000	Ea
0190	Sign, Type II, Rem	8100397	307.000	Ea
0200	Sign, Type IIA	8100398	2,572.000	Sft
0210	Sign, Type IIB	8100399	668.000	Sft
0220	Sign, Type III, Erect, Salv	8100402	558.000	Ea
0230	Sign, Type III, Rem	8100403	2,316.000	Ea
0240	Sign, Type IIIA	8100404	2,725.000	Sft
0250	Sign, Type IIIB	8100405	5,772.000	Sft
0260	Transporting Salv MDOT Materials	8100420	1.000	LSUM

0270	Sign, Type VB	8100425	941.000	Sft
0280	Reflective Panel for Permanent Sign Support, 3 foot	8100613	40.000	Ea
0290	Reflective Panel for Permanent Sign Support, 6 foot	8100616	862.000	Ea
0300	Channelizing Device, 42 inch, Furn	8120030	80.000	Ea
0310	Channelizing Device, 42 inch, Oper	8120031	80.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Mobile Attenuator	8120180	2.000	Ea
0360	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0380	Sign Cover	8120310	20.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	1,152.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	1,152.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	Contractor Staking, Road Only	8240007	1.000	LSUM
0430	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0440	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0450	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 051

Letting Date: March 2, 2018

Contract ID: 19000-129860

Description: 3.32 mi of hot mix asphalt cold milling and resurfacing, drainage structure repairs, sidewalk ramps, shared-use paths and pavement markings on West Clark Road and Herbison Road, Clinton County.
This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129860A	1800302	N/A	STU 19000
129913A	1800303	N/A	STU 19000
133305A	1800304	N/A	TAU 19000
201836A	1800307	N/A	CM 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$146,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.800	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	15.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	22.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0070	Dr Structure, Rem	2030011	3.000	Ea
0080	Curb and Gutter, Rem	2040020	488.000	Ft
0090	Pavt, Rem	2040050	288.000	Syd
0100	Sidewalk, Rem	2040055	124.000	Syd
0110	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0120	_ Machine Grading, Modified	2057002	127.000	Sta
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0140	Erosion Control, Silt Fence	2080036	10,500.000	Ft
0150	Subbase, CIP	3010002	644.000	Cyd
0160	Aggregate Base, 4 inch	3020010	5,003.000	Syd
0170	Aggregate Base, 8 inch	3020020	1,275.000	Syd
0180	Maintenance Gravel	3060020	200.000	Ton
0190	Approach, CI I, 6 inch	3070008	254.000	Syd
0200	Approach, CI I, 7 inch	3070009	2,150.000	Syd
0210	Culv End Sect, 12 inch	4010012	7.000	Ea
0220	Culv End Sect, 15 inch	4010015	1.000	Ea
0230	Culv, CI A, 12 inch	4010131	136.000	Ft
0240	Culv, CI E, 12 inch	4010539	107.000	Ft

0250	Culv, CI E, 15 inch	4010540	138.000	Ft
0260	Steel Casing Pipe, 42 inch, Jacked in Place	4011173	112.000	Ft
0270	Sewer, CI A, 36 inch, Tr Det A	4020009	678.000	Ft
0280	Sewer, CI A, 12 inch, Tr Det B	4020033	175.000	Ft
0290	Sewer, CI A, 15 inch, Tr Det B	4020034	8.000	Ft
0300	Sewer, CI II, 12 inch, Tr Det B	4020748	739.000	Ft
0310	Sewer, CI II, 18 inch, Tr Det B	4020751	221.000	Ft
0320	Sewer, CI IV, 24 inch, Tr Det B	4020993	57.000	Ft
0330	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0340	Dr Structure Cover, Type B	4030010	1.000	Ea
0350	Dr Structure Cover, Type E	4030035	4.000	Ea
0360	Dr Structure Cover, Type G	4030040	1.000	Ea
0370	Dr Structure Cover, Type K	4030050	1.000	Ea
0380	Dr Structure, 24 inch dia	4030200	8.000	Ea
0390	Dr Structure, 48 inch dia	4030210	12.000	Ea
0400	Dr Structure, 60 inch dia	4030220	4.000	Ea
0410	Dr Structure, Temp Lowering	4030390	21.000	Ea
0420	_ Sanitary Structure Cover, Adj, Add Depth	4037001	3.000	Ft
0430	_ Dr Structure Cover, Flat Top Round	4037050	18.000	Ea
0440	_ Sanitary Mh, Encapsulation	4037050	20.000	Ea
0450	_ Sanitary Structure Cover	4037050	2.000	Ea
0460	_ Sanitary Structure Cover, Adj, Case 1	4037050	20.000	Ea
0470	_ Sanitary Structure Cover, Adj, Case 2	4037050	2.000	Ea
0480	_ Stormwater Oil and Sediment Separator, Model 1	4037050	5.000	Ea
0490	_ Stormwater Oil and Sediment Separator, Model 2	4037050	2.000	Ea
0500	Cold Milling HMA Surface	5010002	42,028.000	Syd
0510	HMA Surface, Rem	5010005	396.000	Syd
0520	Hand Patching	5010025	40.000	Ton
0530	HMA, 13A	5010033	9,360.000	Ton
0540	HMA Approach	5010061	15.000	Ton
0550	Cement	6030005	15.000	Ton
0560	Driveway, Nonreinf Conc, 8 inch	8010007	446.000	Syd
0570	Curb and Gutter, Conc, Det B2	8020016	184.000	Ft
0580	Curb and Gutter, Conc, Det F4	8020038	621.000	Ft
0590	Detectable Warning Surface	8030010	255.000	Ft
0600	Curb Ramp Opening, Conc	8030030	356.000	Ft
0610	Sidewalk Ramp, Conc, 6 inch	8030036	4,632.000	Sft
0620	Sidewalk, Conc, 4 inch	8030044	47,643.000	Sft
0630	_ Sidewalk, Conc, 8 inch	8037010	2,673.000	Sft
0640	Shared use Path, Grading	8060030	5,942.000	Ft
0650	Post, Mailbox	8070095	26.000	Ea
0660	Fence, Woven Wire with Wood Post	8080001	300.000	Ft
0670	Fence, Protective	8080007	300.000	Ft
0680	Post, Steel, 3 lb	8100371	536.000	Ft
0690	Sign, Type III, Erect, Salv	8100402	10.000	Ea

0700	Sign, Type III, Rem	8100403	10.000	Ea
0710	Sign, Type IIIB	8100405	76.000	Sft
0720	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	209.000	Ft
0730	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	730.000	Ft
0740	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	153.000	Ft
0750	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0760	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0780	Pavt Mrkg, Waterborne, 4 inch, White	8110231	918.000	Ft
0790	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,606.000	Ft
0800	Pavt Mrkg, Waterborne, 6 inch, White	8110233	22,154.000	Ft
0810	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0820	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0830	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0840	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0850	Minor Traf Devices	8120170	1.000	LSUM
0860	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0870	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0880	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0890	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0900	Sign, Type B, Temp, Prismatic, Furn	8120350	111.000	Sft
0910	Sign, Type B, Temp, Prismatic, Oper	8120351	111.000	Sft
0920	Traf Regulator Control	8120370	1.000	LSUM
0930	Slope Restoration, Type B	8160101	17,229.000	Syd
0940	Conduit, DB, 1, 1 1/2 inch	8190027	20.000	Ft
0950	Conduit, DB, 2, 3 inch	8190032	200.000	Ft
0960	Hh, Round	8190260	4.000	Ea
0970	Cable, Sec, 600V, 1, 3/C#6	8190399	60.000	Ft
0980	Wood Pole, Cl 4, 40 foot	8190473	1.000	Ea
0990	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1000	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
1010	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1020	Digital Loop Detector	8200055	2.000	Ea
1030	Pedestal, Alum	8200100	4.000	Ea
1040	Pedestal, Alum, Salv	8200101	1.000	Ea
1050	Pedestal, Fdn	8200105	4.000	Ea
1060	Pedestal Fdn, Rem	8200106	1.000	Ea
1070	Pedestal, Rem	8200110	1.000	Ea
1080	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
1090	Pedestal, Underground Serv, Rem	8200113	1.000	Ea
1100	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
1110	Pushbutton and Sign	8200121	4.000	Ea
1120	Serv Disconnect	8200135	1.000	Ea
1130	Span Wire	8200140	1.000	Ea

1140	Traf Loop	8200170	4.000	Ea
1150	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
1160	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1170	TS, Four Way Span Wire Mtd (LED)	8200327	2.000	Ea
1180	TS, Pedestrian, One Way Bracket Arm Mtd (LED)	8200337	4.000	Ea
1190	TS, Pedestrian, One Way Pedestal Mtd (LED)	8200344	2.000	Ea
1200	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
1210	Strain Pole Fdn, 6 Bolt	8200470	14.000	Ft
1220	Casing	8200480	11.000	Ft
1230	Gate Box, Adj, Case 1	8230431	3.000	Ea
1240	Gate Box, Adj, Case 2	8230432	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180302 052

Letting Date: March 2, 2018

Contract ID: 03111-115048

Description: 1.78 mi of full-depth concrete pavement repairs, hot mix asphalt cold milling and resurfacing and pavement markings on US-131 from south of 102nd Avenue north to the Grand Elk Railroad in the city of Plainwell, Allegan County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115048A	1800369	N/A	NH 03111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$119,900.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	705.000	Ton
0030	Cold Milling HMA Surface	5010002	10,560.000	Syd
0040	HMA Quality Initiative	5010007	1,900.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	6,622.000	Dlr
0060	Hand Patching	5010025	50.000	Ton
0070	HMA, 5E30	5010059	900.000	Ton
0080	_ Asphalt Repair Mastic	5027001	500.000	Ft
0090	Joint, Contraction, Cp	6020200	825.000	Ft
0100	Joint, Contraction, C2	6020203	255.000	Ft
0110	Joint, Expansion, E2	6020207	255.000	Ft
0120	Cement	6030005	130.000	Ton
0130	Joint, Contraction, Crg	6030020	13,385.000	Ft
0140	Joint, Expansion, Erg	6030021	255.000	Ft
0150	Lane Tie, Epoxy Anchored	6030030	301.000	Ea
0160	Non-Chloride Accelerator	6030035	2,910.000	Gal
0170	Pavt Repr, Nonreinf Conc, 10 inch	6030048	4,915.000	Syd
0180	Pavt Repr, Rem	6030080	4,915.000	Syd
0190	Saw Cut, Intermediate	6030090	1,015.000	Ft
0200	Sawing and Sealing Longit Pavt Joints	6030095	3,750.000	Ft
0210	Sawing and Sealing Trans Pavt Joints	6030096	3,750.000	Ft
0220	Resealing Trans Joints with Hot-Poured Rubber	6030100	2,500.000	Ft
0230	Resealing Longit Joints with Hot-Poured Rubber	6030101	2,500.000	Ft
0240	_ Joint, Tied, Special	6037001	7,980.000	Ft
0250	_ Pavt Repr, Nonreinf, 10 inch, Special	6037011	2,517.000	Syd
0260	_ Pavt Repr, Rem, Special	6037011	2,517.000	Syd
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,000.000	Ft

0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	28,000.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	28,000.000	Ft
0300	Pavt Mrkg, Waterborne, 12 inch, White	8110237	3,000.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	6,000.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	28,000.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	28,000.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	3,000.000	Ft
0350	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0400	Ltg for Night Work	8120160	1.000	LSUM
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Mobile Attenuator	8120180	1.000	Ea
0430	Plastic Drum, High Intensity, Furn	8120250	650.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	650.000	Ea
0450	Sign Cover	8120310	75.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	2,818.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	2,818.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	143.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	143.000	Sft
0500	_ Sign, Portable, Changeable Message, NTCP-Compliant, Furn	8127050	4.000	Ea
0510	_ Sign, Portable, Changeable Message, NTCP-Compliant, Oper	8127050	4.000	Ea
0520	Shoulder Corrugations, Ground or Cut, HMA	8220001	3,980.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 180302 053

Letting Date: March 2, 2018

Contract ID: 43012-200554

Description: 6.36 mi of hot mix asphalt cold milling, resurfacing and pavement markings on US-10/M-37 at multiple locations in the village of Baldwin, Lake and Wexford Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200554A	1800376	N/A	ST 43012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$118,000.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,660.000	Ton
0030	Trenching	3070200	63.000	Sta
0040	Cold Milling HMA Surface	5010002	122,909.000	Syd
0050	Bump Grinding	5010004	300.000	Syd
0060	HMA Quality Initiative	5010007	28,900.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	44,820.000	Dlr
0080	HMA, 5E1	5010056	2,645.000	Ton
0090	HMA Approach	5010061	443.000	Ton
0100	HMA, LVSP	5010703	11,362.000	Ton
0110	Delineator Reflector, Green	8100133	41.000	Ea
0120	Delineator, Rem	8100349	34.000	Ea
0130	Post, Rigid, Delineator	8100361	41.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0170	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	484.000	Ft
0180	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	47.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,312.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,435.000	Ft
0210	Pavt Mrkg, Waterborne, 6 inch, White	8110233	75,417.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,312.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	13,435.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	75,417.000	Ft
0250	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0260	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,312.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,084.000	Ft
0310	Plastic Drum, High Intensity, Furn	8120250	61.000	Ea
0320	Plastic Drum, High Intensity, Oper	8120251	61.000	Ea
0330	Sign Cover	8120310	3.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	960.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	960.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Monument Box	8210001	3.000	Ea
0380	Protect Corners	8210020	3.000	Ea
0390	Centerline Corrugations, Milled, HMA	8220013	30,079.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 180302 054

Letting Date: March 2, 2018

Contract ID: 78054-126426

Description: Epoxy overlay, deck patching, joint replacement, substructure repair, cleaning and coating of structural steel, guardrail, and approach work on M-66 over the Prairie River and over the St. Joseph River, St. Joseph County. This project includes a 2 year warranty on bridge coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126426A	1800362	N/A	ST 78054

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$114,400.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0040	Curb and Gutter, Rem	2040020	87.000	Ft
0050	Guardrail, Rem	2040035	737.000	Ft
0060	Pavt, Rem	2040050	342.000	Syd
0070	Embankment, CIP	2050010	82.000	Cyd
0080	Excavation, Earth	2050016	243.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	34.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0130	Erosion Control, Silt Fence	2080036	685.000	Ft
0140	Subbase, CIP	3010002	171.000	Cyd
0150	Aggregate Base, 6 inch	3020016	491.000	Syd
0160	Shoulder, CI II, 6 inch	3070128	129.000	Syd
0170	Cold Milling HMA Surface	5010002	829.000	Syd
0180	HMA Surface, Rem	5010005	462.000	Syd
0190	Hand Patching	5010025	20.000	Ton
0200	HMA Approach	5010061	97.000	Ton
0210	Conc Pavt, Curing Horizontal Surfaces	6020159	520.000	Syd
0220	Joint, Expansion, E3	6020208	162.000	Ft
0230	Conc Quality Initiative	6020401	34.000	Dlr
0240	Joint, Expansion, Erg	6030021	82.000	Ft
0250	Lane Tie, Epoxy Anchored	6030030	44.000	Ea
0260	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	458.000	Syd
0270	Curb and Gutter, Bridge Approach	8020010	140.000	Ft

0280	Guardrail, Type B	8070000	550.000	Ft
0290	Guardrail Anch, Bridge, Det A2	8070021	4.000	Ea
0300	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0310	Guardrail Reflector	8070080	24.000	Ea
0320	Delineator Reflector, Green	8100133	8.000	Ea
0330	Delineator, Rem	8100349	8.000	Ea
0340	Post, Rigid, Delineator	8100361	8.000	Ea
0350	Post, Steel, 3 lb	8100371	160.000	Ft
0360	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0370	Sign, Type III, Rem	8100403	8.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,266.000	Ft
0390	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,726.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,266.000	Ft
0410	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,726.000	Ft
0420	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	132.000	Ft
0430	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,048.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0460	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	4.000	Ea
0470	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	4.000	Ea
0480	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	4.000	Ea
0490	Conc Barrier, Temp, Adj	8120080	1,000.000	Ft
0500	Conc Barrier, Temp, Furn	8120081	1,000.000	Ft
0510	Conc Barrier, Temp, Oper	8120082	1,000.000	Ft
0520	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Mobile Attenuator	8120180	1.000	Ea
0560	Pavt Mrkg Cover, Type R, Black	8120200	1,000.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	288.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,800.000	Ft
0590	Plastic Drum, High Intensity, Furn	8120250	230.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	230.000	Ea
0610	PTS System, Temp, Furn	8120270	2.000	Ea
0620	PTS System, Temp, Oper	8120271	2.000	Ea
0630	Sign Cover	8120310	10.000	Ea
0640	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0650	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0660	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0670	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	742.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	742.000	Sft

0700	Traf Regulator Control	8120370	1.000	LSUM
0710	_ Turf Establishment, Performance	8167011	1,040.000	Syd
0720	Contractor Staking	8240001	1.000	LSUM
0730	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
0740	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0750	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr

Section: 2

0760	Erosion Control, Turbidity Curtain, Deep	2080042	200.000	Ft
0770	HMA Patch, Rem	5010006	290.000	Syd
0780	Conc, Grade D	7060010	48.000	Cyd
0790	Expansion Joint Device	7060050	173.000	Ft
0800	False Decking	7060060	11,375.000	Sft
0810	Reinforcement, Steel, Epoxy Coated	7060092	5,800.000	Lb
0820	Bushing	7070030	96.000	Ea
0830	Joint Waterproofing	7100001	123.000	Sft
0840	Penetrating Healer/Sealer, Bridge Deck	7100025	300.000	Syd
0850	_ Silane Treatment	7107010	7,710.000	Sft
0860	Hand Chipping, Shallow	7120003	55.000	Syd
0870	Hand Chipping, Deep	7120004	83.000	Syd
0880	Hand Chipping, Other Than Deck	7120007	190.000	Cft
0890	Patch, Forming	7120017	500.000	Sft
0900	Epoxy Ovly	7120020	1,367.000	Syd
0910	Structures, Rehabilitation, Rem Portions (B01 of 78054)	7120070	1.000	LSUM
0920	Deck Joint, Rem	7120071	151.000	Ft
0930	Reinforcement, Mechanical Splice	7120084	80.000	Ea
0940	Patching Conc, C-L	7120112	21.000	Cyd
0950	Embedded Galvanic Anode	7120120	228.000	Ea
0960	Beam Plate, Seal Perimeter	7130010	754.000	Ft
0970	Cutting Beam Ends, Simple Span	7130020	1.000	Ea
0980	Hanger Assembly, Field Measurement	7130030	24.000	Ea
0990	Hanger Assembly, Rem and Erect	7130031	24.000	Ea
1000	Heat Straightening Steel (B01 of 78054)	7130040	1.000	LSUM
1010	Structural Steel, Furn and Fab, Pin and Hanger	7130070	4,783.000	Lb
1020	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,919.000	Lb
1030	Support, Suspension, Temp	7130082	24.000	Ea
1040	Steel Structure, Cleaning, Type 4 (B01 of 78052)	7150045	1.000	LSUM
1050	Steel Structure, Coating, Type 4 (B01 of 78052)	7150046	1.000	LSUM
1060	Steel Structure, Cleaning, Partial, Type 4 (B01 of 78054)	7150047	1.000	LSUM
1070	Steel Structure, Coating, Partial, Type 4 (B01 of 78054)	7150048	1.000	LSUM
1080	Field Repair of Damaged Coating (B01 of 78054)	7160001	1.000	LSUM
1090	_ Riprap, Under Structures, Special	8137031	640.000	Ton
1100	_ Riprap, Special	9167031	724.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 180302 055

Letting Date: March 2, 2018

Contract ID: 43012-200555

Description: 12.50 mi of overband crack filling, chip sealing, single, warranty and fog sealing on M-37 from north of 44th Street to north of 7 Mile Road, Lake County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200555A	1800379	N/A	ST 43012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$90,600.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	800.000	Ton
0030	_ Aggregate Shoulder, Conditioning	3077002	822.000	Sta
0040	Overband Crack Fill, Lane	5020003	27.440	Lnmi
0050	Chip Seal, Single, Warranty	5050040	268,942.000	Syd
0060	_ Seal, Fog	5057011	268,942.000	Syd
0070	Delineator Reflector, Green	8100133	94.000	Ea
0080	Delineator Reflector, White	8100134	18.000	Ea
0090	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	50.000	Ea
0100	Delineator, Rem	8100349	104.000	Ea
0110	Post, Flexible, Delineator	8100360	25.000	Ea
0120	Post, Rigid, Delineator	8100361	112.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	4.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,200.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	42,914.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	134,116.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,200.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	42,914.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	134,116.000	Ft
0200	Rem Spec Mrkg	8110343	168.000	Sft
0210	_ Traffic Control	8127051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 180302 056

Letting Date: March 2, 2018

Contract ID: 41031-200149

Description: 2.08 mi of full-depth concrete joint repairs, concrete joint and crack sealing, intermediate concrete spall repairs and pavement marking on M-37 from Patterson Avenue north to north of 44th Street in the city of Kentwood, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200149A	1800371	N/A	NH 41031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$84,000.00	1500001	1.000	LSUM
0020	Hand Patching	5010025	50.000	Ton
0030	_ Asphalt Repair Mastic	5027001	430.000	Ft
0040	Joint, Contraction, Cp	6020200	890.000	Ft
0050	Cement	6030005	120.000	Ton
0060	Crack Sealing, Conc Pavt	6030010	3,414.000	Ft
0070	Joint, Contraction, Crg	6030020	14,831.000	Ft
0080	Joint, Expansion, Erg	6030021	390.000	Ft
0090	Lane Tie, Epoxy Anchored	6030030	55.000	Ea
0100	Non-Chloride Accelerator	6030035	2,600.000	Gal
0110	Pavt Repr, Nonreinf Conc, 10 inch	6030048	3,680.000	Syd
0120	Pavt Repr, Rem	6030080	3,680.000	Syd
0130	Saw Cut, Intermediate	6030090	1,200.000	Ft
0140	Resealing Trans Joints with Hot-Poured Rubber	6030100	7,620.000	Ft
0150	Resealing Longit Joints with Hot-Poured Rubber	6030101	19,650.000	Ft
0160	_ Joint, Tied, Special	6037001	3,420.000	Ft
0170	_ Pavt Repr, Nonreinf, 10 Inch, Special	6037011	1,020.000	Syd
0180	_ Pavt Repr, Rem, Special	6037011	1,020.000	Syd
0190	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,848.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	700.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	5.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0230	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	7,600.000	Ft
0240	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	400.000	Ft
0250	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	24,600.000	Ft
0260	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	24,100.000	Ft
0270	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, White	8110212	100.000	Ft

0280	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow	8110213	160.000	Ft
0290	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	6,210.000	Ft
0300	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	3,070.000	Ft
0310	Rem Curing Compound, for Spec Mrkg	8110321	182.000	Sft
0320	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0330	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0350	Ltg for Night Work	8120160	1.000	LSUM
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Mobile Attenuator	8120180	1.000	Ea
0380	Plastic Drum, High Intensity, Furn	8120250	500.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	500.000	Ea
0400	Sign Cover	8120310	25.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	1,284.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,284.000	Sft
0430	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	161.000	Sft
0440	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	161.000	Sft
0450	_ Sign, Portable, Changeable Message, NTCIP, Furn	8127050	5.000	Ea
0460	_ Sign, Portable, Changeable Message, NTCIP, Oper	8127050	5.000	Ea



2/9/2018 9:55 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 057

Letting Date: March 2, 2018

Contract ID: 09033-132105

Description: 7.70 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, patch repair, joint repairs and pavement markings on M-13 from I-75 north to Linwood Road, Bay County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132105A	1800375	N/A	ST 09033
200568A	1800380	N/A	ST 09111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Sidewalk Ramp Layout	1047051	1.000	LSUM
0020	Mobilization, Max \$452,100.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	10.000	Ft
0040	Pavt, Rem	2040050	270.000	Syd
0050	Sidewalk, Rem	2040055	5.000	Syd
0060	Excavation, Earth	2050016	3.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0080	Subbase, CIP	3010002	3.000	Cyd
0090	Aggregate Base	3020001	1.000	Ton
0100	_ Shoulder, CI II - Modified	3077031	3,500.000	Ton
0110	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0120	Cold Milling HMA Surface	5010002	331,450.000	Syd
0130	Bump Grinding	5010004	4,000.000	Syd
0140	HMA Surface, Rem	5010005	2.000	Syd
0150	HMA Quality Initiative	5010007	64,720.000	Dlr
0160	Pavt for Butt Joints, Rem	5010008	4,400.000	Syd
0170	Longitudinal Joint Density Quality Initiative	5010018	206,000.000	Dlr
0180	Pavt Joint and Crack Repr, Det 7	5010020	6,500.000	Ft
0190	Pavt Joint and Crack Repr, Det 8	5010021	31,600.000	Ft
0200	Hand Patching	5010025	3,485.000	Ton
0210	HMA, 4E3	5010051	2,450.000	Ton
0220	HMA, 5E3	5010057	21,500.000	Ton
0230	HMA, 5E3, High Stress	5010515	3,800.000	Ton
0240	HMA Approach, High Stress	5010520	1,125.000	Ton
0250	Joint, Contraction, Cp	6020200	500.000	Ft
0260	Cement	6030005	10.000	Ton

0270	Crack Sealing, Conc Pavt	6030010	6,000.000	Ft
0280	Joint, Contraction, Crg	6030020	14,000.000	Ft
0290	Lane Tie, Epoxy Anchored	6030030	300.000	Ea
0300	Pavt Repr, Nonreinf Conc, 10 inch	6030048	4,500.000	Syd
0310	Pavt Repr, Rem	6030080	4,230.000	Syd
0320	Saw Cut, Intermediate	6030090	1,000.000	Ft
0330	Resealing Trans Joints with Hot-Poured Rubber	6030100	3,000.000	Ft
0340	Resealing Longit Joints with Hot-Poured Rubber	6030101	3,000.000	Ft
0350	Curb and Gutter, Conc, Det B2	8020016	10.000	Ft
0360	Detectable Warning Surface	8030010	5.000	Ft
0370	Sidewalk Ramp, Conc, 6 inch	8030036	75.000	Sft
0380	Sidewalk, Conc, 6 inch	8030046	20.000	Sft
0390	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	408.000	Ft
0400	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, White	8110380	19,500.000	Ft
0430	Recessing Pavt Mrkg, Longit	8110450	207,000.000	Ft
0440	Recessing Pavt Mrkg, Transv	8110451	408.000	Sft
0450	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	95,000.000	Ft
0460	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	3,500.000	Ft
0470	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	57,000.000	Ft
0480	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	32,000.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0510	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,000.000	Ea
0520	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,000.000	Ea
0530	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0550	Ltg for Night Work	8120160	1.000	LSUM
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,000.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	35,000.000	Ft
0590	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0600	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0610	Sign Cover	8120310	20.000	Ea
0620	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0630	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
0660	_ Turf Establishment, Performance	8167011	10.000	Syd
0670	Radar Vehicle Presence Stop-Bar Detector System	8200510	2.000	Ea
0680	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	4.000	Ea

0690	Monument Box	8210001	8.000	Ea
0700	Monument Preservation	8210010	8.000	Ea
0710	Protect Corners	8210020	8.000	Ea
0720	Shoulder Corrugations, Ground or Cut, HMA	8220001	111,000.000	Ft
0730	Centerline Corrugations, Milled, HMA	8220013	27,500.000	Ft
0740	Gate Box, Adj, Case 1	8230431	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180302 058

Letting Date: March 2, 2018

Contract ID: 38071-132575

Description: 1.58 mi of full-depth concrete repair on US-127BR/M-50 (South Cooper Street) from South Street northerly to Washington Avenue in the city of Jackson, Jackson County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132575A	1800386	N/A	NH 38071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$83,800.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	1,483.000	Syd
0030	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0040	Dr Structure Cover, Type B	4030010	9.000	Ea
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	Joint, Contraction, Cp	6020200	2,101.000	Ft
0070	Cement	6030005	96.000	Ton
0080	Joint, Contraction, Crg	6030020	9,298.000	Ft
0090	Lane Tie, Epoxy Anchored	6030030	1,771.000	Ea
0100	Pavt Repr, Nonreinf Conc, 10 inch	6030048	7,374.000	Syd
0110	Pavt Repr, Rem	6030080	5,891.000	Syd
0120	Saw Cut, Intermediate	6030090	5,226.000	Ft
0130	_ Joint, Tied, Special	6037001	359.000	Ft
0140	_ Pavt Repr, Nonreinf, 10 inch, Special	6037011	144.000	Syd
0150	_ Pavt Repr, Rem, Special	6037011	144.000	Syd
0160	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0170	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	525.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	525.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	100.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	100.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	525.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	525.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	100.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	100.000	Ft
0280	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,500.000	Ft

0290	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	500.000	Ft
0300	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0310	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0320	Channelizing Device, 42 inch, Furn	8120030	225.000	Ea
0330	Channelizing Device, 42 inch, Oper	8120031	225.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0380	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0390	Sign Cover	8120310	50.000	Ea
0400	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0410	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	720.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	720.000	Sft
0440	Protect Corners	8210020	1.000	Ea
0450	_ Railroad Protection, at Grade Crossing	8507060	21,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180302 059

Letting Date: March 2, 2018

Contract ID: 22011-131783

Description: 0.99 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk ramp upgrades and pavement markings on M-95 (Carpenter Avenue) from Woodward Avenue to US-2 in the city of Iron Mountain, Dickinson County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131783A	1800385	N/A	ST 22011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$58,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,199.000	Ft
0030	Sidewalk, Rem	2040055	840.000	Syd
0040	Excavation, Earth	2050016	37.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0070	Dr Structure Cover, Adj, Case 1	4030005	32.000	Ea
0080	Dr Structure Cover, Type K	4030050	2.000	Ea
0090	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0100	Pavt, Cleaning	5010001	1.000	LSUM
0110	Cold Milling HMA Surface	5010002	29,161.000	Syd
0120	HMA Surface, Rem	5010005	61.000	Syd
0130	HMA Quality Initiative	5010007	5,224.000	Dlr
0140	Longitudinal Joint Density Quality Initiative	5010018	15,673.000	Dlr
0150	Hand Patching	5010025	100.000	Ton
0160	HMA, 5E1	5010056	2,213.000	Ton
0170	HMA Approach	5010061	299.000	Ton
0180	Curb and Gutter, Conc, Det C2	8020021	509.000	Ft
0190	Detectable Warning Surface	8030010	343.000	Ft
0200	Curb Ramp Opening, Conc	8030030	690.000	Ft
0210	Sidewalk Ramp, Conc, 4 inch	8030034	7,154.000	Sft
0220	Sidewalk Ramp, Conc, 6 inch	8030036	276.000	Sft
0230	Sidewalk, Conc, 4 inch	8030044	249.000	Sft
0240	_ Brick Pavers, Rem	8037010	37.000	Sft
0250	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	37.000	Sft
0260	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,300.000	Ft

0270	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	396.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,300.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,400.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,300.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,400.000	Ft
0320	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	10.000	Ft
0330	Rem Spec Mrkg	8110343	110.000	Sft
0340	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0350	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0360	Pavt Mrkg, Polyurea, Only	8110410	5.000	Ea
0370	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0380	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0390	Pavt Mrkg, Polyurea, School	8110414	4.000	Ea
0400	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0410	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0420	Recessing Pavt Mrkg, Longit	8110450	12,400.000	Ft
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	725.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	830.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	725.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	830.000	Ft
0520	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0530	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	28.000	Ft
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	1,450.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	1,450.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0590	Slope Restoration, Type A	8160100	200.000	Syd
0600	Traf Loop	8200170	6.000	Ea
0610	TS, Bag	8200450	44.000	Ea
0620	TS, Bag, Rem	8200451	44.000	Ea
0630	Protect Corners	8210020	1.000	Ea
0640	Water Shutoff, Adj, Case 2	8230422	5.000	Ea
0650	Gate Box, Adj, Case 1	8230431	3.000	Ea
0660	Gate Box, Adj, Case 2	8230432	3.000	Ea

0670	Contractor Staking, Road Only	8240007	1.000	LSUM
0680	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0690	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0700	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr
0710	_ Railroad Protection, at Grade Crossing	8507060	3,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180302 060

Letting Date: March 2, 2018

Contract ID: 01555-130297

Description: 1.84 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, signing, guardrail and pavement markings on F-41 from Andrews Road north to F-30, Alcona County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130297A	1800244	N/A	STL 01555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,000.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,027.000	Ft
0030	_ Aggregate Base, Modified	3027031	6,000.000	Ton
0040	HMA Base Crushing and Shaping	3050002	39,650.000	Syd
0050	Approach, CI II	3070021	55.000	Ton
0060	Trenching	3070200	193.000	Sta
0070	_ Shoulder, CI II, Modified	3077031	1,020.000	Ton
0080	HMA, 13A	5010033	3,400.000	Ton
0090	HMA Approach	5010061	30.000	Ton
0100	Guardrail, Type B	8070000	338.000	Ft
0110	Guardrail, Curved, Type B	8070010	25.000	Ft
0120	Guardrail Anch, Bridge, Det A2	8070021	8.000	Ea
0130	Guardrail Approach Terminal, Type 2B	8070042	7.000	Ea
0140	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0150	Guardrail Reflector	8070080	26.000	Ea
0160	Post, Mailbox	8070095	10.000	Ea
0170	Post, Steel, 3 lb	8100371	172.000	Ft
0180	Sign, Type IIB	8100399	33.000	Sft
0190	Sign, Type IIIA	8100404	19.000	Sft
0200	Sign, Type IIIB	8100405	29.000	Sft
0210	_ Sign, Type II, Rem, Modified	8107050	2.000	Ea
0220	_ Sign, Type III, Rem, Modified	8107050	12.000	Ea
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,290.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,175.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea

0270	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0280	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 180302 061

Letting Date: March 2, 2018

Contract ID: 60021-131658

Description: 14.26 mi of hot mix asphalt cold milling and single-course overlay with shoulder widening on M-32 from east of Meridian Line Road to east of Jerome Street, Montmorency County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131658A	1800384	N/A	NH 60021
131664A	N/A	N/A	M 60021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$257,900.00	1500001	1.000	LSUM
0020	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0030	Aggregate Base	3020001	1,665.000	Ton
0040	Shoulder, CI II	3070121	6,750.000	Ton
0050	Trenching	3070200	338.000	Sta
0060	Cold Milling HMA Surface	5010002	292,661.000	Syd
0070	HMA Quality Initiative	5010007	58,164.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	163,290.000	Dlr
0090	Hand Patching	5010025	4.000	Ton
0100	HMA, 5E1	5010056	27,705.000	Ton
0110	HMA Approach	5010061	543.000	Ton
0120	HMA, LVSP	5010703	830.000	Ton
0130	Fence, Protective	8080007	450.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	4.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,010.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	105,930.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	150,560.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,010.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	105,930.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	150,560.000	Ft
0220	Witness, Log, \$1,000.00	8110350	2,000.000	Dlr
0230	Protective Ovly, Snowmobile Trail Crossing	8110550	150.000	Syd
0240	Channelizing Device, 42 inch, Furn	8120030	360.000	Ea
0250	Channelizing Device, 42 inch, Oper	8120031	360.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	8.000	Ea

0270	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,050.000	Ft
0300	Sign Cover	8120310	20.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,296.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,296.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	Monument Box Adjust	8210005	9.000	Ea
0350	Centerline Corrugations, Milled, HMA	8220013	73,200.000	Ft
0360	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	70,500.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 180302 062

Letting Date: March 2, 2018

Contract ID: 70041-200671

Description: 4.58 mi of hot mix asphalt cold milling, resurfacing and pavement markings on M-45 from east of US-31 easterly to M-231, Ottawa County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200671A	1800389	N/A	ST 70041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$65,600.00	1500001	1.000	LSUM
0020	Cold Milling HMA Surface	5010002	68,430.000	Syd
0030	HMA Quality Initiative	5010007	12,260.000	Dlr
0040	Longitudinal Joint Density Quality Initiative	5010018	33,854.000	Dlr
0050	HMA, 5E1	5010056	5,800.000	Ton
0060	HMA Approach	5010061	330.000	Ton
0070	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0080	Pavt Mrkg, Polyurea, 4 inch, White	8110091	460.000	Ft
0090	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	10,985.000	Ft
0100	Pavt Mrkg, Polyurea, 6 inch, White	8110094	49,720.000	Ft
0110	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	81.000	Ft
0120	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0130	Recessing Pavt Mrkg, Longit	8110450	61,155.000	Ft
0140	Channelizing Device, 42 inch, Furn	8120030	105.000	Ea
0150	Channelizing Device, 42 inch, Oper	8120031	105.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	878.000	Ft
0200	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0210	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0220	Sign Cover	8120310	4.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	456.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	456.000	Sft
0250	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	8.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	8.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	_ Sign Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0290	_ Sign Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0300	Traf Loop	8200170	2.000	Ea
0310	Monument Box Adjust	8210005	5.000	Ea
0320	Centerline Corrugations, Milled, HMA	8220013	24,182.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 063

Letting Date: March 2, 2018

Contract ID: 49026-132025

Description: 1.57 mi of hot mix asphalt micro-cold milling and ultra-thin overlay, overband crack filling, concrete curb, gutter, sidewalk, and ramps, drainage and pavement markings on I-75BL from High Street to Antoine Street in the city of St. Ignace, Mackinac County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132025A	1800392	N/A	ST 49026

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$51,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	775.000	Ft
0030	Sidewalk, Rem	2040055	109.000	Syd
0040	Excavation, Earth	2050016	25.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0060	Aggregate Base	3020001	60.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	22.000	Ea
0080	Dr Structure Cover, Type B	4030010	8.000	Ea
0090	Dr Structure Cover, Type K	4030050	5.000	Ea
0100	Dr Structure Cover, Type Q	4030065	8.000	Ea
0110	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0120	Hand Patching	5010025	80.000	Ton
0130	HMA, Temp Pavt (3E3)	5010804	10.000	Ton
0140	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	47,250.000	Syd
0150	Overband Crack Fill, Lane	5020003	6.000	Lnmi
0160	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	47,250.000	Syd
0170	Curb and Gutter, Conc, Det C3	8020022	618.000	Ft
0180	Detectable Warning Surface	8030010	253.000	Ft
0190	Curb Ramp Opening, Conc	8030030	245.000	Ft
0200	Sidewalk Ramp, Conc, 6 inch	8030036	4,355.000	Sft
0210	Sidewalk, Conc, 4 inch	8030044	75.000	Sft
0220	_ Brick Pavers, Rem	8037010	5,438.000	Sft
0230	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	1,942.000	Sft
0240	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,000.000	Ft
0250	Pavt Mrkg, Polyurea, Sharrow Symbol	8110115	42.000	Ea
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,400.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,000.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,400.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	20,000.000	Ft
0300	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0310	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	8.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0340	Channelizing Device, 42 inch, Furn	8120030	400.000	Ea
0350	Channelizing Device, 42 inch, Oper	8120031	400.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Sign Cover	8120310	5.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	875.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	875.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	_ Pedestrian Type II Barricade, Temp	8127050	30.000	Ea
0440	Slope Restoration, Type A	8160100	50.000	Syd
0450	Monument Box	8210001	2.000	Ea
0460	Monument Box Adjust	8210005	16.000	Ea
0470	Monument Preservation	8210010	14.000	Ea
0480	Protect Corners	8210020	16.000	Ea
0490	Water Shutoff, Adj, Case 1	8230421	12.000	Ea
0500	Contractor Staking, Road Only	8240007	1.000	LSUM
0510	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0520	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0530	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 064

Letting Date: March 2, 2018

Contract ID: 82123-128945-2

Description: 4.70 mi of hot mix asphalt milling and resurfacing, full-depth concrete pavement repairs, concrete joint and longitudinal joint repairs, drainage and pavement markings installation on I-96 from Schaefer Highway to Roosevelt Street in the city of Detroit, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128945A	1682288	N/A	IM 82123
131858A	1800387	N/A	IM 82123

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$605,700.00	1500001	1.000	LSUM
0020	Concrete Barrier, Rem	2040010	1,000.000	Ft
0030	Curb and Gutter, Rem	2040020	2,000.000	Ft
0040	Glare Screen, Rem	2040030	1,000.000	Ft
0050	Pavt, Rem	2040050	9,889.000	Syd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	624.000	Ea
0070	Dr Structure Cover, Adj, Case 1	4030005	22.000	Ea
0080	Dr Structure Cover, Type CX	4030020	3.000	Ea
0090	Dr Structure, Cleaning	4030290	624.000	Ea
0100	_ Dr Structure Repair, Add Depth	4037001	4.000	Ft
0110	_ Dr Structure Repair, Composite Pavt	4037050	3.000	Ea
0120	Cold Milling HMA Surface	5010002	291,021.000	Syd
0130	Bump Grinding	5010004	736.000	Syd
0140	HMA Quality Initiative	5010007	51,917.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	150,861.000	Dlr
0160	Pavt Joint and Crack Repr, Det 7	5010020	28,350.000	Ft
0170	Hand Patching	5010025	1,890.000	Ton
0180	HMA Approach	5010061	1,412.000	Ton
0190	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	22,658.000	Ton
0200	Joint, Contraction, Cp	6020200	8,606.000	Ft
0210	_ Conc Pavt, Misc, Nonreinf, 14 1/2 inch	6027011	9,889.000	Syd
0220	Cement	6030005	363.000	Ton
0230	Joint, Contraction, Crg	6030020	13,279.000	Ft
0240	Joint, Expansion, Erg	6030021	449.000	Ft
0250	Lane Tie, Epoxy Anchored	6030030	17,050.000	Ea

0260	Non-Chloride Accelerator	6030035	15,453.000	Gal
0270	Pavt Repr, Rem	6030080	9,295.000	Syd
0280	Saw Cut, Intermediate	6030090	24,117.000	Ft
0290	_ Pavt Repr, Nonreinf Conc, 14 1/2 inch	6037011	9,295.000	Syd
0300	Curb and Gutter, Conc, Det D3	8020032	2,000.000	Ft
0310	Conc Barrier, Single Face, Type A	8040001	1,000.000	Ft
0320	Conc Barrier, Double Face, Type A	8040005	1,000.000	Ft
0330	Glare Screen, Conc	8040015	1,000.000	Ft
0340	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	55,000.000	Ft
0350	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	90,000.000	Ft
0360	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	90,000.000	Ft
0370	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	17,000.000	Ft
0380	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0390	Barricade, Type III, High Intensity, Lighted, Furn	8120022	60.000	Ea
0400	Barricade, Type III, High Intensity, Lighted, Oper	8120023	60.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0430	Ltg for Night Work	8120160	1.000	LSUM
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Mobile Attenuator	8120180	8.000	Ea
0460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	35,000.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,000.000	Ft
0480	Plastic Drum, Fluorescent, Furn	8120252	645.000	Ea
0490	Plastic Drum, Fluorescent, Oper	8120253	645.000	Ea
0500	Sign Cover	8120310	30.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0530	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea
0540	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea
0550	Monument Box Adjust	8210005	1.000	Ea
0560	Monument Preservation	8210010	1.000	Ea
0570	Contractor Staking, Road Only	8240007	1.000	LSUM
0580	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0590	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0600	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 065

Letting Date: March 2, 2018

Contract ID: 82192-132116

Description: 6.22 mi of hot mix asphalt cold milling and resurfacing, full-depth pavement repairs, detail 7 repairs and pavement markings on M-39 (Southfield Freeway) from M-153 (Ford Road) northerly to McNichols Road in the cities of Dearborn and Detroit, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132116A	1800382	N/A	NH 82192

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$556,200.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	674.000	Ea
0030	Dr Structure Cover, Adj, Case 1, Modified	4030004	10.000	Ea
0040	Dr Structure Cover, Type CX	4030020	10.000	Ea
0050	Dr Structure, Cleaning	4030290	674.000	Ea
0060	_ Dr Structure Repair, Add Depth	4037001	8.000	Ft
0070	_ Dr Structure Repair, Composite Pavt	4037050	10.000	Ea
0080	Cold Milling HMA Surface	5010002	301,978.000	Syd
0090	Bump Grinding	5010004	1,200.000	Syd
0100	HMA Quality Initiative	5010007	53,739.000	Dlr
0110	Longitudinal Joint Density Quality Initiative	5010018	135,094.000	Dlr
0120	Pavt Joint and Crack Repr, Det 7	5010020	7,700.000	Ft
0130	Hand Patching	5010025	770.000	Ton
0140	HMA Approach	5010061	1,953.000	Ton
0150	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	24,146.000	Ton
0160	_ Seal, Fog	5057011	46,608.000	Syd
0170	_ Seal, Shoulder Chip, Modified	5057011	46,608.000	Syd
0180	Joint, Contraction, Cp	6020200	1,036.000	Ft
0190	Cement	6030005	222.000	Ton
0200	Joint, Contraction, Crg	6030020	7,937.000	Ft
0210	Lane Tie, Epoxy Anchored	6030030	1,825.000	Ea
0220	Non-Chloride Accelerator	6030035	9,431.000	Gal
0230	Pavt Repr, Nonreinf Conc, 11 inch	6030050	8,296.000	Syd
0240	Pavt Repr, Rem	6030080	11,252.000	Syd
0250	Saw Cut, Intermediate	6030090	2,715.000	Ft
0260	_ Joint, Tied, Special	6037001	141.000	Ft

0270	_ Pavt Repr, Nonreinf Conc, 15 inch	6037011	2,956.000	Syd
0280	_ Pavt Repr, Nonreinf, 11 inch, Special	6037011	3,020.000	Syd
0290	_ Pavt Repr, Rem, Special	6037011	3,020.000	Syd
0300	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	38,000.000	Ft
0310	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	75,000.000	Ft
0320	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	75,000.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	20,000.000	Ft
0340	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0350	Barricade, Type III, High Intensity, Lighted, Furn	8120022	35.000	Ea
0360	Barricade, Type III, High Intensity, Lighted, Oper	8120023	35.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0390	Ltg for Night Work	8120160	1.000	LSUM
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Mobile Attenuator	8120180	8.000	Ea
0420	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	75,000.000	Ft
0430	Plastic Drum, High Intensity, Furn	8120250	475.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	475.000	Ea
0450	Sign Cover	8120310	15.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	580.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	580.000	Sft
0480	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea
0490	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea
0500	Monument Box Adjust	8210005	1.000	Ea
0510	Monument Preservation	8210010	1.000	Ea
0520	Contractor Staking, Road Only	8240007	1.000	LSUM
0530	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0540	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0550	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0560	_ Railroad Inspection and Flagging	8507060	9,000.000	Dlr
0570	_ Railroad Protection	8507060	10,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180302 066

Letting Date: March 2, 2018

Contract ID: 82021-132804

Description: 0.35 mi of concrete shared-use path, bridge widening, concrete curb, gutter, culvert, sewer, drainage, guardrail, steel sheet piling, steel piles, approach work and pavement markings on Belleville Road at I-94, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132804A	1800368	N/A	TAU 82021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$134,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.300	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0060	Dr Structure, Rem	2030011	1.000	Ea
0070	Sewer, Rem, 24 inch to 48 inch	2030016	8.000	Ft
0080	Guardrail, Rem	2040035	245.000	Ft
0090	Pavt, Rem	2040050	109.000	Syd
0100	Sidewalk, Rem	2040055	45.000	Syd
0110	Exploratory Investigation, Vertical	2040080	100.000	Ft
0120	Ditch Cleanout	2050006	6.000	Sta
0130	Embankment, CIP	2050010	26.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0150	Subgrade Undercutting, Type I	2050040	100.000	Cyd
0160	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0170	Obliterate Old Road	2070001	4.000	Sta
0180	Erosion Control, Check Dam, Stone	2080012	130.000	Ft
0190	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0200	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0210	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0220	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0230	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0240	Erosion Control, Sediment Trap	2080034	9.000	Ea
0250	Erosion Control, Silt Fence	2080036	560.000	Ft
0260	Project Cleanup	2090001	1.000	LSUM
0270	Subbase, CIP	3010002	223.000	Cyd

0280	Aggregate Base, LM	3020002	18.000	Cyd
0290	Geotextile, Stabilization	3080010	500.000	Syd
0300	Culv End Sect, 12 inch	4010012	3.000	Ea
0310	Culv End Sect, 18 inch	4010018	4.000	Ea
0320	Culv End Sect, Conc, 42 inch	4010054	1.000	Ea
0330	Culv, CI A, 12 inch	4010131	30.000	Ft
0340	Culv, CI A, 18 inch	4010133	46.000	Ft
0350	Culv, CI A, 42 inch	4010137	16.000	Ft
0360	Culv, Downspout, 12 inch	4010795	8.000	Ft
0370	Sewer, CI A, 12 inch, Tr Det A	4020004	16.000	Ft
0380	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0390	Dr Structure Cover, Type B	4030010	2.000	Ea
0400	Dr Structure Cover, Type K	4030050	1.000	Ea
0410	Dr Structure, 48 inch dia	4030210	1.000	Ea
0420	HMA Surface, Rem	5010005	37.000	Syd
0430	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	56.000	Syd
0440	Lane Tie, Epoxy Anchored	6030030	107.000	Ea
0450	Conc, Grade S2	7060011	1.000	Cyd
0460	Reinforcement, Steel, Culv and Headwall	7060091	40.000	Lb
0470	Curb and Gutter, Conc, Det F3	8020037	234.000	Ft
0480	Downspout Header, Conc	8020070	1.000	Ea
0490	Detectable Warning Surface	8030010	88.000	Ft
0500	Curb Ramp Opening, Conc	8030030	53.000	Ft
0510	Sidewalk Ramp, Conc, 6 inch	8030036	792.000	Sft
0520	Sidewalk, Conc, 4 inch	8030044	969.000	Sft
0530	Shared use Path, Aggregate, LM	8060011	250.000	Cyd
0540	Shared use Path, Conc	8060020	1,510.000	Syd
0550	Shared use Path, Grading	8060030	1,489.000	Ft
0560	Guardrail, Type B	8070000	125.000	Ft
0570	Guardrail, Type T	8070002	13.000	Ft
0580	Guardrail, Curved, Type B	8070010	25.000	Ft
0590	Guardrail Approach Terminal, Type 1T	8070041	1.000	Ea
0600	Guardrail Approach Terminal, Type 2B, Temp	8070047	1.000	Ea
0610	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0620	Guardrail Departing Terminal, Type B, Temp	8070055	2.000	Ea
0630	Guardrail Reflector	8070080	8.000	Ea
0640	Guardrail Post, Furn and Install, 72 inch	8070101	10.000	Ea
0650	Guardrail, Reconst, Type T	8070109	125.000	Ft
0660	Cable Barrier, High Tension, Salv	8070201	1,000.000	Ft
0670	Cable Barrier, High Tension, Reconst	8070202	1,000.000	Ft
0680	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	10.000	Ea
0690	Cable Barrier, High Tension, Line Post Fdn	8070221	10.000	Ea
0700	_ Timber Rub Rail	8077001	66.000	Ft
0710	_ Fence, Chain Link, 48 inch, Vinyl Coated	8087001	112.000	Ft
0720	_ Fence Gate, 4 foot, for 48 inch Chain Link Fence,	8087050	1.000	Ea

	Vinyl Coated			
0730	Delineator Reflector, Green	8100133	2.000	Ea
0740	Fdn, Wood Support, Rem	8100280	3.000	Ea
0750	Post, Rigid, Delineator	8100361	2.000	Ea
0760	Post, Steel, 3 lb	8100371	738.000	Ft
0770	Post, Wood, 4 inch by 6 inch	8100380	78.000	Ft
0780	Sign, Type II, Erect, Salv	8100396	4.000	Ea
0790	Sign, Type II, Rem	8100397	4.000	Ea
0800	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0810	Sign, Type III, Rem	8100403	13.000	Ea
0820	Sign, Type IIIA	8100404	36.000	Sft
0830	Sign, Type IIIB	8100405	190.000	Sft
0840	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	742.000	Ft
0850	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	103.000	Ft
0860	_ Pavt Mrkg, Ovly Cold Plastic, Ahead, Modified	8117050	7.000	Ea
0870	_ Pavt Mrkg, Ovly Cold Plastic, Stop, Modified	8117050	7.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0900	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0910	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0920	Conc Barrier, Temp, Furn	8120081	700.000	Ft
0930	Conc Barrier, Temp, Oper	8120082	700.000	Ft
0940	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0950	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0960	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0970	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0980	Ltg for Night Work	8120160	1.000	LSUM
0990	Minor Traf Devices	8120170	1.000	LSUM
1000	Mobile Attenuator	8120180	4.000	Ea
1010	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	74.000	Ft
1020	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	75.000	Ft
1030	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
1040	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
1050	Sign Cover	8120310	10.000	Ea
1060	Sign, Type B, Temp, Prismatic, Furn	8120350	924.000	Sft
1070	Sign, Type B, Temp, Prismatic, Oper	8120351	924.000	Sft
1080	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	41.000	Sft
1090	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	41.000	Sft
1100	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
1110	_ Sign, Portable, Changeable Message, NTCIP - Compliant, Furn	8127050	4.000	Ea
1120	_ Sign, Portable, Changeable Message, NTCIP - Compliant, Oper	8127050	4.000	Ea
1130	Riprap, Plain	8130010	60.000	Syd

1140	Site Preparation, Max \$6,280.00	8150001	1.000	LSUM
1150	Watering and Cultivating, First Season, Min \$3,560.00	8150002	1.000	LSUM
1160	Watering and Cultivating, Second Season, Min \$4,390.00	8150003	1.000	LSUM
1170	Aesculus hippocastanum, 2 inch	8150267	5.000	Ea
1180	Betula nigra Heritage, clump form, 6 foot	8150529	5.000	Ea
1190	Celtis occidentalis, 2 inch	8150780	5.000	Ea
1200	Crataegus crusgalli Inermis, tree form, 1 3/4 inch	8151131	5.000	Ea
1210	Gymnocladus dioicus, 2 inch	8151676	5.000	Ea
1220	Malus Sargentii, 2 inch	8152324	10.000	Ea
1230	Picea abies, 4 foot	8152740	10.000	Ea
1240	Pinus heldreichii, 4 foot	8152814	10.000	Ea
1250	Quercus rubra, 2 inch	8153126	5.000	Ea
1260	Syringa reticulata Ivory Silk, 1 3/4 inch	8153717	10.000	Ea
1270	Tilia cordata Corinthian, 2 inch	8153856	5.000	Ea
1280	Slope Restoration, Type A	8160100	4,459.000	Syd
1290	Slope Restoration, Type B	8160101	2,005.000	Syd
1300	Slope Restoration, Type C	8160102	1,099.000	Syd
1310	Slope Restoration, Type D	8160103	606.000	Syd
1320	Conduit, DB, 1, 1 1/2 inch	8190027	120.000	Ft
1330	Hh, Adj	8190244	3.000	Ea
1340	Pedestal, Alum	8200100	2.000	Ea
1350	Pedestal, Fdn	8200105	2.000	Ea
1360	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1370	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1380	Monument Preservation	8210010	1.000	Ea
1390	Contractor Staking	8240001	1.000	LSUM
1400	Staking Plan Errors and Extras, One Person	8240020	13.000	Hr
1410	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
1420	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr

Section: 2

1430	Embankment, Structure, CIP	2050012	120.000	Cyd
1440	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
1450	Backfill, Structure, CIP	2060002	920.000	Cyd
1460	Excavation, Fdn	2060010	520.000	Cyd
1470	Erosion Control, Silt Fence	2080036	200.000	Ft
1480	Aggregate Base, LM	3020002	82.000	Cyd
1490	Underdrain, Fdn, 4 inch	4040031	188.000	Ft
1500	Underdrain Outlet, 4 inch	4040091	100.000	Ft
1510	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1520	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	240.000	Sft
1530	Pile Point, CIP Conc	7050025	16.000	Ea

1540	_ Pile, CIP Conc, Furn and Driven, 12 inch, LFD	7057001	648.000	Ft
1550	_ Test Pile, CIP Conc, 12 inch, LFD	7057050	1.000	Ea
1560	_ Pile Driving Equipment, Furn, LFD (S01 of 82021)	7057051	1.000	LSUM
1570	Bridge Ltg, Furn and Rem (S01 of 82021)	7060001	1.000	LSUM
1580	Bridge Ltg, Oper and Maintain	7060002	148.000	Cyd
1590	Elec Grounding System	7060040	1.000	Ea
1600	Expansion Joint Device	7060050	30.000	Ft
1610	Expansion Joint Device, Cover Plate	7060051	28.000	Ft
1620	False Decking	7060060	3,275.000	Sft
1630	Reinforcement, Steel, Epoxy Coated	7060092	42,947.000	Lb
1640	Substructure Conc, High Performance	7060101	165.000	Cyd
1650	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 82021)	7060112	1.000	LSUM
1660	Superstructure Conc, Night Casting, High Performance	7060117	148.000	Cyd
1670	_ Simulated Stone Masonry	7067011	60.000	Syd
1680	Bearing, Elastomeric, 2 3/4 inch	7070019	1,026.000	Sin
1690	Shear Developers (S01 of 82021)	7070040	1.000	LSUM
1700	Structural Steel, Mixed, Erect	7070050	2,133.000	Lb
1710	Structural Steel, Mixed, Furn and Fab	7070051	2,133.000	Lb
1720	Structural Steel, Plate, Erect	7070060	149,499.000	Lb
1730	Structural Steel, Plate, Furn and Fab	7070061	149,499.000	Lb
1740	Joint Waterproofing	7100001	63.000	Sft
1750	Conc Surface Coating (S01 of 82021)	7100010	1.000	LSUM
1760	Bridge Railing, Aesthetic Parapet Tube, Det 1	7110032	276.000	Ft
1770	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	70.000	Ea
1780	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	6.000	Ea
1790	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	8.000	Ea
1800	Structures, Rehabilitation, Rem Portions (S01 of 82021)	7120070	1.000	LSUM
1810	Steel Structure, Coating, Partial, Type 4 (S01 of 82021)	7150048	1.000	LSUM
1820	Field Repair of Damaged Coating (S01 of 82021)	7160001	1.000	LSUM
1830	_ Fence, Ornamental Aluminum	8087001	276.000	Ft
1840	Slope Paving Header	8130015	122.000	Ft
1850	Slope Paving, Conc	8130020	104.000	Syd
1860	_ Gateway Sign, Erect	8157051	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 067

Letting Date: March 2, 2018

Contract ID: 67031-131677

Description: 14.78 mi of intermittent shoulder ribbon repairs, pavement repairs, overband crack filling, microsurfacing, modified longitudinal joint repair, centerline corrugations, single chip sealing and fog sealing on M-66 from south of the south Osceola county line northerly to south of US-10 and from north of US-10 northerly to south of 15 Mile Road, Mecosta County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131677A	1800360	N/A	ST 67031
131707A	1800361	N/A	ST 67031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$122,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	2,063.000	Ton
0030	Trenching	3070200	206.000	Sta
0040	_ Aggregate Shoulder, Conditioning	3077002	1,416.000	Sta
0050	Cold Milling HMA Surface	5010002	1,222.000	Syd
0060	HMA Quality Initiative	5010007	2,570.000	Dlr
0070	HMA, LVSP	5010703	1,285.000	Ton
0080	Overband Crack Fill, Lane	5020003	29.490	Lnmi
0090	_ Micro-Surface, Modified	5047001	46,165.000	Ft
0100	Chip Seal, Single, Warranty	5050040	263,031.000	Syd
0110	_ Seal, Fog	5057011	263,031.000	Syd
0120	Delineator Reflector, Green	8100133	44.000	Ea
0130	Delineator, Rem	8100349	39.000	Ea
0140	Post, Rigid, Delineator	8100361	44.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	40,253.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	156,146.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	40,253.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	156,146.000	Ft
0190	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	16,229.000	Ft
0200	_ Traffic Control	8127051	1.000	LSUM
0210	Centerline Corrugations, Milled, HMA	8220013	46,165.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 068

Letting Date: March 2, 2018

Contract ID: 81076-132967

Description: 0.78 mi of partial depth concrete joint repairs using non-cementitious patching on US-23 from the Plank Road ramps northerly to north of Federal Avenue in the city of Milan, Washtenaw and Monroe Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132967A	1800363	N/A	NH 81076

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	Project Cleanup	2090001	1.000	LSUM
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	_ Conc Repair, Non-Cementitious, Partial Depth	6037011	440.000	Syd
0050	Channelizing Device, 42 inch, Furn	8120030	66.000	Ea
0060	Channelizing Device, 42 inch, Oper	8120031	66.000	Ea
0070	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Ltg for Night Work	8120160	1.000	LSUM
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, High Intensity, Furn	8120250	53.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	53.000	Ea
0130	Sign Cover	8120310	5.000	Ea
0140	Sign Cover, Type 1	8120320	1.000	Ea
0150	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0160	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0170	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0180	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	550.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	550.000	Sft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 069

Letting Date: March 2, 2018

Contract ID: 19000-132607

Description: 62.46 Lnmi of overband crack filling on various trunklines, Clinton, Eaton and Ingham Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132607A	1800353	N/A	ST 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$23,000.00	1500001	1.000	LSUM
0020	Overband Crack Fill, Lane	5020003	61.440	Lnmi
0030	Overband Crack Fill, Ramp	5020004	1.020	Lnmi
0040	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0080	Ltg for Night Work	8120160	1.000	LSUM
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Sign Cover	8120310	10.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	1,800.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	1,800.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM
0140	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0150	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180302 070

Letting Date: March 2, 2018

Contract ID: 74032-200541

Description: 15.85 mi of hot mix asphalt overlay with shoulder repairs, shoulder gravel, cold milling and paving with waterproofing membrane at bridge location, guardrail and pavement markings on M-19 from M-46 northerly to the south fork of the Cass River, Sanilac County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200541A	N/A	N/A	M 74032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$295,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,200.000	Ft
0030	Trenching	3070200	600.000	Sta
0040	_ Approach, CI II, Modified	3077031	660.000	Ton
0050	_ Shoulder, CI II, Modified	3077031	10,910.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0070	Bump Grinding	5010004	350.000	Syd
0080	HMA Quality Initiative	5010007	69,156.000	Dlr
0090	Pavt for Butt Joints, Rem	5010008	3,700.000	Syd
0100	Joint and Crack, Cleanout	5010015	250.000	Ft
0110	Longitudinal Joint Density Quality Initiative	5010018	89,341.000	Dlr
0120	HMA Approach	5010061	568.000	Ton
0130	HMA, LVSP	5010703	34,010.000	Ton
0140	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	300.000	Syd
0150	_ Spray Applied Waterproofing Membrane	7107011	300.000	Syd
0160	Bridge Railing, Thrie Beam Retrofit	7110006	100.000	Ft
0170	Curb Sloped, HMA	8050010	160.000	Ft
0180	Guardrail, Type B	8070000	50.000	Ft
0190	Guardrail, Type MGS-8	8070004	413.000	Ft
0200	Guardrail, Curved, Type B	8070010	25.000	Ft
0210	Guardrail Anch, Bridge, Det A1	8070020	4.000	Ea
0220	Guardrail Anch, Bridge, Det A2	8070021	4.000	Ea
0230	Guardrail Approach Terminal, Type 2B	8070042	7.000	Ea
0240	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0250	Guardrail Reflector	8070080	60.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea

0280	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	100.000	Ft
0290	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	34,000.000	Ft
0300	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	167,000.000	Ft
0310	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	100.000	Ft
0320	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	34,000.000	Ft
0330	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	167,000.000	Ft
0340	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0350	Channelizing Device, 42 inch, Furn	8120030	275.000	Ea
0360	Channelizing Device, 42 inch, Oper	8120031	275.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	100.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,700.000	Ft
0420	Plastic Drum, High Intensity, Furn	8120250	9.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	9.000	Ea
0440	Sign Cover	8120310	8.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	1,524.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	1,524.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	3.000	Ea
0510	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	3.000	Ea
0520	Monument Box	8210001	31.000	Ea
0530	Monument Preservation	8210010	31.000	Ea
0540	Centerline Corrugations, Milled, HMA	8220013	79,600.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 180302 071

Letting Date: March 2, 2018

Contract ID: 72061-131786

Description: 25.37 Lnmi of microsurfacing, hot mix asphalt crack treatment, overband crack filling, shoulder corrugations and pavement markings on I-75 from west of Maple Valley Road to M-18, Roscommon County. This project contains two 2 year pavement performance warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131786A	1800370	N/A	NH 72061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$274,800.00	1500001	1.000	LSUM
0020	Embankment, LM	2050011	255.000	Cyd
0030	Excavation, Earth	2050016	280.000	Cyd
0040	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0050	Shoulder, CI II	3070121	2,900.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0070	HMA Surface, Rem	5010005	1,400.000	Syd
0080	Hand Patching	5010025	250.000	Ton
0090	Overband Crack Fill, Lane	5020003	51.070	Lnmi
0100	Overband Crack Fill, Ramp	5020004	2.590	Lnmi
0110	HMA Crack Treatment, Lane, Warranty	5020027	5.990	Lnmi
0120	HMA Crack Treatment, Ramp, Warranty	5020028	1.040	Lnmi
0130	_ Overband Crack Fill, Carpool Parking Lot	5027011	7,800.000	Syd
0140	Micro-Surface, Single Cse	5040010	7,800.000	Syd
0150	Micro-Surface, Warranty	5040030	627,000.000	Syd
0160	Detectable Warning Surface	8030010	12.000	Ft
0170	Guardrail, Type MGS-8	8070004	1,700.000	Ft
0180	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0190	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0200	Guardrail Reflector	8070080	41.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0240	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	200.000	Ft
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	70.000	Ft
0260	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	4.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	41,400.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,500.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, White	8110233	164,900.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	164,900.000	Ft
0310	Pavt Mrkg, Waterborne, 12 inch, White	8110237	8,300.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	138,200.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	138,200.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	8,300.000	Ft
0350	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	350.000	Ft
0360	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	3,200.000	Ft
0370	Rem Spec Mrkg	8110343	1,800.000	Sft
0380	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0390	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	34,800.000	Ft
0400	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	308,000.000	Ft
0410	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	8,300.000	Ft
0420	_ Traffic Control	8127051	1.000	LSUM
0430	Fertilizer, Chemical Nutrient, CI A	8160020	75.000	Lb
0440	Seeding, Mixture TDS	8160037	70.000	Lb
0450	Topsoil Surface, Furn, 3 inch	8160061	1,540.000	Syd
0460	_ Mulch Blanket, Modified	8167011	1,235.000	Syd
0470	Shoulder Corrugations, Ground or Cut, HMA	8220001	267,200.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 180302 072

Letting Date: March 2, 2018

Contract ID: 13032-129143

Description: 2.54 mi of hot mix asphalt cold milling and overlay, concrete curb, gutter and sidewalk ramps, sewer, drainage, signing and pavement markings on M-66 from Capital Avenue to Frey Drive in the city of Battle Creek, Calhoun County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129143A	1800390	N/A	NH 13032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$135,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Curb and Gutter, Rem	2040020	2,133.000	Ft
0040	Pavt, Rem	2040050	222.000	Syd
0050	Sidewalk, Rem	2040055	1,826.000	Syd
0060	_ Brick, Individual, Rem, Salv, and Reinstall	2047001	28.000	Ft
0070	_ Post, Wood Guide, Rem	2047050	1.000	Ea
0080	Embankment, CIP	2050010	74.000	Cyd
0090	Excavation, Earth	2050016	647.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	96.000	Ea
0120	Subbase, CIP	3010002	229.000	Cyd
0130	Aggregate Base, 3 inch	3020008	776.000	Syd
0140	Aggregate Base, 6 inch	3020016	882.000	Syd
0150	Sewer, Cl A, 6 inch, Tr Det B	4020030	7.000	Ft
0160	Sewer, Cl E, 12 inch, Tr Det B	4020600	211.000	Ft
0170	Dr Structure Cover, Adj, Case 1, Modified	4030004	86.000	Ea
0180	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0190	Dr Structure Cover, Type B	4030010	3.000	Ea
0200	Dr Structure Cover, Type K	4030050	2.000	Ea
0210	Dr Structure Cover, Type Q	4030065	83.000	Ea
0220	Dr Structure, 24 inch dia	4030200	2.000	Ea
0230	Dr Structure, 48 inch dia	4030210	2.000	Ea
0240	Dr Structure, 60 inch dia	4030220	1.000	Ea
0250	Pavt, Cleaning	5010001	1.000	LSUM
0260	Cold Milling HMA Surface	5010002	71,704.000	Syd

0270	HMA Surface, Rem	5010005	877.000	Syd
0280	HMA Quality Initiative	5010007	14,194.000	Dlr
0290	Pavt for Butt Joints, Rem	5010008	1,377.000	Syd
0300	Longitudinal Joint Density Quality Initiative	5010018	26,823.000	Dlr
0310	Pavt Joint and Crack Repr, Det 7	5010020	375.000	Ft
0320	Pavt Joint and Crack Repr, Det 8	5010021	375.000	Ft
0330	Hand Patching	5010025	225.000	Ton
0340	HMA Approach	5010061	649.000	Ton
0350	HMA, LVSP	5010703	6,223.000	Ton
0360	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	222.000	Syd
0370	Conc Quality Initiative	6020401	47.000	Dlr
0380	Lane Tie, Epoxy Anchored	6030030	1,519.000	Ea
0390	_ Presloped Trench Drain	8007001	14.000	Ft
0400	Driveway, Nonreinf Conc, 6 inch	8010005	500.000	Syd
0410	Curb, Conc, Det E2	8020002	141.000	Ft
0420	Curb and Gutter, Conc, Det F3	8020037	1,054.000	Ft
0430	Curb and Gutter, Conc, Det F4	8020038	245.000	Ft
0440	_ Curb and Gutter, Conc, Det F4, Modified	8027001	20.000	Ft
0450	Detectable Warning Surface	8030010	702.000	Ft
0460	Curb Ramp Opening, Conc	8030030	974.000	Ft
0470	Sidewalk Ramp, Conc, 6 inch	8030036	15,437.000	Sft
0480	Sidewalk, Conc, 6 inch	8030046	172.000	Sft
0490	Fence, Temp	8080004	29.000	Ft
0500	Fence, Moving	8080120	27.000	Ft
0510	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0520	Post, Steel, 3 lb	8100371	2,843.000	Ft
0530	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0540	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0550	Sign, Type II, Rem	8100397	1.000	Ea
0560	Sign, Type III, Erect, Salv	8100402	95.000	Ea
0570	Sign, Type III, Rem	8100403	173.000	Ea
0580	Sign, Type IIIA	8100404	369.000	Sft
0590	Sign, Type IIIB	8100405	377.000	Sft
0600	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
0610	_ Lane Separator System, Rem, Salv, and Reinstall	8107001	50.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,905.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	182.000	Ft
0640	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	290.000	Ft
0650	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	540.000	Ft
0660	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	61.000	Ea
0670	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	61.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	18.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	5.000	Ea

0700	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0710	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0720	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0730	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	6.000	Ea
0740	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,250.000	Ft
0750	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	38,290.000	Ft
0760	Pavt Mrkg, Waterborne, 6 inch, White	8110233	25,555.000	Ft
0770	Pavt Mrkg, Waterborne, 8 inch, White	8110235	230.000	Ft
0780	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,250.000	Ft
0790	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	38,290.000	Ft
0800	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	25,555.000	Ft
0810	Pavt Mrkg, Waterborne, 2nd Application, 8 inch, White	8110255	230.000	Ft
0820	Rem Spec Mrkg	8110343	1,150.000	Sft
0830	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0840	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0850	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0860	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0870	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0880	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0890	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0900	Minor Traf Devices	8120170	1.000	LSUM
0910	Mobile Attenuator	8120180	1.000	Ea
0920	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	29,760.000	Ft
0930	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	8,500.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,000.000	Ft
0950	Plastic Drum, High Intensity, Furn	8120250	610.000	Ea
0960	Plastic Drum, High Intensity, Oper	8120251	610.000	Ea
0970	Sign Cover	8120310	20.000	Ea
0980	Sign, Type A, Temp, Prismatic, Furn	8120340	27.000	Sft
0990	Sign, Type A, Temp, Prismatic, Oper	8120341	27.000	Sft
1000	Sign, Type B, Temp, Prismatic, Furn	8120350	3,165.000	Sft
1010	Sign, Type B, Temp, Prismatic, Oper	8120351	3,165.000	Sft
1020	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	184.000	Sft
1030	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	184.000	Sft
1040	Traf Regulator Control	8120370	1.000	LSUM
1050	_ Pedestrian Ramp, Temp	8127050	1.000	Ea
1060	_ Pedestrian Type II Barricade, Temp	8127050	24.000	Ea
1070	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
1080	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
1090	_ Boulder, Relocate	8157050	2.000	Ea
1100	_ Block Wall, Salv, Reinstall	8157051	1.000	LSUM

1110	Slope Restoration, Type B	8160101	1,537.000	Syd
1120	Slope Restoration, Type C	8160102	69.000	Syd
1130	Hh, Adj	8190244	7.000	Ea
1140	Case Sign Panel	8200003	1.000	Ea
1150	Case Sign Panel, Rem	8200004	1.000	Ea
1160	Case Sign, Rem	8200020	2.000	Ea
1170	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
1180	Case Sign, Salv	8200039	2.000	Ea
1190	Loop Detector, Rem	8200173	2.000	Ea
1200	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
1210	TS, One Way Span Wire Mtd, Salv	8200191	8.000	Ea
1220	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1230	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1240	Wireless Vehicle Detection System	8200422	2.000	Ea
1250	Wireless Vehicle Sensor Node	8200425	21.000	Ea
1260	TS, Bag	8200450	10.000	Ea
1270	TS, Bag, Rem	8200451	10.000	Ea
1280	Protect Corners	8210020	34.000	Ea
1290	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
1300	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
1310	Gate Box, Adj, Case 1	8230431	36.000	Ea
1320	Gate Box, Adj, Case 2	8230432	2.000	Ea
1330	Contractor Staking, Road Only	8240007	1.000	LSUM
1340	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
1350	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
1360	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 180302 073

Letting Date: March 2, 2018

Contract ID: 20032-131781

Description: 3.07 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramp upgrades and pavement markings on M-93 from Lake Street to Old-27 and on M-72 from I-75BL to Industrial Avenue in the city of Grayling, Crawford County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131781A	N/A	N/A	M 20032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$75,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	743.000	Ft
0030	Sidewalk, Rem	2040055	273.000	Syd
0040	Embankment, LM	2050011	43.000	Cyd
0050	Excavation, Earth	2050016	92.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	36.000	Ea
0070	Approach, CI I	3070001	137.000	Ton
0080	Dr Structure Cover, Adj, Case 1	4030005	43.000	Ea
0090	Cold Milling HMA Surface	5010002	79,600.000	Syd
0100	Bump Grinding	5010004	275.000	Syd
0110	HMA Surface, Rem	5010005	174.000	Syd
0120	HMA Quality Initiative	5010007	13,880.000	Dlr
0130	Longitudinal Joint Density Quality Initiative	5010018	27,563.000	Dlr
0140	Hand Patching	5010025	45.000	Ton
0150	HMA, 5E3	5010057	6,600.000	Ton
0160	HMA Approach	5010061	295.000	Ton
0170	Curb and Gutter, Conc, Det C4	8020023	245.000	Ft
0180	Curb Ramp Opening, Conc	8030030	406.000	Ft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	1,299.000	Sft
0200	Sidewalk, Conc, 4 inch	8030044	1,274.000	Sft
0210	_ Detectable Warning Surface, Cast Iron, Special	8037001	107.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	8.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	8.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea

0270	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0280	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	126.000	Ft
0290	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	65.000	Ft
0300	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	35.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,600.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,000.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, White	8110233	30,200.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,600.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	21,000.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	30,200.000	Ft
0370	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0380	Protective Ovly, Snowmobile Trail Crossing	8110550	44.000	Syd
0390	Channelizing Device, 42 inch, Furn	8120030	120.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	120.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,900.000	Ft
0460	Sign Cover	8120310	8.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	1,416.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	1,416.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	96.000	Sft
0500	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	96.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	_ Pedestrian Type II Barricade, Temp	8127050	46.000	Ea
0530	Slope Restoration, Type A	8160100	200.000	Syd
0540	Monument Preservation	8210010	3.000	Ea
0550	Centerline Corrugations, Milled, HMA	8220013	10,720.000	Ft
0560	Water Shutoff, Adj, Case 1	8230421	2.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 074

Letting Date: March 2, 2018

Contract ID: 53031-131408

Description: 3.21 mi of hot mix asphalt cold milling and resurfacing and chip sealing with fog sealing on US-31BR from US-31 north to US-10, Mason County. This project includes a 3 year materials and workmanship pavement warranty and a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131408A	1800400	N/A	NH 53031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,300.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	483.000	Ton
0030	Cold Milling HMA Surface	5010002	29,748.000	Syd
0040	HMA Quality Initiative	5010007	5,310.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	9,886.000	Dlr
0060	HMA, 5E1	5010056	2,499.000	Ton
0070	HMA Approach	5010061	156.000	Ton
0080	Overband Crack Fill, Lane	5020003	4.840	Lnmi
0090	Chip Seal, Shoulder, Warranty	5050030	18,435.000	Syd
0100	Chip Seal, Single, Warranty	5050040	35,737.000	Syd
0110	_ Seal, Fog	5057011	54,173.000	Syd
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0150	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	113.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,775.000	Ft
0170	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	29,897.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	30,053.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0200	Recessing Pavt Mrkg, Longit	8110450	25,500.000	Ft
0210	Channelizing Device, 42 inch, Furn	8120030	214.000	Ea
0220	Channelizing Device, 42 inch, Oper	8120031	214.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,232.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	1,232.000	Ft

	Yellow, Temp			
0280	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0290	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0300	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	244.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0330	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	12.000	Sft
0340	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	12.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0370	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0380	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	185.000	Ft
0390	_ Railroad Protection, at Grade Crossing	8507060	6,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 075

Letting Date: March 2, 2018

Contract ID: 69014-131792

Description: 23.37 Lnmi of microsurfacing, overband crack filling, cape sealing, shoulder corrugations and pavement markings on I-75 at 3 locations between McCoy Road to just south of the North Central State Trail in the city of Gaylord, Otsego and Cheboygan Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131792A	1800409	N/A	NH 69014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$257,600.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	2,100.000	Ton
0030	HMA Surface, Rem	5010005	600.000	Syd
0040	Hand Patching	5010025	120.000	Ton
0050	Overband Crack Fill, Lane	5020003	46.830	Lnmi
0060	Overband Crack Fill, Ramp	5020004	5.570	Lnmi
0070	_ Overband Crack Fill, Carpool Parking Lot	5027011	4,450.000	Syd
0080	Micro-Surface, Single Cse	5040010	4,450.000	Syd
0090	Micro-Surface, Single Cse, Warranty	5040020	87,200.000	Syd
0100	Micro-Surface, Warranty	5040030	498,700.000	Syd
0110	_ Seal, Single Chip, Modified	5057011	87,200.000	Syd
0120	_ Pavt Sensor, Invasive Condition, Replacement	8007050	1.000	Ea
0130	Detectable Warning Surface	8030010	16.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	8.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Turning Guide Line, Yellow	8110081	30.000	Ft
0190	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	323.000	Ft
0200	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	4.000	Ea
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	30,100.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	164,100.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	164,700.000	Ft
0240	Pavt Mrkg, Waterborne, 12 inch, White	8110237	12,800.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	164,100.000	Ft

0260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	164,700.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	12,800.000	Ft
0280	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	200.000	Ft
0290	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	800.000	Ft
0300	Rem Spec Mrkg	8110343	1,700.000	Sft
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0320	Recessing Pavt Mrkg, Turning Guide Line	8110452	10.000	Sft
0330	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	30,100.000	Ft
0340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	318,500.000	Ft
0350	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	12,800.000	Ft
0360	_ Traffic Control	8127051	1.000	LSUM
0370	Shoulder Corrugations, Ground or Cut, HMA	8220001	244,300.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 180302 076

Letting Date: March 2, 2018

Contract ID: 47064-201981

Description: Raising of superstructure and substructure, replacement of span, joint, bearing, pin and hanger and partial cleaning and coating of existing structural steel, signing and approach reconstruction on I-96 at Pleasant Valley Road, Livingston County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201981A	1800393	N/A	IM 47064
201982A	N/A	N/A	MER 47064

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	24,500.000	Dlr
0060	_ Incentive, Pleasant Valley Road,Open to Traffic	1047060	57,600.000	Dlr
0070	Critical Path Method Schedule	1080005	15,000.000	Dlr
0080	Mobilization, Max \$139,700.00	1500001	1.000	LSUM
0090	Clearing	2010001	0.150	Acre
0100	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0110	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0120	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0130	Sewer, Rem, Less than 24 inch	2030015	2.000	Ft
0140	Guardrail, Rem	2040035	680.000	Ft
0150	Pavt, Rem	2040050	207.000	Syd
0160	Exploratory Investigation, Vertical	2040080	20.000	Ft
0170	Excavation, Earth	2050016	1,499.000	Cyd
0180	_ Embankment, CIP, Special	2057021	816.000	Cyd
0190	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0200	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0210	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0220	Erosion Control, Sediment Trap	2080034	4.000	Ea
0230	Erosion Control, Silt Fence	2080036	1,094.000	Ft
0240	Project Cleanup	2090001	1.000	LSUM
0250	Subbase, CIP	3010002	1,162.000	Cyd
0260	Aggregate Base, 6 inch	3020016	1,782.000	Syd

0270	Shoulder, CI II, 7 inch	3070129	328.000	Syd
0280	Culv, CI A, CSP, 18 inch	4010201	4.000	Ft
0290	Dr Marker Post	4011109	8.000	Ea
0300	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0310	Dr Structure Cover, Type D	4030025	2.000	Ea
0320	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0330	Underdrain, Subbase, 6 inch	4040063	820.000	Ft
0340	Underdrain Outlet, 6 inch	4040093	172.000	Ft
0350	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0360	_ Underdrain Outlet, 6 inch, Modified	4047001	47.000	Ft
0370	HMA Surface, Rem	5010005	1,002.000	Syd
0380	HMA Patch, Rem	5010006	458.000	Syd
0390	HMA Quality Initiative	5010007	1,390.000	Dlr
0400	Hand Patching	5010025	25.000	Ton
0410	HMA Approach	5010061	670.000	Ton
0420	Joint, Expansion, E3	6020208	68.000	Ft
0430	Conc Quality Initiative	6020401	1,053.000	Dlr
0440	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	162.000	Syd
0450	Conc, Grade S2	7060011	1.000	Cyd
0460	Reinforcement, Steel, Culv and Headwall	7060091	50.000	Lb
0470	Curb and Gutter, Bridge Approach	8020010	115.000	Ft
0480	Guardrail, Type T	8070002	25.000	Ft
0490	Guardrail, Type MGS-8	8070004	350.000	Ft
0500	Guardrail, Curved, Type MGS-8	8070012	88.000	Ft
0510	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0520	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0530	Guardrail Reflector	8070080	15.000	Ea
0540	Fence, Protective	8080007	160.000	Ft
0550	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
0560	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
0570	Delineator Reflector, Green	8100133	3.000	Ea
0580	Post, Rigid, Delineator	8100361	3.000	Ea
0590	Post, Steel, 3 lb	8100371	78.000	Ft
0600	Sign, Type IA	8100392	136.000	Sft
0610	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0620	Sign, Type II, Rem	8100397	4.000	Ea
0630	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0640	Sign, Type III, Rem	8100403	3.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0670	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	986.000	Ft
0680	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,972.000	Ft
0690	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,972.000	Ft
0700	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,436.000	Ft
0710	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,244.000	Ft

0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,436.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,244.000	Ft
0740	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	982.000	Ft
0750	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	45.000	Ea
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	45.000	Ea
0780	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	8.000	Ea
0790	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
0800	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
0810	Conc Barrier Reflector Replacement	8120070	40.000	Ea
0820	Conc Barrier, Temp, Adj	8120080	920.000	Ft
0830	Conc Barrier, Temp, Furn	8120081	2,100.000	Ft
0840	Conc Barrier, Temp, Oper	8120082	2,100.000	Ft
0850	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0860	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0870	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0880	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0890	Ltg for Night Work	8120160	1.000	LSUM
0900	Minor Traf Devices	8120170	1.000	LSUM
0910	Mobile Attenuator	8120180	4.000	Ea
0920	Part Width Intersection Construction	8120190	1.000	Ea
0930	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,180.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,550.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,430.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	12,430.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,350.000	Ft
0980	Plastic Drum, High Intensity, Furn	8120250	430.000	Ea
0990	Plastic Drum, High Intensity, Oper	8120251	430.000	Ea
1000	Sign Cover	8120310	22.000	Ea
1010	Sign, Type A, Temp, Prismatic, Furn	8120340	230.000	Sft
1020	Sign, Type A, Temp, Prismatic, Oper	8120341	230.000	Sft
1030	Sign, Type B, Temp, Prismatic, Furn	8120350	3,320.000	Sft
1040	Sign, Type B, Temp, Prismatic, Oper	8120351	3,320.000	Sft
1050	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	830.000	Sft
1060	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	830.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1080	_ Sign, Portable, Changeable Message,NTCIP-Compliant, Furn	8127050	8.000	Ea
1090	_ Sign, Portable, Changeable Message,NTCIP-Compliant, Oper	8127050	8.000	Ea
1100	Riprap, Plain	8130010	6.000	Syd
1110	Slope Restoration, Type A	8160100	645.000	Syd

1120	Slope Restoration, Type B	8160101	700.000	Syd
1130	Slope Restoration, Type C	8160102	2,142.000	Syd
1140	Slope Restoration, Type D	8160103	29.000	Syd
1150	Contractor Staking	8240001	1.000	LSUM
1160	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
1170	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
1180	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

Section: 2

1190	Backfill, Structure, CIP	2060002	490.000	Cyd
1200	Excavation, Fdn	2060010	610.000	Cyd
1210	_ Fill, Lightweight, EPS Block	2067021	60.000	Cyd
1220	Underdrain, Fdn, 6 inch	4040033	330.000	Ft
1230	_ Conc Base Cse, Reinf, Variable Thickness	6027021	16.000	Cyd
1240	Bridge Ltg, Furn and Rem (S07 of 47064)	7060001	1.000	LSUM
1250	Bridge Ltg, Oper and Maintain	7060002	103.000	Cyd
1260	Expansion Joint Device	7060050	72.000	Ft
1270	False Decking	7060060	2,110.000	Sft
1280	Reinforcement, Steel, Epoxy Coated	7060092	28,755.000	Lb
1290	Substructure Conc, High Performance	7060101	40.000	Cyd
1300	Superstructure Conc, Form, Finish, and Cure, Night Casting (S07 of 47064)	7060112	1.000	LSUM
1310	Superstructure Conc, Night Casting, High Performance	7060117	103.000	Cyd
1320	Liner, PVC, 30 mil	7060209	160.000	Syd
1330	_ Texturing Conc, High Performance	7067011	35.000	Syd
1340	Bushing	7070030	48.000	Ea
1350	Shear Developers (S07 of 47064)	7070040	1.000	LSUM
1360	Structural Steel, Mixed, Erect	7070050	18,591.000	Lb
1370	Structural Steel, Mixed, Furn and Fab	7070051	18,591.000	Lb
1380	Structural Steel, Rolled Shape, Erect	7070070	50,161.000	Lb
1390	Structural Steel, Rolled Shape, Furn and Fab	7070071	50,161.000	Lb
1400	Joint Waterproofing	7100001	306.000	Sft
1410	Conc Surface Coating, Warranty (S07 of 47064)	7100009	1.000	LSUM
1420	Substructure Horizontal Surface Sealer (S07 of 47064)	7100030	36.000	Syd
1430	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	175.000	Ft
1440	Hand Chipping, Other Than Deck	7120007	108.000	Cft
1450	Patch, Forming	7120017	324.000	Sft
1460	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	16.000	Ea
1470	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	540.000	Ea
1480	Structures, Rehabilitation, Rem Portions (S07 of 47064)	7120070	1.000	LSUM
1490	Deck Joint, Rem	7120071	111.000	Ft
1500	Reinforcement, Mechanical Splice	7120084	176.000	Ea
1510	Patching Conc, C-L	7120112	4.000	Cyd

1520	Embedded Galvanic Anode	7120120	504.000	Ea
1530	Beam Plate, Seal Perimeter	7130010	674.000	Ft
1540	Hanger Assembly, Field Measurement	7130030	12.000	Ea
1550	Hanger Assembly, Rem and Erect	7130031	12.000	Ea
1560	Stiffeners, Furn, Fab, and Erect	7130060	1,674.000	Lb
1570	Structural Steel, Furn and Fab, Pin and Hanger	7130070	2,348.000	Lb
1580	Support, Column, Temp	7130080	6.000	Ea
1590	_ Superstructure Raising (S07 of 47064)	7137051	1.000	LSUM
1600	Steel Structure, Cleaning, Partial, Type 4 (S07 of 47064)	7150047	1.000	LSUM
1610	Steel Structure, Coating, Partial, Type 4 (S07 of 47064)	7150048	1.000	LSUM
1620	Field Repair of Damaged Coating (S07 of 47064)	7160001	1.000	LSUM
1630	Slope Paving Header	8130015	207.000	Ft
1640	Slope Paving, Conc	8130020	253.000	Syd



2/9/2018 9:55 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180302 077

Letting Date: March 2, 2018

Contract ID: 65041-131648

Description: 3.96 mi of diamond grinding and concrete pavement repair on I-75 northbound from Ski Park Road to the west Ogemaw county line, Ogemaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131648A	1800420	N/A	NH 65041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$93,900.00	1500001	1.000	LSUM
0020	_ Asphalt Repair Mastic	5027001	7,344.000	Ft
0030	Joint, Contraction, Cp	6020200	708.000	Ft
0040	Diamond Grinding Conc Pavt	6030015	62,930.000	Syd
0050	Longit Grooving of Conc Pavt	6030018	55,700.000	Syd
0060	Joint, Contraction, Crg	6030020	2,940.000	Ft
0070	Lane Tie, Epoxy Anchored	6030030	1,067.000	Ea
0080	Saw Cut, Intermediate	6030090	1,620.000	Ft
0090	Sawing and Sealing Longit Pavt Joints	6030095	23,120.000	Ft
0100	_ Pavt Repr, Overlay, Nonreinf Conc	6037021	305.000	Cyd
0110	_ Pavt Repr, Overlay, Rem	6037021	305.000	Cyd
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,870.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	20,900.000	Ft
0140	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	20,900.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	20,900.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	20,900.000	Ft
0170	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	9,870.000	Ft
0180	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	240.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	240.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg Cover, Type R, Black	8120200	5,000.000	Ft
0240	Sign Cover	8120310	10.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	532.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	532.000	Sft

Schedule of Pay Items

Report v1

Letting Call: 180302 078

Letting Date: March 2, 2018

Contract ID: 53021-131401

Description: 0.80 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ADA ramps, drainage structure replacement and pavement markings on US-10 from Rowe Street to Jackson Road in the city of Ludington, Mason County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131401A	1800405	N/A	NH 53021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,300.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	8.000	Ea
0030	Curb and Gutter, Rem	2040020	1,250.000	Ft
0040	Pavt, Rem	2040050	30.000	Syd
0050	Sidewalk, Rem	2040055	1,010.000	Syd
0060	Embankment, CIP	2050010	100.000	Cyd
0070	Excavation, Earth	2050016	100.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0100	Aggregate Base	3020001	14.000	Ton
0110	Maintenance Gravel, LM	3060021	44.000	Cyd
0120	Sewer, CI E, 12 inch, Tr Det B	4020600	25.000	Ft
0130	Dr Structure Cover, Adj, Case 1	4030005	45.000	Ea
0140	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0150	Dr Structure Cover, Type B	4030010	6.000	Ea
0160	Dr Structure Cover, Type D	4030025	1.000	Ea
0170	Dr Structure Cover, Type K	4030050	13.000	Ea
0180	Dr Structure, 48 inch dia	4030210	8.000	Ea
0190	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0200	Dr Structure, Temp Lowering	4030390	55.000	Ea
0210	_ Dr Structure Repair, Add Depth	4037001	20.000	Ft
0220	_ Dr Structure Repair, Composite Pavt	4037050	5.000	Ea
0230	Pavt, Cleaning	5010001	1.000	LSUM
0240	Cold Milling HMA Surface	5010002	23,245.000	Syd
0250	HMA Surface, Rem	5010005	367.000	Syd
0260	HMA Quality Initiative	5010007	4,082.000	Dlr
0270	Longitudinal Joint Density Quality Initiative	5010018	12,672.000	Dlr

0280	Hand Patching	5010025	32.000	Ton
0290	HMA, 5E1	5010056	2,009.000	Ton
0300	Conc Base Cse, Nonreinf, 9 inch	6020021	254.000	Syd
0310	Cement	6030005	2.000	Ton
0320	Lane Tie, Epoxy Anchored	6030030	40.000	Ea
0330	Non-Chloride Accelerator	6030035	26.000	Gal
0340	Pavt Repr, Nonreinf Conc, 12 inch	6030052	384.000	Syd
0350	Pavt Repr, Rem	6030080	376.000	Syd
0360	_ Joint, Contraction, Crg, Modified	6037001	1,140.000	Ft
0370	_ Pedestrian Path, Temp	8007001	100.000	Ft
0380	_ Pedestrian Ramp, Temp	8007050	8.000	Ea
0390	Driveway, Nonreinf Conc, 6 inch	8010005	15.000	Syd
0400	Curb and Gutter, Conc, Det F4	8020038	642.000	Ft
0410	Detectable Warning Surface	8030010	418.000	Ft
0420	Curb Ramp Opening, Conc	8030030	601.000	Ft
0430	Sidewalk Ramp, Conc, 6 inch	8030036	9,080.000	Sft
0440	Sidewalk, Conc, 4 inch	8030044	53.000	Sft
0450	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,034.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	173.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0480	Pavt Mrkg, Polyurea, 4 inch, White	8110091	3,340.000	Ft
0490	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	8,617.000	Ft
0500	Rem Spec Mrkg	8110343	575.000	Sft
0510	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0520	Recessing Pavt Mrkg, Longit	8110450	11,957.000	Ft
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0550	Channelizing Device, 42 inch, Furn	8120030	310.000	Ea
0560	Channelizing Device, 42 inch, Oper	8120031	310.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	5,000.000	Ft
0610	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	1,017.000	Ft
0620	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	87.000	Ft
0630	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	2.000	Ea
0640	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,000.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,000.000	Ft
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,000.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,000.000	Ft

0680	Plastic Drum, High Intensity, Furn	8120250	15.000	Ea
0690	Plastic Drum, High Intensity, Oper	8120251	15.000	Ea
0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	1,017.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	87.000	Ft
0730	Sign Cover	8120310	10.000	Ea
0740	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0750	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0760	Sign, Type A, Temp, Prismatic, Furn	8120340	128.000	Sft
0770	Sign, Type A, Temp, Prismatic, Oper	8120341	128.000	Sft
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	730.000	Sft
0790	Sign, Type B, Temp, Prismatic, Oper	8120351	730.000	Sft
0800	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	270.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	270.000	Sft
0820	Traf Regulator Control	8120370	1.000	LSUM
0830	_ Pedestrian Type II Barricade, Temp	8127050	10.000	Ea
0840	Slope Restoration, Type B	8160101	650.000	Syd
0850	Conduit, DB, 1, 1 1/2 inch	8190027	100.000	Ft
0860	Pedestal, Fdn	8200105	4.000	Ea
0870	Pushbutton and Sign	8200121	4.000	Ea
0880	Pushbutton, Rem	8200122	4.000	Ea
0890	Pushbutton Pedestal, Alum	8200123	4.000	Ea
0900	TS, Bag	8200450	32.000	Ea
0910	TS, Bag, Rem	8200451	32.000	Ea
0920	Monument Box	8210001	2.000	Ea
0930	Monument Box Adjust	8210005	2.000	Ea
0940	Monument Preservation	8210010	2.000	Ea
0950	Monument Preservation, Vertical	8210015	2.000	Ea
0960	Protect Corners	8210020	32.000	Ea
0970	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0980	Gate Box, Adj, Case 1	8230431	5.000	Ea
0990	Contractor Staking, Road Only	8240007	1.000	LSUM
1000	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
1010	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
1020	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr