



8/29/2019 9:17 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191004 001

Letting Date: October 4, 2019

Contract ID: 41000-203292

Description: Pedestrian signals at various intersections in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203292A | 1900970 | N/A | HSIP 41000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$30,200.00 | 1500001 | 1.000 | LSUM |
| 0020 | Pedestrian Type II Barricade, Temp | 8120026 | 25.000 | Ea |
| 0030 | Channelizing Device, 42 inch, Furn | 8120030 | 150.000 | Ea |
| 0040 | Channelizing Device, 42 inch, Oper | 8120031 | 150.000 | Ea |
| 0050 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0060 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0070 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0080 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 250.000 | Sft |
| 0090 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 250.000 | Sft |
| 0100 | TS, Pedestrian, Bracket Arm Mtd, Rem | 8200180 | 170.000 | Ea |
| 0110 | TS, Pedestrian, Pedestal Mtd, Rem | 8200181 | 17.000 | Ea |
| 0120 | TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown | 8200336 | 10.000 | Ea |
| 0130 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown | 8200339 | 160.000 | Ea |
| 0140 | TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown | 8200345 | 4.000 | Ea |
| 0150 | TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown | 8200347 | 13.000 | Ea |

**Schedule of Pay Items**

Report v1

Letting Call: 191004 002**Letting Date:** October 4, 2019**Contract ID:** 25000-130647

Description: 2.14 mi of hot mix asphalt cold milling and resurfacing, pavement removal, concrete curb, gutter, sidewalk and ramps, water main, drainage, sewer, joint and crack repairs, signing and pavement markings on East Court Street from Crapo Street to Center Road in the city of Flint, Genesee County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 130647A | 1900468 | N/A | STU 25000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$600,000.00 | 1500001 | 1.000 | LSUM |
| 0020 | Stump, Rem, 19 inch to 36 inch | 2020006 | 10.000 | Ea |
| 0030 | Stump, Rem, 37 inch or Larger | 2020007 | 1.000 | Ea |
| 0040 | Stump, Rem, 6 inch to 18 inch | 2020008 | 17.000 | Ea |
| 0050 | Dr Structure, Rem | 2030011 | 2.000 | Ea |
| 0060 | Sewer, Rem, Less than 24 inch | 2030015 | 20.000 | Ft |
| 0070 | Sidewalk, Rem | 2040055 | 2,680.000 | Syd |
| 0080 | _ Pavt, Rem, Modified | 2047011 | 25,260.000 | Syd |
| 0090 | Excavation, Earth | 2050016 | 4,418.000 | Cyd |
| 0100 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 200.000 | Cyd |
| 0110 | Subgrade Undercutting, Type II | 2050041 | 200.000 | Cyd |
| 0120 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 88.000 | Ea |
| 0130 | Erosion Control, Turbidity Curtain, Shallow | 2080044 | 150.000 | Ft |
| 0140 | Subbase, CIP | 3010002 | 805.000 | Cyd |
| 0150 | _ Aggregate Base, 8 inch, Modified | 3027011 | 23,771.000 | Syd |
| 0160 | _ Maintenance Gravel, Modified | 3067031 | 3,000.000 | Ton |
| 0170 | Sewer, Cl A, 12 inch, Tr Det B | 4020033 | 50.000 | Ft |
| 0180 | Sewer Tap, 30 inch | 4021208 | 2.000 | Ea |
| 0190 | Dr Structure, 48 inch dia | 4030210 | 1.000 | Ea |
| 0200 | Dr Structure, 60 inch dia | 4030220 | 1.000 | Ea |
| 0210 | Dr Structure, 72 inch dia | 4030230 | 1.000 | Ea |
| 0220 | Dr Structure, Tap, 6 inch | 4030306 | 92.000 | Ea |
| 0230 | Dr Structure, Tap, 12 inch | 4030312 | 3.000 | Ea |
| 0240 | _ Structure, Adj, Add Depth | 4037001 | 135.000 | Ft |
| 0250 | _ Dr Structure Cover, ADA Compliant | 4037050 | 2.000 | Ea |
| 0260 | _ Manhole Cover, Adj | 4037050 | 88.000 | Ea |

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|------|--|---------|------------|------|
| 0270 | _ Structure Cover, Adj, Case 1 | 4037050 | 155.000 | Ea |
| 0280 | _ Structure Cover, Adj, Case 2 | 4037050 | 4.000 | Ea |
| 0290 | _ Structure Cover, Special | 4037050 | 94.000 | Ea |
| 0300 | Underdrain, Subbase, 6 inch | 4040063 | 13,900.000 | Ft |
| 0310 | Pavt Joint and Crack Repr, Det 7 | 5010020 | 4,930.000 | Ft |
| 0320 | Pavt Joint and Crack Repr, Det 8 | 5010021 | 4,930.000 | Ft |
| 0330 | Hand Patching | 5010025 | 1,205.000 | Ton |
| 0340 | HMA, 3C | 5010031 | 4,370.000 | Ton |
| 0350 | HMA, 4E1 | 5010050 | 4,615.000 | Ton |
| 0360 | HMA, 5E1 | 5010056 | 4,615.000 | Ton |
| 0370 | _ Cold Milling | 5017011 | 55,015.000 | Syd |
| 0380 | Lane Tie, Epoxy Anchored | 6030030 | 8,076.000 | Ea |
| 0390 | Conc Surface Coating (Gilkey Creek) | 7100010 | 1.000 | LSUM |
| 0400 | _ Vertical and Overhead Structure Repairs, Shotcrete | 7107020 | 50.000 | Cft |
| 0410 | Hand Chipping, Other Than Deck | 7120007 | 50.000 | Cft |
| 0420 | Driveway, Nonreinf Conc, 6 inch | 8010005 | 2,202.000 | Syd |
| 0430 | Driveway, Nonreinf Conc, 8 inch | 8010007 | 1,951.000 | Syd |
| 0440 | Curb and Gutter, Conc, Det C4 | 8020023 | 5,732.000 | Ft |
| 0450 | Driveway Opening, Conc, Det M | 8020050 | 811.000 | Ft |
| 0460 | _ Curb and Gutter, Conc, Det C4, Modified | 8027001 | 15,618.000 | Ft |
| 0470 | Curb Ramp Opening, Conc | 8030030 | 553.000 | Ft |
| 0480 | Sidewalk Ramp, Conc, 7 inch | 8030037 | 4,751.000 | Sft |
| 0490 | Sidewalk, Conc, 4 inch | 8030044 | 14,658.000 | Sft |
| 0500 | Sidewalk, Conc, 6 inch | 8030046 | 2,067.000 | Sft |
| 0510 | _ Detectable Warning Surface, Modified | 8037001 | 347.000 | Ft |
| 0520 | _ Sidewalk, Conc, 8 inch | 8037010 | 2,233.000 | Sft |
| 0530 | Post, Mailbox | 8070095 | 14.000 | Ea |
| 0540 | Post, Steel, 3 lb | 8100371 | 1,643.000 | Ft |
| 0550 | Sign, Type III, Rem | 8100403 | 192.000 | Ea |
| 0560 | Sign, Type IIIA | 8100404 | 283.000 | Sft |
| 0570 | Sign, Type IIIB | 8100405 | 424.000 | Sft |
| 0580 | Sign, Type VB | 8100425 | 8.000 | Sft |
| 0590 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 1,647.000 | Ft |
| 0600 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar | 8110045 | 788.000 | Ft |
| 0610 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 17.000 | Ea |
| 0620 | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym | 8110069 | 4.000 | Ea |
| 0630 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 1.000 | Ea |
| 0640 | Pavt Mrkg, Thermopl, 24 inch, Stop Bar | 8110218 | 68.000 | Ft |
| 0650 | Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, White | 8110380 | 9,459.000 | Ft |
| 0660 | Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, Yellow | 8110384 | 23,600.000 | Ft |
| 0670 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 44.000 | Ea |
| 0680 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 44.000 | Ea |

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|------|--|---------|------------|------|
| 0690 | Pedestrian Type II Barricade, Temp | 8120026 | 40.000 | Ea |
| 0700 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0710 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 600.000 | Ft |
| 0720 | Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp | 8120230 | 5,280.000 | Ft |
| 0730 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp | 8120231 | 2,900.000 | Ft |
| 0740 | Plastic Drum, High Intensity, Furn | 8120250 | 200.000 | Ea |
| 0750 | Plastic Drum, High Intensity, Oper | 8120251 | 200.000 | Ea |
| 0760 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,558.000 | Sft |
| 0770 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,558.000 | Sft |
| 0780 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0790 | _ Pedestrian Path, Temp | 8127001 | 600.000 | Ft |
| 0800 | _ Pedestrian Ramp, Temp | 8127050 | 30.000 | Ea |
| 0810 | _ Railroad Protection, at Grade Crossing | 8127060 | 1,000.000 | Dlr |
| 0820 | _ Riprap, Heavy, Modified | 8137011 | 80.000 | Syd |
| 0830 | _ Turf Establishment, Performance | 8167011 | 13,900.000 | Syd |
| 0840 | Traf Loop | 8200170 | 2.000 | Ea |
| 0850 | TS, Pedestrian, Two Way Bracket Arm Mtd, Salv | 8200228 | 2.000 | Ea |
| 0860 | Monument Box | 8210001 | 2.000 | Ea |
| 0870 | Monument Box Adjust | 8210005 | 2.000 | Ea |
| 0880 | Monument Preservation | 8210010 | 2.000 | Ea |
| 0890 | _ Abandon Water Main, 12 inch | 8237001 | 7,770.000 | Ft |
| 0900 | _ Abandon Water Main, 24 inch | 8237001 | 2,380.000 | Ft |
| 0910 | _ Abandon Water Main, 6 inch | 8237001 | 403.000 | Ft |
| 0920 | _ Abandon Water Main, 8 inch | 8237001 | 467.000 | Ft |
| 0930 | _ Water Main Bedding and Backfill, SD-7W | 8237001 | 13,124.000 | Ft |
| 0940 | _ Water Main, 12 inch, CIPP Liner | 8237001 | 360.000 | Ft |
| 0950 | _ Water Main, 12 inch, Open Cut | 8237001 | 8,167.000 | Ft |
| 0960 | _ Water Main, 24 inch, Open Cut | 8237001 | 2,402.000 | Ft |
| 0970 | _ Water Main, 3 inch, Open Cut | 8237001 | 28.000 | Ft |
| 0980 | _ Water Main, 4 inch, Open Cut | 8237001 | 41.000 | Ft |
| 0990 | _ Water Main, 6 inch, Open Cut | 8237001 | 1,035.000 | Ft |
| 1000 | _ Water Main, 8 inch, Open Cut | 8237001 | 2,799.000 | Ft |
| 1010 | _ Gate Valve and Box, 3 inch, Modified | 8237050 | 1.000 | Ea |
| 1020 | _ Gate Valve and Box, 4 inch, Modified | 8237050 | 1.000 | Ea |
| 1030 | _ Gate Valve and Box, 6 inch, Modified | 8237050 | 17.000 | Ea |
| 1040 | _ Gate Valve and Box, 8 inch, Modified | 8237050 | 10.000 | Ea |
| 1050 | _ Gate Valve and Well, 12 inch, Modified | 8237050 | 16.000 | Ea |
| 1060 | _ Gate Valve and Well, 24 inch, Modified | 8237050 | 3.000 | Ea |
| 1070 | _ Gate Valve and Well, 8 inch, Modified | 8237050 | 7.000 | Ea |
| 1080 | _ Hydrant Assembly, SD-1W | 8237050 | 31.000 | Ea |
| 1090 | _ Hydrant, Rem, Modified | 8237050 | 21.000 | Ea |
| 1100 | _ Water Main, 12 inch, Cut and Plug, Modified | 8237050 | 9.000 | Ea |
| 1110 | _ Water Main, 24 inch, Cut and Plug, Modified | 8237050 | 2.000 | Ea |
| 1120 | _ Water Main, 3 inch, Cut and Plug, Modified | 8237050 | 1.000 | Ea |
| 1130 | _ Water Main, 4 inch, Cut and Plug, Modified | 8237050 | 2.000 | Ea |

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|------|---|---------|-----------|-----|
| 1140 | _ Water Main, 6 inch, Cut and Plug, Modified | 8237050 | 16.000 | Ea |
| 1150 | _ Water Main, 8 inch, Cut and Plug, Modified | 8237050 | 15.000 | Ea |
| 1160 | _ Water Main, Connect New 12 inch to Existing 12 inch | 8237050 | 10.000 | Ea |
| 1170 | _ Water Main, Connect New 24 inch to Existing 24 inch | 8237050 | 2.000 | Ea |
| 1180 | _ Water Main, Connect New 3 inch to Existing 3 inch | 8237050 | 1.000 | Ea |
| 1190 | _ Water Main, Connect New 4 inch to Existing 4 inch | 8237050 | 1.000 | Ea |
| 1200 | _ Water Main, Connect New 6 inch to Existing 4 inch | 8237050 | 1.000 | Ea |
| 1210 | _ Water Main, Connect New 6 inch to Existing 6 inch | 8237050 | 16.000 | Ea |
| 1220 | _ Water Main, Connect New 8 inch to Existing 8 inch | 8237050 | 14.000 | Ea |
| 1230 | _ Water Serv, 1 inch | 8237050 | 61.000 | Ea |
| 1240 | _ Water Serv, 2 inch | 8237050 | 1.000 | Ea |
| 1250 | _ Water Serv, Long, 1 inch | 8237050 | 87.000 | Ea |
| 1260 | _ Water Serv, Long, 1.5 inch | 8237050 | 2.000 | Ea |
| 1270 | _ Water Serv, Long, 2 inch | 8237050 | 3.000 | Ea |
| 1280 | _ Water Structure, Abandon | 8237050 | 17.000 | Ea |
| 1290 | _ Sanitary Sewer, PVC, SDR 26, 12 inch, Tr Det B | 8257001 | 30.000 | Ft |
| 1300 | _ Sanitary Sewer, Rem | 8257001 | 30.000 | Ft |
| 1310 | _ Sanitary Sewer Manhole, Rem | 8257050 | 1.000 | Ea |
| 1320 | _ Sanitary Sewer Manhole, Tap, 12 inch | 8257050 | 1.000 | Ea |
| 1330 | _ Sanitary Sewer Tap, 12 inch | 8257050 | 1.000 | Ea |
| 1340 | _ Reimbursed Permit Fees | 8507060 | 2,400.000 | Dlr |



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191004 003

Letting Date: October 4, 2019

Contract ID: 63000-132743-2

Description: 1.94 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer and pavement markings on West 14 Mile Road from Greenfield Road to Crooks Road in the cities of Royal Oak and Birmingham, Oakland County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 132743A | 1900734 | N/A | STU 63000 |
| 132748A | 1900735 | N/A | STU 63000 |
| 203427A | 1900736 | N/A | NH 63000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$310,400.00 | 1500001 | 1.000 | LSUM |
| 0020 | Dr Structure, Abandon | 2030010 | 3.000 | Ea |
| 0030 | Dr Structure, Rem | 2030011 | 3.000 | Ea |
| 0040 | Pavt, Rem | 2040050 | 1,157.000 | Syd |
| 0050 | Sidewalk, Rem | 2040055 | 1,922.000 | Syd |
| 0060 | _ Curb and Gutter, Rem, Modified | 2047001 | 6,755.000 | Ft |
| 0070 | _ Pavt, Rem, Modified | 2047011 | 3,138.000 | Syd |
| 0080 | _ Impact Attenuator, Removal and Disposal | 2047050 | 2.000 | Ea |
| 0090 | Excavation, Earth | 2050016 | 835.000 | Cyd |
| 0100 | Subgrade Undercutting, Type I | 2050040 | 220.000 | Cyd |
| 0110 | _ Erosion Control, Silt Sack, Modified | 2087050 | 92.000 | Ea |
| 0120 | _ Aggregate Base, 4 Inch, Modified | 3027011 | 2,518.000 | Syd |
| 0130 | _ Aggregate Base, 6 Inch, Modified | 3027011 | 6,951.000 | Syd |
| 0140 | _ Aggregate Surface, Temp | 3067031 | 180.000 | Ton |
| 0150 | _ Sewer, 8 to 12 inch Catch Basin Lead, Tr Det B | 4027001 | 24.000 | Ft |
| 0160 | Dr Structure Cover, Adj, Case 1 | 4030005 | 128.000 | Ea |
| 0170 | Dr Structure Cover, Adj, Case 2 | 4030006 | 3.000 | Ea |
| 0180 | Dr Structure, Adj, Add Depth | 4030280 | 15.000 | Ft |
| 0190 | Dr Structure, Cleaning | 4030290 | 121.000 | Ea |
| 0200 | Dr Structure, Tap, 8 inch | 4030308 | 2.000 | Ea |
| 0210 | Dr Structure, Temp Lowering | 4030390 | 88.000 | Ea |
| 0220 | _ Dr Structure Cover, Modified | 4037050 | 135.000 | Ea |
| 0230 | Pavt, Cleaning | 5010001 | 1.000 | LSUM |
| 0240 | Cold Milling HMA Surface | 5010002 | 60,706.000 | Syd |
| 0250 | HMA Surface, Rem | 5010005 | 1,750.000 | Syd |

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|------|--|---------|------------|-----|
| 0260 | Pavt for Butt Joints, Rem | 5010008 | 535.000 | Syd |
| 0270 | Edge Trimming | 5010009 | 299.000 | Ft |
| 0280 | Joint and Crack, Cleanout | 5010015 | 1,875.000 | Ft |
| 0290 | Pavt Joint and Crack Repr, Det 7 | 5010020 | 1,675.000 | Ft |
| 0300 | Pavt Joint and Crack Repr, Det 8 | 5010021 | 2,125.000 | Ft |
| 0310 | Hand Patching | 5010025 | 173.000 | Ton |
| 0320 | HMA, 4E10 | 5010052 | 8,899.000 | Ton |
| 0330 | HMA, 5E10 | 5010058 | 5,338.000 | Ton |
| 0340 | _ HMA for Patching, Temp | 5017031 | 103.000 | Ton |
| 0350 | _ Conc Base Cse, Nonreinf, 9 inch, Modified | 6027011 | 4,047.000 | Syd |
| 0360 | _ Conc Pavt with Integral Curb, Nonreinf, 7 inch, Modified | 6027011 | 1,437.000 | Syd |
| 0370 | Cold Milling Conc Pavt | 6030014 | 1,396.000 | Syd |
| 0380 | Lane Tie, Epoxy Anchored | 6030030 | 1,970.000 | Ea |
| 0390 | Driveway, Nonreinf Conc, 6 inch | 8010005 | 408.000 | Syd |
| 0400 | Driveway, Nonreinf Conc, 8 inch | 8010007 | 110.000 | Syd |
| 0410 | _ Curb and Gutter, Conc, Det B3, Modified | 8027001 | 252.000 | Ft |
| 0420 | _ Curb and Gutter, Conc, Det F3 or F4, Modified | 8027001 | 7,182.000 | Ft |
| 0430 | Curb Ramp Opening, Conc | 8030030 | 463.000 | Ft |
| 0440 | Steps, Conc | 8030100 | 2.000 | Cyd |
| 0450 | _ Detectable Warning Surface, Modified | 8037001 | 366.000 | Ft |
| 0460 | _ Sidewalk Ramp, Conc, 6 inch, Modified | 8037010 | 2,114.000 | Sft |
| 0470 | _ Sidewalk Ramp, Conc, 8 inch, Modified | 8037010 | 1,539.000 | Sft |
| 0480 | _ Sidewalk, Conc, 4 inch, Modified | 8037010 | 9,635.000 | Sft |
| 0490 | _ Sidewalk, Conc, 6 inch, Modified | 8037010 | 686.000 | Sft |
| 0500 | _ Sidewalk, Conc, 8 inch, Modified | 8037010 | 611.000 | Sft |
| 0510 | _ Impact Attenuator, TL-2, Furn and Install, Type 3 | 8077050 | 2.000 | Ea |
| 0520 | Post Hole Through Conc for Steel Post | 8100340 | 2.000 | Ea |
| 0530 | Post, Steel, 3 lb | 8100371 | 28.000 | Ft |
| 0540 | Sign, Type IIIA | 8100404 | 4.000 | Sft |
| 0550 | Sign, Type IIIB | 8100405 | 10.000 | Sft |
| 0560 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 20.000 | Ea |
| 0570 | Pavt Mrkg, Ovly Cold Plastic, Only | 8110068 | 27.000 | Ea |
| 0580 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 3.000 | Ea |
| 0590 | Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym | 8110078 | 4.000 | Ea |
| 0600 | Pavt Mrkg, Polyurea, 4 inch, White | 8110091 | 7,644.000 | Ft |
| 0610 | Pavt Mrkg, Polyurea, 4 inch, Yellow | 8110092 | 24,938.000 | Ft |
| 0620 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | 8110093 | 292.000 | Ft |
| 0630 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White | 8110108 | 133.000 | Ft |
| 0640 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow | 8110109 | 1,073.000 | Ft |
| 0650 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 731.000 | Ft |
| 0660 | Rem Spec Mrkg | 8110343 | 2,035.000 | Sft |
| 0670 | _ Pavt Mrkg, Polyurea, 24 inch, Crosswalk | 8117001 | 1,420.000 | Ft |
| 0680 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 115.000 | Ea |

| | | | | |
|------|--|---------|------------|------|
| 0690 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 115.000 | Ea |
| 0700 | Pedestrian Type II Barricade, Temp | 8120026 | 40.000 | Ea |
| 0710 | Channelizing Device, 42 inch, Furn | 8120030 | 40.000 | Ea |
| 0720 | Channelizing Device, 42 inch, Oper | 8120031 | 40.000 | Ea |
| 0730 | Lighted Arrow, Type B, Furn | 8120130 | 5.000 | Ea |
| 0740 | Lighted Arrow, Type B, Oper | 8120131 | 5.000 | Ea |
| 0750 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0760 | Pavt Mrkg Cover, Type R, Black | 8120200 | 1,830.000 | Ft |
| 0770 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 22,189.000 | Ft |
| 0780 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem | 8120211 | 349.000 | Ft |
| 0790 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp | 8120235 | 8,568.000 | Ft |
| 0800 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 53,440.000 | Ft |
| 0810 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 1,310.000 | Ft |
| 0820 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 3,434.000 | Ft |
| 0830 | Plastic Drum, High Intensity, Furn | 8120250 | 1,001.000 | Ea |
| 0840 | Plastic Drum, High Intensity, Oper | 8120251 | 1,001.000 | Ea |
| 0850 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar | 8120265 | 438.000 | Ft |
| 0860 | Sign, Portable, Changeable Message, Furn | 8120330 | 7.000 | Ea |
| 0870 | Sign, Portable, Changeable Message, Oper | 8120331 | 7.000 | Ea |
| 0880 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,680.000 | Sft |
| 0890 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,680.000 | Sft |
| 0900 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 474.000 | Sft |
| 0910 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 474.000 | Sft |
| 0920 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0930 | _ Railroad Inspection and Flagging | 8127060 | 50,000.000 | Dlr |
| 0940 | _ Railroad Protection | 8127060 | 1.000 | Dlr |
| 0950 | Fertilizer, Chemical Nutrient, CI A | 8160020 | 21.000 | Lb |
| 0960 | Mulch Blanket | 8160027 | 1,939.000 | Syd |
| 0970 | Seeding, Mixture TUF | 8160042 | 90.000 | Lb |
| 0980 | Sodding | 8160055 | 120.000 | Syd |
| 0990 | Topsoil Surface, Furn, 3 inch | 8160061 | 1,939.000 | Syd |
| 1000 | Water, Sodding/Seeding | 8160090 | 645.000 | Unit |
| 1010 | Traf Loop | 8200170 | 2.000 | Ea |
| 1020 | Loop Detector, Rem | 8200173 | 2.000 | Ea |
| 1030 | TS, Span Wire Mtd, Rem | 8200182 | 4.000 | Ea |
| 1040 | TS, One Way Span Wire Mtd, Salv | 8200191 | 4.000 | Ea |
| 1050 | TS Head, Adj | 8200452 | 11.000 | Ea |
| 1060 | TS Head, Temp | 8200453 | 9.000 | Ea |
| 1070 | TS Face, Bag | 8200458 | 26.000 | Ea |
| 1080 | TS Face, Bag, Rem | 8200459 | 28.000 | Ea |
| 1090 | Monument Box Adjust | 8210005 | 8.000 | Ea |

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|------|--|---------|--------|------|
| 1100 | Monument Preservation | 8210010 | 8.000 | Ea |
| 1110 | Hydrant, Rem | 8230091 | 1.000 | Ea |
| 1120 | Gate Box, Adj, Temp, Case 1 | 8230391 | 25.000 | Ea |
| 1130 | Gate Box, Adj, Case 1 | 8230431 | 25.000 | Ea |
| 1140 | _ Fire Hydrant, Modified | 8237050 | 1.000 | Ea |
| 1150 | _ Gate Box, Reconst, Case 1, Modified | 8237050 | 3.000 | Ea |
| 1160 | _ Gate Well Cover, Adj, Case 1 | 8237050 | 13.000 | Ea |
| 1170 | _ Gate Well Cover, Adj, Temp, Case 1 | 8237050 | 13.000 | Ea |
| 1180 | _ Water Shutoff, Reconst, Case 1, Modified | 8237050 | 3.000 | Ea |
| 1190 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 1200 | Staking Plan Errors and Extras, One Person | 8240020 | 3.000 | Hr |
| 1210 | Staking Plan Errors and Extras, Two Person | 8240021 | 3.000 | Hr |
| 1220 | Staking Plan Errors and Extras, Three Person | 8240022 | 3.000 | Hr |



8/29/2019 9:17 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191004 004

Letting Date: October 4, 2019

Contract ID: 56000-203315

Description: Bridge replacement and approach work on Redstone Road over Bush Creek, Monroe Road over Newell Drain and Meridian Road over Bullock Creek, Midland County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203315A | 1900848 | N/A | ER 56000 |
| 203319A | 1900849 | N/A | ER 56000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$121,000.00 | 1500001 | 1.000 | LSUM |
| 0020 | Fence, Rem | 2040025 | 89.000 | Ft |
| 0030 | Guardrail, Rem | 2040035 | 307.000 | Ft |
| 0040 | Embankment, CIP | 2050010 | 5.000 | Cyd |
| 0050 | Subgrade Undercutting, Type II | 2050041 | 50.000 | Cyd |
| 0060 | _ Machine Grading, Modified | 2057002 | 4.000 | Sta |
| 0070 | Erosion Control, Silt Fence | 2080036 | 973.000 | Ft |
| 0080 | Erosion Control, Turbidity Curtain, Deep | 2080042 | 150.000 | Ft |
| 0090 | Erosion Control, Turbidity Curtain, Shallow | 2080044 | 216.000 | Ft |
| 0100 | Subbase, CIP | 3010002 | 612.000 | Cyd |
| 0110 | Aggregate Base | 3020001 | 1,022.000 | Ton |
| 0120 | Shoulder, CI II | 3070121 | 53.000 | Ton |
| 0130 | HMA Surface, Rem | 5010005 | 1,270.000 | Syd |
| 0140 | HMA, LVSP | 5010703 | 349.000 | Ton |
| 0150 | _ Structure Name Plate | 7067050 | 2.000 | Ea |
| 0160 | Curb and Gutter, Bridge Approach | 8020010 | 204.000 | Ft |
| 0170 | Guardrail, Type B | 8070000 | 350.000 | Ft |
| 0180 | Guardrail Anch, Bridge, Det T2 | 8070023 | 8.000 | Ea |
| 0190 | Guardrail Approach Terminal, Type 2B | 8070042 | 4.000 | Ea |
| 0200 | Sign, Type III, Rem | 8100403 | 4.000 | Ea |
| 0210 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 1,106.000 | Ft |
| 0220 | Pavt Mrkg, Waterborne, 6 inch, Yellow | 8110234 | 470.000 | Ft |
| 0230 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 14.000 | Ea |
| 0240 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 14.000 | Ea |
| 0250 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0260 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 980.000 | Sft |

| | | | | |
|------|--|---------|-----------|-----|
| 0270 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 980.000 | Sft |
| 0280 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 96.000 | Sft |
| 0290 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 96.000 | Sft |
| 0300 | _ Slope Restoration, Modified | 8167011 | 1,228.000 | Syd |

Section: 2

| | | | | |
|------|--|---------|------------|------|
| 0310 | _ Structures, Rem, SN 13938 | 2047051 | 1.000 | LSUM |
| 0320 | _ Structures, Rem, SN 6928 | 2047051 | 1.000 | LSUM |
| 0330 | Excavation, Channel | 2050015 | 38.000 | Cyd |
| 0340 | _ Granular Embankment, AASHTO #89 Stone | 2057021 | 1,565.000 | Cyd |
| 0350 | Excavation, Fdn | 2060010 | 2,159.000 | Cyd |
| 0360 | _ RSF, MDOT 21AA, CIP, Crushed Limestone | 2067021 | 351.000 | Cyd |
| 0370 | _ High Strength Woven Polypropylene Fabric | 3087011 | 8,696.000 | Syd |
| 0380 | Steel Sheet Piling, Temp, Left in Place | 7040003 | 800.000 | Sft |
| 0390 | Bridge Ltg, Furn and Rem | 7060001 | 1.000 | LSUM |
| 0400 | Bridge Ltg, Oper and Maintain | 7060002 | 40.000 | Cyd |
| 0410 | Reinforcement, Steel, Epoxy Coated | 7060092 | 10,116.000 | Lb |
| 0420 | Superstructure Conc | 7060110 | 32.000 | Cyd |
| 0430 | Superstructure Conc, Form, Finish, and Cure, Night Casting | 7060112 | 1.000 | LSUM |
| 0440 | Superstructure Conc, Night Casting | 7060113 | 40.000 | Cyd |
| 0450 | _ Reinforcement, Steel, Epoxy Coated Dowel | 7067001 | 1,567.000 | Ft |
| 0460 | _ Bridge, Prefabricated Superstructure, 65 foot | 7067051 | 1.000 | LSUM |
| 0470 | _ Superstructure Conc, Form, Finish, and Cure, SN 13938 | 7067051 | 1.000 | LSUM |
| 0480 | _ Superstructure Conc, Form, Finish, and Cure, SN 6928 | 7067051 | 1.000 | LSUM |
| 0490 | Bearing, Elastomeric, 3/4 inch | 7070011 | 1,584.000 | Sin |
| 0500 | Prest Conc Box Beam, Furn, 12 inch | 7080051 | 144.000 | Ft |
| 0510 | Prest Conc Box Beam, Erect, 12 inch | 7080052 | 144.000 | Ft |
| 0520 | Joint Waterproofing, Expansion | 7100003 | 168.000 | Sft |
| 0530 | Conc Surface Coating | 7100011 | 140.000 | Syd |
| 0540 | Bridge Railing, 2 Tube | 7110008 | 160.000 | Ft |
| 0550 | Epoxy Ovly | 7120020 | 260.000 | Syd |
| 0560 | _ Concrete Cap | 8047001 | 148.000 | Ft |
| 0570 | _ Block Units | 8047050 | 4,948.000 | Ea |
| 0580 | _ Riprap, Heavy, Modified | 8137011 | 565.000 | Syd |

**Schedule of Pay Items**

Report v1

Letting Call: 191004 005**Letting Date:** October 4, 2019**Contract ID:** 20000-119504-3

Description: 2.03 mi of hot mix asphalt resurfacing and pavement markings on South Wakeley Bridge Road from the Ausable River north to East North Down River Road, Crawford County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 119504A | 1800976 | N/A | STL 20000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$50,700.00 | 1500001 | 1.000 | LSUM |
| 0020 | HMA, 4E1 | 5010050 | 7,745.000 | Ton |
| 0030 | HMA Approach | 5010061 | 136.000 | Ton |
| 0040 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0050 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0060 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0070 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp | 8120231 | 2,680.000 | Ft |
| 0080 | Plastic Drum, High Intensity, Lighted, Furn | 8120260 | 214.000 | Ea |
| 0090 | Plastic Drum, High Intensity, Lighted, Oper | 8120261 | 214.000 | Ea |
| 0100 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 440.000 | Sft |
| 0110 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 440.000 | Sft |
| 0120 | Traf Regulator Control | 8120370 | 1.000 | LSUM |



Schedule of Pay Items

Report v1

Letting Call: 191004 006

Letting Date: October 4, 2019

Contract ID: 60021-119043

Description: 3.39 mi of hot mix asphalt crushing, shaping and resurfacing and full depth reconstruction for the installation of a weigh-in-motion device, concrete curb and gutter, culverts, sewer, drainage, guardrail and pavement markings on M-32 from west of Jerome Street to east of Haas Road, Montmorency County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 119043A | 1901053 | N/A | NH 60021 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$233,400.00 | 1500001 | 1.000 | LSUM |
| 0020 | _ Clearing, Special | 2017002 | 1.000 | Sta |
| 0030 | Tree, Rem, 19 inch to 36 inch | 2020002 | 1.000 | Ea |
| 0040 | Culv, Rem, 24 inch to 48 inch | 2030002 | 8.000 | Ea |
| 0050 | Culv, End, Rem, Less than 24 inch | 2030005 | 1.000 | Ea |
| 0060 | Curb and Gutter, Rem | 2040020 | 599.000 | Ft |
| 0070 | Guardrail, Rem | 2040035 | 915.000 | Ft |
| 0080 | Masonry and Conc Structure, Rem | 2040045 | 1.000 | Cyd |
| 0090 | Pavt, Rem | 2040050 | 11.000 | Syd |
| 0100 | _ Removal of Misc Appurtenances | 2047051 | 1.000 | LSUM |
| 0110 | Ditch Cleanout | 2050006 | 4.000 | Sta |
| 0120 | Embankment, LM | 2050011 | 350.000 | Cyd |
| 0130 | Excavation, Earth | 2050016 | 5,575.000 | Cyd |
| 0140 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 100.000 | Cyd |
| 0150 | Subgrade Undercutting, Type II | 2050041 | 2,500.000 | Cyd |
| 0160 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 1.000 | Ea |
| 0170 | Erosion Control, Maintenance, Sediment Removal | 2080026 | 5.000 | Cyd |
| 0180 | Erosion Control, Silt Fence | 2080036 | 12,640.000 | Ft |
| 0190 | Subbase, CIP | 3010002 | 3,445.000 | Cyd |
| 0200 | Aggregate Base | 3020001 | 2,100.000 | Ton |
| 0210 | HMA Base Crushing and Shaping | 3050002 | 75,215.000 | Syd |
| 0220 | Material, Surplus and Unsuitable, Rem, LM | 3050010 | 100.000 | Cyd |
| 0230 | Salv Crushed Material, LM | 3050015 | 200.000 | Cyd |
| 0240 | Maintenance Gravel | 3060020 | 500.000 | Ton |
| 0250 | Approach, CI I | 3070001 | 1,216.000 | Ton |
| 0260 | Approach, CI II | 3070021 | 586.000 | Ton |

| | | | | |
|------|---|---------|------------|-----|
| 0270 | Trenching | 3070200 | 340.000 | Sta |
| 0280 | _ Shoulder, CI II, Modified | 3077031 | 2,890.000 | Ton |
| 0290 | Culv End Sect, 15 inch | 4010015 | 4.000 | Ea |
| 0300 | Culv End Sect, 18 inch | 4010018 | 2.000 | Ea |
| 0310 | Culv End Sect, 24 inch | 4010024 | 2.000 | Ea |
| 0320 | Culv End Sect, 30 inch | 4010030 | 8.000 | Ea |
| 0330 | Culv End Sect, 36 inch | 4010036 | 2.000 | Ea |
| 0340 | Culv, CI A, 24 inch | 4010134 | 70.000 | Ft |
| 0350 | Culv, CI E, 15 inch | 4010540 | 66.000 | Ft |
| 0360 | Culv, CI F, 15 inch | 4010608 | 45.000 | Ft |
| 0370 | Culv, CI F, 18 inch | 4010609 | 30.000 | Ft |
| 0380 | Culv, CI F, 24 inch | 4010610 | 30.000 | Ft |
| 0390 | Culv, CI F, 30 inch | 4010611 | 102.000 | Ft |
| 0400 | Culv, CI F, 36 inch | 4010612 | 24.000 | Ft |
| 0410 | Culv, Slp End Sect, 1 on 4, 18 inch, Transv | 4010920 | 2.000 | Ea |
| 0420 | Culv, Slp End Sect, 1 on 6, 15 inch, Longit | 4010949 | 1.000 | Ea |
| 0430 | Dr Marker Post | 4011109 | 2.000 | Ea |
| 0440 | Sewer, CI E, 15 inch, Tr Det E | 4020691 | 8.000 | Ft |
| 0450 | Dr Structure Cover, Adj, Case 1 | 4030005 | 1.000 | Ea |
| 0460 | Underdrain, Subbase, 6 inch | 4040063 | 1,000.000 | Ft |
| 0470 | Underdrain, Subgrade, 6 inch | 4040073 | 600.000 | Ft |
| 0480 | Underdrain Outlet, 6 inch | 4040093 | 440.000 | Ft |
| 0490 | Underdrain, Outlet Ending, 6 inch | 4040113 | 6.000 | Ea |
| 0500 | Bump Grinding | 5010004 | 1,500.000 | Syd |
| 0510 | HMA Surface, Rem | 5010005 | 3,525.000 | Syd |
| 0520 | HMA Quality Initiative | 5010007 | 35,290.000 | Dlr |
| 0530 | Longitudinal Joint Density Quality Initiative | 5010018 | 42,831.000 | Dlr |
| 0540 | Hand Patching | 5010025 | 5.000 | Ton |
| 0550 | HMA, 3E1 | 5010044 | 835.000 | Ton |
| 0560 | HMA, 4E1 | 5010050 | 15,005.000 | Ton |
| 0570 | HMA Approach | 5010061 | 735.000 | Ton |
| 0580 | HMA, 4E1, High Stress | 5010508 | 1,065.000 | Ton |
| 0590 | _ Ride Incentive | 5017060 | 22,667.000 | Dlr |
| 0600 | Curb and Gutter, Conc, Det B2 | 8020016 | 1,008.000 | Ft |
| 0610 | Driveway Opening, Conc, Det M | 8020050 | 82.000 | Ft |
| 0620 | Guardrail, Type MGS-8 | 8070004 | 503.000 | Ft |
| 0630 | Guardrail, Curved, Type B | 8070010 | 139.000 | Ft |
| 0640 | Guardrail Approach Terminal, Type 2M | 8070044 | 4.000 | Ea |
| 0650 | Guardrail Departing Terminal, Type B | 8070050 | 4.000 | Ea |
| 0660 | Guardrail Reflector | 8070080 | 56.000 | Ea |
| 0670 | Post, Mailbox | 8070095 | 29.000 | Ea |
| 0680 | _ Guardrail Long Span, Det MGS-2 | 8077050 | 4.000 | Ea |
| 0690 | Delineator, Reflective Sheeting, 3 inch by 12 inch, Green | 8100144 | 14.000 | Ea |
| 0700 | Delineator, Reflective Sheeting, 3 inch by 12 inch, | 8100145 | 400.000 | Ea |

| White | | | | |
|-------|--|---------|------------|------|
| 0710 | Fdn, Wood Support, Rem | 8100280 | 26.000 | Ea |
| 0720 | Installing MDOT Supplied Sign, Type III | 8100302 | 8.000 | Ea |
| 0730 | Delineator, Rem | 8100349 | 14.000 | Ea |
| 0740 | Post, Flexible, Delineator | 8100360 | 214.000 | Ea |
| 0750 | Post, Steel, 3 lb | 8100371 | 1,110.000 | Ft |
| 0760 | Post, Wood, 4 inch by 6 inch | 8100380 | 165.000 | Ft |
| 0770 | Sign, Type II, Rem | 8100397 | 20.000 | Ea |
| 0780 | Sign, Type IIA | 8100398 | 95.000 | Sft |
| 0790 | Sign, Type IIB | 8100399 | 21.000 | Sft |
| 0800 | Sign, Type III, Erect, Salv | 8100402 | 2.000 | Ea |
| 0810 | Sign, Type III, Rem | 8100403 | 54.000 | Ea |
| 0820 | Sign, Type IIIA | 8100404 | 87.000 | Sft |
| 0830 | Sign, Type IIIB | 8100405 | 262.000 | Sft |
| 0840 | Sign, Type V, Rem | 8100421 | 1.000 | Ea |
| 0850 | Sign, Type VB | 8100425 | 69.000 | Sft |
| 0860 | Reflective Panel for Permanent Sign Support, 6 foot | 8100616 | 34.000 | Ea |
| 0870 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dir |
| 0880 | Recessing Pavt Mrkg, Longit | 8110450 | 51,920.000 | Ft |
| 0890 | Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White | 8110500 | 240.000 | Ft |
| 0900 | Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White | 8110501 | 35,780.000 | Ft |
| 0910 | Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow | 8110504 | 15,900.000 | Ft |
| 0920 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 12.000 | Ea |
| 0930 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 12.000 | Ea |
| 0940 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 300.000 | Ea |
| 0950 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 300.000 | Ea |
| 0960 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0970 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0980 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0990 | Pavt Mrkg Cover, Type R, Black | 8120200 | 2,000.000 | Ft |
| 1000 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 4,000.000 | Ft |
| 1010 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 4,000.000 | Ft |
| 1020 | PTS System, Temp, Furn | 8120270 | 1.000 | Ea |
| 1030 | PTS System, Temp, Oper | 8120271 | 1.000 | Ea |
| 1040 | Sign Cover | 8120310 | 10.000 | Ea |
| 1050 | Sign, Type A, Temp, Prismatic, Furn | 8120340 | 12.000 | Sft |
| 1060 | Sign, Type A, Temp, Prismatic, Oper | 8120341 | 12.000 | Sft |
| 1070 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 840.000 | Sft |
| 1080 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 840.000 | Sft |
| 1090 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 1100 | _ Turf Establishment, Performance, Special | 8167011 | 19,880.000 | Syd |
| 1110 | Monument Box | 8210001 | 15.000 | Ea |

| | | | | |
|------|--|---------|------------|----|
| 1120 | Monument Preservation | 8210010 | 15.000 | Ea |
| 1130 | Centerline Corrugations, Milled, HMA | 8220013 | 17,920.000 | Ft |
| 1140 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 35,780.000 | Ft |



Schedule of Pay Items

Report v1

Letting Call: 191004 007

Letting Date: October 4, 2019

Contract ID: 80023-124035

Description: 24.04 mi of tree and shrub removal and planting for wind screening on I-94 from the west Van Buren county line to the east Van Buren county line in the city of Hartford, villages of Lawrence, Mattawan, and Paw Paw, Van Buren County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 124035A | 1901060 | N/A | HSIP 80023 |
| 130045A | 1901067 | N/A | HSIP 80023 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$65,100.00 | 1500001 | 1.000 | LSUM |
| 0020 | Clearing | 2010001 | 34.000 | Acre |
| 0030 | Thinning, Selective, Type II | 2010006 | 4.000 | Acre |
| 0040 | Erosion Control, Sediment Trap | 2080034 | 70.000 | Ea |
| 0050 | Erosion Control, Silt Fence | 2080036 | 10,500.000 | Ft |
| 0060 | _ Permeable Runoff Structure | 2087001 | 1,075.000 | Ft |
| 0070 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 300.000 | Ea |
| 0080 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 300.000 | Ea |
| 0090 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0100 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0110 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0120 | Sign Cover | 8120310 | 10.000 | Ea |
| 0130 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 2.000 | Ea |
| 0140 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 2.000 | Ea |
| 0150 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 501.000 | Sft |
| 0160 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 501.000 | Sft |
| 0170 | Site Preparation, Max \$23,500.00 | 8150001 | 1.000 | LSUM |
| 0180 | Watering and Cultivating, First Season, Min \$11,400.00 | 8150002 | 1.000 | LSUM |
| 0190 | Watering and Cultivating, Second Season, Min \$14,000.00 | 8150003 | 1.000 | LSUM |
| 0200 | _ Picea abies, 18 inch to 24 inch, potted liner | 8157050 | 526.000 | Ea |
| 0210 | _ Picea omorika, 18 inch to 24 inch, potted liner | 8157050 | 500.000 | Ea |
| 0220 | _ Pinus heldreichii, 18 inch to 24 inch, potted liner | 8157050 | 948.000 | Ea |
| 0230 | _ Pinus nigra, 18 inch to 24 inch, potted liner | 8157050 | 952.000 | Ea |
| 0240 | _ Watering and Cultivating, Third Season, Min. \$13,500.00 | 8157051 | 1.000 | LSUM |

| | | | | |
|------|--|---------|-------------|------|
| 0250 | Fertilizer, Chemical Nutrient, CI B | 8160021 | 5,524.000 | Lb |
| 0260 | Mulch | 8160025 | 182,299.000 | Syd |
| 0270 | Mulch Anchoring | 8160026 | 182,299.000 | Syd |
| 0280 | Mulch Blanket | 8160027 | 20,255.000 | Syd |
| 0290 | Seeding, Mixture TDS | 8160037 | 10,128.000 | Lb |
| 0300 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0310 | Staking Plan Errors and Extras, One Person | 8240020 | 6.000 | Hr |
| 0320 | Staking Plan Errors and Extras, Two Person | 8240021 | 3.000 | Hr |
| 0330 | Staking Plan Errors and Extras, Three Person | 8240022 | 4.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 008

Letting Date: October 4, 2019

Contract ID: 13016-124061

Description: 13.43 mi of tree removal and drainage improvements along M-311 from M-60 to I-94BL (Michigan Avenue), Calhoun County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 124061A | 1901061 | N/A | HSIP 13016 |
| 124062A | 1901066 | N/A | HSIP 13016 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$62,500.00 | 1500001 | 1.000 | LSUM |
| 0020 | _ Clearing, Special | 2017002 | 709.000 | Sta |
| 0030 | Culv, Rem, Less than 24 inch | 2030001 | 3.000 | Ea |
| 0040 | Culv, End, Rem, Less than 24 inch | 2030005 | 1.000 | Ea |
| 0050 | Fence, Rem | 2040025 | 5,950.000 | Ft |
| 0060 | Pavt, Rem | 2040050 | 8.000 | Syd |
| 0070 | _ Post, Wood Guide, Rem | 2047050 | 20.000 | Ea |
| 0080 | Ditch Cleanout | 2050006 | 3.000 | Sta |
| 0090 | Aggregate, 6A | 2060001 | 2.000 | Cyd |
| 0100 | Erosion Control, Check Dam, Stone | 2080012 | 200.000 | Ft |
| 0110 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 3.000 | Ea |
| 0120 | Erosion Control, Maintenance, Sediment Removal | 2080026 | 30.000 | Cyd |
| 0130 | Erosion Control, Sediment Trap | 2080034 | 22.000 | Ea |
| 0140 | Erosion Control, Silt Fence | 2080036 | 12,586.000 | Ft |
| 0150 | _ Permeable Runoff Structure | 2087001 | 300.000 | Ft |
| 0160 | Aggregate Base, 6 inch | 3020016 | 56.000 | Syd |
| 0170 | Culv End Sect, 12 inch | 4010012 | 2.000 | Ea |
| 0180 | Culv, Slp End Sect, 1 on 4, 15 inch, Longit | 4010917 | 1.000 | Ea |
| 0190 | _ Culv End Sect, Grate, Modified | 4017050 | 2.000 | Ea |
| 0200 | Sewer, CI A, 12 inch, Tr Det E | 4020123 | 105.000 | Ft |
| 0210 | Sewer, CI A, 15 inch, Tr Det E | 4020124 | 26.000 | Ft |
| 0220 | Video Taping Sewer and Culv Pipe | 4021275 | 131.000 | Ft |
| 0230 | HMA Surface, Rem | 5010005 | 48.000 | Syd |
| 0240 | Hand Patching | 5010025 | 21.000 | Ton |
| 0250 | Conc, Grade S2 | 7060011 | 4.000 | Cyd |
| 0260 | Reinforcement, Steel, Culv and Headwall | 7060091 | 130.000 | Lb |
| 0270 | Driveway, Nonreinf Conc, 6 inch | 8010005 | 8.000 | Syd |

| | | | | |
|------|--|---------|------------|------|
| 0280 | Fence, Woven Wire with Steel Post | 8080002 | 1,375.000 | Ft |
| 0290 | Fence, Protective | 8080007 | 600.000 | Ft |
| 0300 | Post, Steel, 3 lb | 8100371 | 244.000 | Ft |
| 0310 | Sign, Type III, Rem | 8100403 | 24.000 | Ea |
| 0320 | Sign, Type IIIB | 8100405 | 146.000 | Sft |
| 0330 | Reflective Panel for Permanent Sign Support, 6 foot | 8100616 | 16.000 | Ea |
| 0340 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 20.000 | Ea |
| 0350 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 20.000 | Ea |
| 0360 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 200.000 | Ea |
| 0370 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 200.000 | Ea |
| 0380 | Lighted Arrow, Type C, Furn | 8120140 | 4.000 | Ea |
| 0390 | Lighted Arrow, Type C, Oper | 8120141 | 4.000 | Ea |
| 0400 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0410 | Sign Cover | 8120310 | 40.000 | Ea |
| 0420 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,296.000 | Sft |
| 0430 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,296.000 | Sft |
| 0440 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0450 | Riprap, Plain | 8130010 | 4.000 | Syd |
| 0460 | Site Preparation, Max \$17,000.00 | 8150001 | 1.000 | LSUM |
| 0470 | Watering and Cultivating, First Season, Min \$9,200.00 | 8150002 | 1.000 | LSUM |
| 0480 | Watering and Cultivating, Second Season, Min \$11,500.00 | 8150003 | 1.000 | LSUM |
| 0490 | Acer rubrum Red Sunset, 1 3/4 inch | 8150144 | 16.000 | Ea |
| 0500 | Acer saccharum Green Mountain, 1 3/4 inch | 8150185 | 25.000 | Ea |
| 0510 | Amelanchier x grandifolia Robin Hill, 1 1/2 inch | 8150333 | 12.000 | Ea |
| 0520 | Betula nigra Heritage, clump form, 7 foot | 8150530 | 17.000 | Ea |
| 0530 | Crataegus crusgalli Inermis, tree form, 1 1/2 inch | 8151130 | 14.000 | Ea |
| 0540 | Gymnocladus dioicus, 1 3/4 inch | 8151675 | 10.000 | Ea |
| 0550 | Malus Indian Magic, 1 1/2 inch | 8152310 | 16.000 | Ea |
| 0560 | Picea abies, 5 foot | 8152741 | 26.000 | Ea |
| 0570 | Picea pungens, 5 foot | 8152801 | 5.000 | Ea |
| 0580 | Quercus palustris, 1 3/4 inch | 8153097 | 15.000 | Ea |
| 0590 | Quercus rubra, 1 3/4 inch | 8153125 | 17.000 | Ea |
| 0600 | _ Boulder, Relocate | 8157050 | 34.000 | Ea |
| 0610 | Fertilizer, Chemical Nutrient, CI A | 8160020 | 2,143.000 | Lb |
| 0620 | Seeding, Mixture THV | 8160040 | 2,673.000 | Lb |
| 0630 | _ Mulch Blanket, Modified | 8167011 | 58,439.000 | Syd |
| 0640 | _ Slope Restoration, Bonded Fiber Matrix | 8167011 | 81,491.000 | Syd |
| 0650 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0660 | Staking Plan Errors and Extras, One Person | 8240020 | 5.000 | Hr |
| 0670 | Staking Plan Errors and Extras, Two Person | 8240021 | 2.000 | Hr |
| 0680 | Staking Plan Errors and Extras, Three Person | 8240022 | 3.000 | Hr |
| 0690 | _ Railroad Protection, at Grade Crossing | 8507060 | 1.000 | Dlr |



Schedule of Pay Items

Report v1

Letting Call: 191004 009

Letting Date: October 4, 2019

Contract ID: 61075-122641

Description: 6.13 mi of hot mix asphalt cold milling and resurfacing, extending lane and median shoulder pavement widening, guardrail, and pavement markings on US-31 from north of M-46 north to C&O Railroad in the city of Muskegon, Muskegon County. This project includes one 3 year and two 5 year materials and workmanship pavement warranties.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 122641A | 1901074 | N/A | HSIP 61075 |
| 126477A | 1901076 | N/A | CM 61075 |
| 201192A | N/A | N/A | M 61075 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$715,900.00 | 1500001 | 1.000 | LSUM |
| 0020 | Clearing | 2010001 | 0.130 | Acre |
| 0030 | Tree, Rem, 6 inch to 18 inch | 2020004 | 2.000 | Ea |
| 0040 | Excavation, Earth | 2050016 | 3,747.000 | Cyd |
| 0050 | Subgrade Undercutting, Type II | 2050041 | 350.000 | Cyd |
| 0060 | _ Berm Grading | 2057002 | 20.000 | Sta |
| 0070 | _ Embankment, CIP, Special | 2057021 | 1,606.000 | Cyd |
| 0080 | Erosion Control, Check Dam, Stone | 2080012 | 90.000 | Ft |
| 0090 | Erosion Control, Maintenance, Sediment Removal | 2080026 | 20.000 | Cyd |
| 0100 | Erosion Control, Sediment Trap | 2080034 | 6.000 | Ea |
| 0110 | Erosion Control, Silt Fence | 2080036 | 2,371.000 | Ft |
| 0120 | Aggregate Base, 6 inch | 3020016 | 8,398.000 | Syd |
| 0130 | Trenching | 3070200 | 98.000 | Sta |
| 0140 | _ Shoulder, CI II, Modified | 3077031 | 8,926.000 | Ton |
| 0150 | Culv, Downspout, 15 inch | 4010796 | 150.000 | Ft |
| 0160 | Cold Milling HMA Surface | 5010002 | 327,090.000 | Syd |
| 0170 | Bump Grinding | 5010004 | 1,100.000 | Syd |
| 0180 | HMA Surface, Rem | 5010005 | 4,954.000 | Syd |
| 0190 | HMA Quality Initiative | 5010007 | 125,096.000 | Dlr |
| 0200 | Longitudinal Joint Density Quality Initiative | 5010018 | 133,900.000 | Dlr |
| 0210 | HMA, 4E10 | 5010052 | 23,039.000 | Ton |
| 0220 | HMA, 5E10 | 5010058 | 26,092.000 | Ton |
| 0230 | HMA Approach | 5010061 | 384.000 | Ton |
| 0240 | HMA, LVSP | 5010703 | 13,033.000 | Ton |
| 0250 | _ Ride Incentive | 5017060 | 88,666.000 | Dlr |

| | | | | |
|------|--|---------|-------------|------|
| 0260 | Conc, Grade S2 | 7060011 | 3.000 | Cyd |
| 0270 | Reinforcement, Steel, Epoxy Coated | 7060092 | 138.000 | Lb |
| 0280 | _ Pavt Sensor, Invasive Condition, Replacement | 8007050 | 2.000 | Ea |
| 0290 | _ Subsurface Temperature Probe Replacement | 8007050 | 2.000 | Ea |
| 0300 | Downspout Header, Conc | 8020070 | 3.000 | Ea |
| 0310 | Curb Sloped, HMA | 8050010 | 2,560.000 | Ft |
| 0320 | Guardrail, Type MGS-8 | 8070004 | 388.000 | Ft |
| 0330 | Guardrail Approach Terminal, Type 2M | 8070044 | 2.000 | Ea |
| 0340 | Guardrail Departing Terminal, Type MGS | 8070052 | 2.000 | Ea |
| 0350 | Guardrail, Salv | 8070075 | 2,560.000 | Ft |
| 0360 | Guardrail Reflector | 8070080 | 10.000 | Ea |
| 0370 | Guardrail, Reconst, Type T | 8070109 | 2,560.000 | Ft |
| 0380 | Delineator, Reflective Sheeting, 3 inch by 12 inch, Green | 8100144 | 4.000 | Ea |
| 0390 | Delineator, Reflective Sheeting, 3 inch by 12 inch, White | 8100145 | 4.000 | Ea |
| 0400 | Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow | 8100146 | 18.000 | Ea |
| 0410 | Delineator, Rem | 8100349 | 8.000 | Ea |
| 0420 | Post, Flexible, Delineator | 8100360 | 4.000 | Ea |
| 0430 | Post, Rigid, Delineator | 8100361 | 22.000 | Ea |
| 0440 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 3.000 | Ea |
| 0450 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 5.000 | Ea |
| 0460 | Pavt Mrkg, Polyurea, 4 inch, White | 8110091 | 27,149.000 | Ft |
| 0470 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | 8110093 | 130.000 | Ft |
| 0480 | Pavt Mrkg, Polyurea, 6 inch, White | 8110094 | 82,620.000 | Ft |
| 0490 | Pavt Mrkg, Polyurea, 6 inch, Yellow | 8110095 | 86,547.000 | Ft |
| 0500 | Pavt Mrkg, Polyurea, 12 inch, White | 8110111 | 10,501.000 | Ft |
| 0510 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 91.000 | Ft |
| 0520 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0530 | Recessing Pavt Mrkg, Longit | 8110450 | 206,947.000 | Ft |
| 0540 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000 | Ea |
| 0550 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 4.000 | Ea |
| 0560 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 1,000.000 | Ea |
| 0570 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 1,000.000 | Ea |
| 0580 | Lighted Arrow, Type C, Furn | 8120140 | 3.000 | Ea |
| 0590 | Lighted Arrow, Type C, Oper | 8120141 | 3.000 | Ea |
| 0600 | Ltg for Night Work | 8120160 | 1.000 | LSUM |
| 0610 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0620 | Mobile Attenuator | 8120180 | 1.000 | Ea |
| 0630 | Sign Cover | 8120310 | 4.000 | Ea |
| 0640 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 8.000 | Ea |
| 0650 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 8.000 | Ea |

| | | | | |
|------|--|---------|------------|------|
| 0660 | Sign, Type A, Temp, Prismatic, Furn | 8120340 | 32.000 | Sft |
| 0670 | Sign, Type A, Temp, Prismatic, Oper | 8120341 | 32.000 | Sft |
| 0680 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 746.000 | Sft |
| 0690 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 746.000 | Sft |
| 0700 | Riprap, Plain | 8130010 | 50.000 | Syd |
| 0710 | _ HMA Spillway | 8147011 | 160.000 | Syd |
| 0720 | _ Slope Restoration, Bonded Fiber Matrix | 8167011 | 10,466.000 | Syd |
| 0730 | Shoulder Corrugations, Ground or Cut, HMA | 8220001 | 87,965.000 | Ft |
| 0740 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0750 | Staking Plan Errors and Extras, One Person | 8240020 | 59.000 | Hr |
| 0760 | Staking Plan Errors and Extras, Two Person | 8240021 | 24.000 | Hr |
| 0770 | Staking Plan Errors and Extras, Three Person | 8240022 | 35.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 010

Letting Date: October 4, 2019

Contract ID: 51021-37904

Description: 7.62 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb and gutter, drainage and pavement markings on M-55 from east of Claybank Road to Udell Hills Road, Manistee County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 37904A | 1901063 | N/A | ST 51021 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$335,500.00 | 1500001 | 1.000 | LSUM |
| 0020 | Curb and Gutter, Rem | 2040020 | 450.000 | Ft |
| 0030 | Embankment, LM | 2050011 | 500.000 | Cyd |
| 0040 | Excavation, Earth | 2050016 | 500.000 | Cyd |
| 0050 | Subgrade Undercutting, Type II | 2050041 | 500.000 | Cyd |
| 0060 | Erosion Control, Gravel Access Approach | 2080016 | 2.000 | Ea |
| 0070 | Erosion Control, Maintenance, Sediment Removal | 2080026 | 10.000 | Cyd |
| 0080 | Erosion Control, Silt Fence | 2080036 | 500.000 | Ft |
| 0090 | HMA Base Crushing and Shaping | 3050002 | 138,800.000 | Syd |
| 0100 | Approach, CI I | 3070001 | 950.000 | Ton |
| 0110 | Approach, CI II | 3070021 | 950.000 | Ton |
| 0120 | Shoulder, CI II | 3070121 | 15,838.000 | Ton |
| 0130 | Underdrain, Subbase, 6 inch | 4040063 | 200.000 | Ft |
| 0140 | Underdrain Outlet, 6 inch | 4040093 | 20.000 | Ft |
| 0150 | Underdrain, Outlet Ending, 6 inch | 4040113 | 1.000 | Ea |
| 0160 | HMA Quality Initiative | 5010007 | 64,000.000 | Dlr |
| 0170 | Longitudinal Joint Density Quality Initiative | 5010018 | 80,180.000 | Dlr |
| 0180 | HMA, 4E1 | 5010050 | 30,000.000 | Ton |
| 0190 | HMA Approach | 5010061 | 2,000.000 | Ton |
| 0200 | _ Ride Incentive | 5017060 | 62,362.000 | Dlr |
| 0210 | Curb and Gutter, Conc, Det B2 | 8020016 | 2,100.000 | Ft |
| 0220 | Post, Mailbox | 8070095 | 100.000 | Ea |
| 0230 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 10,500.000 | Ft |
| 0240 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 81,000.000 | Ft |
| 0250 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 10,500.000 | Ft |
| 0260 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 81,000.000 | Ft |
| 0270 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |

| | | | | |
|------|---|---------|------------|------|
| 0280 | Recessing Pavt Mrkg, Longit | 8110450 | 81,000.000 | Ft |
| 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 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 3,300.000 | Ft |
| 0330 | Plastic Drum, Fluorescent, Furn | 8120252 | 150.000 | Ea |
| 0340 | Plastic Drum, Fluorescent, Oper | 8120253 | 150.000 | Ea |
| 0350 | Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional | 8120281 | 6,000.000 | Ea |
| 0360 | Sign Cover | 8120310 | 5.000 | Ea |
| 0370 | Sign, Portable, Changeable Message, Furn | 8120330 | 2.000 | Ea |
| 0380 | Sign, Portable, Changeable Message, Oper | 8120331 | 2.000 | Ea |
| 0390 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 720.000 | Sft |
| 0400 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 720.000 | Sft |
| 0410 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0420 | Riprap, Plain | 8130010 | 10.000 | Syd |
| 0430 | Paved Ditch, HMA | 8140010 | 10.000 | Syd |
| 0440 | Fertilizer, Chemical Nutrient, CI A | 8160020 | 102.000 | Lb |
| 0450 | Mulch Blanket | 8160027 | 2,800.000 | Syd |
| 0460 | Seeding, Mixture TDS | 8160037 | 127.000 | Lb |
| 0470 | Topsoil Surface, Furn, 3 inch | 8160061 | 2,800.000 | Syd |
| 0480 | _ Mulch Blanket, Modified | 8167011 | 200.000 | Syd |
| 0490 | Monument Box | 8210001 | 7.000 | Ea |
| 0500 | Monument Preservation | 8210010 | 7.000 | Ea |
| 0510 | Centerline Corrugations, Milled, HMA | 8220013 | 40,500.000 | Ft |



Schedule of Pay Items

Report v1

Letting Call: 191004 011

Letting Date: October 4, 2019

Contract ID: 14041-203694

Description: 25.32 mi of overband crack filling pre-treatment, single and double course chip sealing and pavement markings on M-217 from the Michigan/Indiana state line northerly to US-12, on M-62 from the Michigan/Indiana state line northerly to north of US-12, on US-12 from east of Frantz Drive easterly to west of the Edwardsburg village limits, on US-12 from M-62 easterly to east of East Shore Road, on US-12 from east of Union Road easterly to the St. Joseph River and on M-40 from US-12 northerly to north of M-60 in the village of Edwardsburg, Cass County. This project includes two 2 year pavement performance warranties.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203694A | 1901084 | N/A | ST 14041 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$247,200.00 | 1500001 | 1.000 | LSUM |
| 0020 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 37.000 | Ea |
| 0030 | Shoulder, CI II | 3070121 | 7,986.000 | Ton |
| 0040 | Cold Milling HMA Surface | 5010002 | 8,768.000 | Syd |
| 0050 | HMA Quality Initiative | 5010007 | 2,780.000 | Dlr |
| 0060 | Hand Patching | 5010025 | 1,390.000 | Ton |
| 0070 | Overband Crack Fill, Lane | 5020003 | 59.000 | Lnmi |
| 0080 | Chip Seal, Double, Warranty | 5050020 | 124,870.000 | Syd |
| 0090 | Chip Seal, Single, Warranty | 5050040 | 490,820.000 | Syd |
| 0100 | _ Seal, Fog | 5057011 | 490,820.000 | Syd |
| 0110 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 138.000 | Ft |
| 0120 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White | 8110039 | 294.000 | Ft |
| 0130 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar | 8110045 | 338.000 | Ft |
| 0140 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 23.000 | Ea |
| 0150 | Pavt Mrkg, Ovly Cold Plastic, Only | 8110068 | 7.000 | Ea |
| 0160 | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym | 8110069 | 1.000 | Ea |
| 0170 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 18.000 | Ea |
| 0180 | Pavt Mrkg, Ovly Cold Plastic, Rt, Thru and Lt Turn Arrow | 8110073 | 1.000 | Ea |
| 0190 | Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym | 8110078 | 2.000 | Ea |
| 0200 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 11,790.000 | Ft |
| 0210 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 195,510.000 | Ft |
| 0220 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 259,550.000 | Ft |
| 0230 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 11,790.000 | Ft |

| | | | | |
|------|--|---------|-------------|------|
| 0240 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 195,510.000 | Ft |
| 0250 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 259,550.000 | Ft |
| 0260 | Rem Spec Mrkg | 8110343 | 2,140.000 | Sft |
| 0270 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0280 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 470.000 | Ea |
| 0290 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 470.000 | Ea |
| 0300 | Lighted Arrow, Type C, Furn | 8120140 | 4.000 | Ea |
| 0310 | Lighted Arrow, Type C, Oper | 8120141 | 4.000 | Ea |
| 0320 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0330 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar | 8120265 | 12.000 | Ft |
| 0340 | Raised Pavt Marker, Temp, Type 1, White, Monodirectional | 8120280 | 491.000 | Ea |
| 0350 | Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional | 8120281 | 4,093.000 | Ea |
| 0360 | Sign Cover | 8120310 | 14.000 | Ea |
| 0370 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,982.000 | Sft |
| 0380 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,982.000 | Sft |
| 0390 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0400 | Monument Box | 8210001 | 3.000 | Ea |
| 0410 | Monument Box Adjust | 8210005 | 9.000 | Ea |
| 0420 | Monument Preservation | 8210010 | 1.000 | Ea |
| 0430 | Protect Corners | 8210020 | 16.000 | Ea |
| 0440 | Centerline Corrugations, Milled, HMA | 8220013 | 73,814.000 | Ft |
| 0450 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 62,600.000 | Ft |
| 0460 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0470 | Staking Plan Errors and Extras, One Person | 8240020 | 20.000 | Hr |
| 0480 | Staking Plan Errors and Extras, Two Person | 8240021 | 8.000 | Hr |
| 0490 | Staking Plan Errors and Extras, Three Person | 8240022 | 12.000 | Hr |
| 0500 | _ Railroad Protection, at Grade Crossing | 8507060 | 5,200.000 | Dlr |



Schedule of Pay Items

Report v1

Letting Call: 191004 012

Letting Date: October 4, 2019

Contract ID: 53033-123206

Description: 3.74 mi of hot mix asphalt cold milling and resurfacing, aggregate base, drainage and pavement markings on US-31 from US-10 north to Sugar Grove Road, Mason County. This project includes a 5 year materials and workmanship pavement warranty. This is a Project Plan PDF Pilot project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 123206A | 1901081 | N/A | NH 53033 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$240,000.00 | 1500001 | 1.000 | LSUM |
| 0020 | Clearing | 2010001 | 0.120 | Acre |
| 0030 | Tree, Rem, 6 inch to 18 inch | 2020004 | 6.000 | Ea |
| 0040 | Culv, Rem, Less than 24 inch | 2030001 | 27.000 | Ea |
| 0050 | Culv, Rem, 24 inch to 48 inch | 2030002 | 3.000 | Ea |
| 0060 | Dr Structure, Rem | 2030011 | 1.000 | Ea |
| 0070 | Curb and Gutter, Rem | 2040020 | 635.000 | Ft |
| 0080 | Fence, Rem | 2040025 | 3,400.000 | Ft |
| 0090 | Sidewalk, Rem | 2040055 | 62.000 | Syd |
| 0100 | Ditch Cleanout | 2050006 | 34.000 | Sta |
| 0110 | Excavation, Earth | 2050016 | 3,837.000 | Cyd |
| 0120 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 300.000 | Cyd |
| 0130 | _ Berm Grading | 2057002 | 80.000 | Sta |
| 0140 | _ Embankment, CIP, Special | 2057021 | 821.000 | Cyd |
| 0150 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 1.000 | Ea |
| 0160 | Erosion Control, Silt Fence | 2080036 | 4,220.000 | Ft |
| 0170 | Project Cleanup | 2090001 | 1.000 | LSUM |
| 0180 | Subbase, CIP | 3010002 | 288.000 | Cyd |
| 0190 | Aggregate Base | 3020001 | 450.000 | Ton |
| 0200 | Aggregate Base, 6 inch | 3020016 | 1,756.000 | Syd |
| 0210 | Aggregate Base, Conditioning | 3020050 | 4,000.000 | Syd |
| 0220 | Approach, CI II, 6 inch | 3070028 | 263.000 | Syd |
| 0230 | Shoulder, CI II | 3070121 | 246.000 | Ton |
| 0240 | Culv End Sect, 12 inch | 4010012 | 1.000 | Ea |
| 0250 | Culv, CI A, 12 inch | 4010131 | 56.000 | Ft |
| 0260 | Culv, CI A, 15 inch | 4010132 | 51.000 | Ft |
| 0270 | Culv, CI A, 18 inch | 4010133 | 121.000 | Ft |

| | | | | |
|------|---|---------|-------------|------|
| 0280 | Culv, CI A, 24 inch | 4010134 | 72.000 | Ft |
| 0290 | Culv, CI A, Conc, 15 inch | 4010166 | 102.000 | Ft |
| 0300 | Culv, CI A, Conc, 18 inch | 4010167 | 249.000 | Ft |
| 0310 | Culv, CI A, Conc, 24 inch | 4010168 | 192.000 | Ft |
| 0320 | Culv, CI F, 15 inch | 4010608 | 778.000 | Ft |
| 0330 | Culv, CI F, 18 inch | 4010609 | 103.000 | Ft |
| 0340 | Culv, Slp End Sect, 1 on 4, 15 inch, Longit | 4010917 | 2.000 | Ea |
| 0350 | Culv, Slp End Sect, 1 on 4, 15 inch, Transv | 4010918 | 2.000 | Ea |
| 0360 | Culv, Slp End Sect, 1 on 4, 18 inch, Longit | 4010919 | 2.000 | Ea |
| 0370 | Culv, Slp End Sect, 1 on 4, 18 inch, Transv | 4010920 | 6.000 | Ea |
| 0380 | Culv, Slp End Sect, 1 on 4, 24 inch, Longit | 4010923 | 2.000 | Ea |
| 0390 | Culv, Slp End Sect, 1 on 4, 24 inch, Transv | 4010924 | 4.000 | Ea |
| 0400 | Culv, Slp End Sect, 1 on 6, 15 inch, Longit | 4010949 | 36.000 | Ea |
| 0410 | Culv, Slp End Sect, 1 on 6, 18 inch, Longit | 4010951 | 6.000 | Ea |
| 0420 | Dr Marker Post | 4011109 | 12.000 | Ea |
| 0430 | _ Culvert Cleanout | 4017001 | 50.000 | Ft |
| 0440 | Dr Structure Cover, Type G | 4030040 | 1.000 | Ea |
| 0450 | _ Monitoring Well, Adjust | 4037050 | 1.000 | Ea |
| 0460 | Pavt, Cleaning | 5010001 | 1.000 | LSUM |
| 0470 | Cold Milling HMA Surface | 5010002 | 95,148.000 | Syd |
| 0480 | Bump Grinding | 5010004 | 242.000 | Syd |
| 0490 | HMA Surface, Rem | 5010005 | 1,756.000 | Syd |
| 0500 | HMA Quality Initiative | 5010007 | 39,014.000 | Dlr |
| 0510 | Longitudinal Joint Density Quality Initiative | 5010018 | 118,388.000 | Dlr |
| 0520 | Hand Patching | 5010025 | 200.000 | Ton |
| 0530 | HMA, 4E1 | 5010050 | 6,180.000 | Ton |
| 0540 | HMA, 5E1 | 5010056 | 4,790.000 | Ton |
| 0550 | HMA Approach | 5010061 | 1,127.000 | Ton |
| 0560 | HMA, LVSP | 5010703 | 7,210.000 | Ton |
| 0570 | _ Ride Incentive | 5017060 | 26,308.000 | Dlr |
| 0580 | Curb and Gutter, Conc, Det B2 | 8020016 | 803.000 | Ft |
| 0590 | Post, Mailbox | 8070095 | 48.000 | Ea |
| 0600 | Fence, Woven Wire with Steel Post | 8080002 | 3,400.000 | Ft |
| 0610 | Delineator Reflector, Green | 8100133 | 12.000 | Ea |
| 0620 | Delineator Reflector, White | 8100134 | 48.000 | Ea |
| 0630 | Delineator, Rem | 8100349 | 44.000 | Ea |
| 0640 | Post, Rigid, Delineator | 8100361 | 48.000 | Ea |
| 0650 | Post, Steel, 3 lb | 8100371 | 256.000 | Ft |
| 0660 | Sign, Type II, Rem | 8100397 | 8.000 | Ea |
| 0670 | Sign, Type III, Erect, Salv | 8100402 | 8.000 | Ea |
| 0680 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 2.000 | Ea |
| 0690 | Pavt Mrkg, Polyurea, 4 inch, White | 8110091 | 635.000 | Ft |
| 0700 | Pavt Mrkg, Polyurea, 4 inch, Yellow | 8110092 | 17,708.000 | Ft |
| 0710 | Pavt Mrkg, Polyurea, 6 inch, White | 8110094 | 40,208.000 | Ft |
| 0720 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 32.000 | Ft |

| | | | | |
|------|--|---------|------------|------|
| 0730 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dir |
| 0740 | Recessing Pavt Mrkg, Longit | 8110450 | 58,551.000 | Ft |
| 0750 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 36.000 | Ea |
| 0760 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 36.000 | Ea |
| 0770 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 265.000 | Ea |
| 0780 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 265.000 | Ea |
| 0790 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0800 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0810 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0820 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 1,416.000 | Ft |
| 0830 | Sign Cover | 8120310 | 4.000 | Ea |
| 0840 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 3.000 | Ea |
| 0850 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 3.000 | Ea |
| 0860 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 725.000 | Sft |
| 0870 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 725.000 | Sft |
| 0880 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0890 | Riprap, Plain | 8130010 | 45.000 | Syd |
| 0900 | Slope Restoration, Type A | 8160100 | 2,780.000 | Syd |
| 0910 | Slope Restoration, Type B | 8160101 | 4,778.000 | Syd |
| 0920 | Monument Box | 8210001 | 6.000 | Ea |
| 0930 | Centerline Corrugations, Milled, HMA | 8220013 | 19,917.000 | Ft |
| 0940 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 39,833.000 | Ft |
| 0950 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0960 | Staking Plan Errors and Extras, One Person | 8240020 | 17.000 | Hr |
| 0970 | Staking Plan Errors and Extras, Two Person | 8240021 | 7.000 | Hr |
| 0980 | Staking Plan Errors and Extras, Three Person | 8240022 | 10.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 013

Letting Date: October 4, 2019

Contract ID: 64812-131807

Description: Penetrating healer/sealer on bridge deck, deck patching, joint and pin and hanger replacement, full painting and steel repair on Old US-31 over the Pentwater River, Oceana County. This project includes a 2 year bridge coating warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 131807A | 1901082 | N/A | ST 64012 |

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 | 17,500.000 | Dlr |
| 0060 | Mobilization, Max \$129,600.00 | 1500001 | 1.000 | LSUM |
| 0070 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow | 8110109 | 200.000 | Ft |
| 0080 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 4,540.000 | Ft |
| 0090 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 2,940.000 | Ft |
| 0100 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 4,540.000 | Ft |
| 0110 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 2,940.000 | Ft |
| 0120 | Rem Curing Compound, for Longit Mrkg, 4 inch | 8110307 | 4,540.000 | Ft |
| 0130 | Rem Curing Compound, for Longit Mrkg, 6 inch | 8110308 | 2,940.000 | Ft |
| 0140 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0150 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 3.000 | Ea |
| 0160 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 3.000 | Ea |
| 0170 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0180 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0190 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0200 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 7,480.000 | Ft |
| 0210 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem | 8120211 | 200.000 | Ft |
| 0220 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 7,120.000 | Ft |
| 0230 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 7,120.000 | Ft |
| 0240 | Plastic Drum, Fluorescent, Furn | 8120252 | 32.000 | Ea |
| 0250 | Plastic Drum, Fluorescent, Oper | 8120253 | 32.000 | Ea |

| | | | | |
|------|---|---------|---------|------|
| 0260 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 2.000 | Ea |
| 0270 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 2.000 | Ea |
| 0280 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 320.000 | Sft |
| 0290 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 320.000 | Sft |
| 0300 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0310 | Contractor Staking | 8240001 | 1.000 | LSUM |
| 0320 | Staking Plan Errors and Extras, One Person | 8240020 | 13.000 | Hr |
| 0330 | Staking Plan Errors and Extras, Two Person | 8240021 | 5.000 | Hr |
| 0340 | Staking Plan Errors and Extras, Three Person | 8240022 | 8.000 | Hr |

Section: 2

| | | | | |
|------|---|---------|------------|------|
| 0350 | HMA Patch, Rem | 5010006 | 1.000 | Syd |
| 0360 | Conc, Grade D | 7060010 | 24.000 | Cyd |
| 0370 | Expansion Joint Device | 7060050 | 126.000 | Ft |
| 0380 | False Decking | 7060060 | 1,894.000 | Sft |
| 0390 | Reinforcement, Steel, Epoxy Coated | 7060092 | 9,518.000 | Lb |
| 0400 | Bushing | 7070030 | 32.000 | Ea |
| 0410 | Penetrating Healer/Sealer, Bridge Deck | 7100025 | 1,798.000 | Syd |
| 0420 | Hand Chipping, Shallow | 7120003 | 10.000 | Syd |
| 0430 | Hand Chipping, Deep | 7120004 | 10.000 | Syd |
| 0440 | Structures, Rehabilitation, Rem Portions (B01 of 64012) | 7120070 | 1.000 | LSUM |
| 0450 | Deck Joint, Rem | 7120071 | 126.000 | Ft |
| 0460 | Patching Conc, C-L | 7120112 | 3.000 | Cyd |
| 0470 | Embedded Galvanic Anode | 7120120 | 137.000 | Ea |
| 0480 | Beam Plate, Seal Perimeter | 7130010 | 29,813.000 | Ft |
| 0490 | Cutting Beam Ends, Simple Span | 7130020 | 8.000 | Ea |
| 0500 | Hanger Assembly, Field Measurement | 7130030 | 8.000 | Ea |
| 0510 | Hanger Assembly, Rem and Erect | 7130031 | 8.000 | Ea |
| 0520 | Structural Steel, Furn and Fab, Pin and Hanger | 7130070 | 4,170.000 | Lb |
| 0530 | Structural Steel, Retrofit, Furn, Fab, and Erect | 7130071 | 388.000 | Lb |
| 0540 | Support, Suspension, Temp | 7130082 | 8.000 | Ea |
| 0550 | _ Beam Ends, Pin Plate Cutting | 7137050 | 4.000 | Ea |
| 0560 | _ Field Welding Structural Steel (B01 of 64012) | 7137051 | 1.000 | LSUM |
| 0570 | Steel Structure, Cleaning, Type 4 (B01 of 64012) | 7150045 | 1.000 | LSUM |
| 0580 | Steel Structure, Coating, Type 4 (B01 of 64012) | 7150046 | 1.000 | LSUM |
| 0590 | Field Repair of Damaged Coating (B01 of 64012) | 7160001 | 1.000 | LSUM |
| 0600 | Drain Casting Assembly | 7170010 | 4.000 | Ea |



Schedule of Pay Items

Report v1

Letting Call: 191004 014

Letting Date: October 4, 2019

Contract ID: 59012-205803

Description: Deck patching, epoxy overlay, pin and hanger replacement, partial cleaning and coating of structural steel, expansion joint replacement, approach reconstruction and substructure and railing patching on US-131 under Cannonsville Road and Dagget Road, Montcalm County. This project includes a 5 year materials and workmanship pavement warranty and a 5 year performance warranty on thin epoxy bridge deck overlay.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205803A | 1901078 | N/A | NH 59012 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$119,100.00 | 1500001 | 1.000 | LSUM |
| 0020 | Masonry and Conc Structure, Rem | 2040045 | 4.000 | Cyd |
| 0030 | Embankment, CIP | 2050010 | 130.000 | Cyd |
| 0040 | Excavation, Earth | 2050016 | 356.000 | Cyd |
| 0050 | _ Exploratory Excavation | 2057001 | 50.000 | Ft |
| 0060 | Subbase, CIP | 3010002 | 144.000 | Cyd |
| 0070 | Aggregate Base, 6 inch | 3020016 | 497.000 | Syd |
| 0080 | Underdrain, Subbase, 6 inch | 4040063 | 220.000 | Ft |
| 0090 | Underdrain Outlet, 6 inch | 4040093 | 120.000 | Ft |
| 0100 | Underdrain, Outlet Ending, 6 inch | 4040113 | 8.000 | Ea |
| 0110 | HMA Surface, Rem | 5010005 | 511.000 | Syd |
| 0120 | HMA Quality Initiative | 5010007 | 16.000 | Dlr |
| 0130 | Hand Patching | 5010025 | 8.000 | Ton |
| 0140 | Conc Pavt, Curing Horizontal Surfaces | 6020159 | 411.000 | Syd |
| 0150 | Joint, Expansion, E3 | 6020208 | 164.000 | Ft |
| 0160 | Conc Pavt, Bridge Approach, Reinf | 6020600 | 411.000 | Syd |
| 0170 | Lane Tie, Epoxy Anchored | 6030030 | 74.000 | Ea |
| 0180 | Guardrail, Type B | 8070000 | 1,200.000 | Ft |
| 0190 | Guardrail, Type MGS-8 | 8070004 | 750.000 | Ft |
| 0200 | Guardrail, Backed, Det G1 | 8070015 | 2.000 | Ea |
| 0210 | Guardrail Anch, Bridge, Det T5 | 8070026 | 8.000 | Ea |
| 0220 | Guardrail Approach Terminal, Type 1B | 8070040 | 8.000 | Ea |
| 0230 | Guardrail Approach Terminal, Type 2M | 8070044 | 2.000 | Ea |
| 0240 | Guardrail Departing Terminal, Type MGS | 8070052 | 2.000 | Ea |
| 0250 | Guardrail, Salv | 8070075 | 1,371.000 | Ft |
| 0260 | Guardrail Reflector | 8070080 | 88.000 | Ea |

| | | | | |
|------|--|---------|-----------|------|
| 0270 | Delineator Reflector, Green | 8100133 | 12.000 | Ea |
| 0280 | Delineator, Rem | 8100349 | 8.000 | Ea |
| 0290 | Post, Rigid, Delineator | 8100361 | 12.000 | Ea |
| 0300 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 2,100.000 | Ft |
| 0310 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 2,100.000 | Ft |
| 0320 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 2,100.000 | Ft |
| 0330 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 2,100.000 | Ft |
| 0340 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 8.000 | Ea |
| 0350 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000 | Ea |
| 0360 | Conc Barrier Ending, Temp, Detail 2, Adj | 8120040 | 2.000 | Ea |
| 0370 | Conc Barrier Ending, Temp, Detail 2, Furn | 8120041 | 2.000 | Ea |
| 0380 | Conc Barrier Ending, Temp, Detail 2, Oper | 8120042 | 2.000 | Ea |
| 0390 | Conc Barrier Ending, Temp, Detail 5, Adj | 8120060 | 2.000 | Ea |
| 0400 | Conc Barrier Ending, Temp, Detail 5, Furn | 8120061 | 2.000 | Ea |
| 0410 | Conc Barrier Ending, Temp, Detail 5, Oper | 8120062 | 2.000 | Ea |
| 0420 | Conc Barrier, Temp, Adj | 8120080 | 1,000.000 | Ft |
| 0430 | Conc Barrier, Temp, Furn | 8120081 | 1,000.000 | Ft |
| 0440 | Conc Barrier, Temp, Oper | 8120082 | 1,000.000 | Ft |
| 0450 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0460 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0470 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0480 | Mobile Attenuator | 8120180 | 2.000 | Ea |
| 0490 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 2,000.000 | Ft |
| 0500 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 2,480.000 | Ft |
| 0510 | Plastic Drum, Fluorescent, Furn | 8120252 | 60.000 | Ea |
| 0520 | Plastic Drum, Fluorescent, Oper | 8120253 | 60.000 | Ea |
| 0530 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar | 8120265 | 24.000 | Ft |
| 0540 | PTS System, Temp, Furn | 8120270 | 1.000 | Ea |
| 0550 | PTS System, Temp, Oper | 8120271 | 1.000 | Ea |
| 0560 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 4.000 | Ea |
| 0570 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 4.000 | Ea |
| 0580 | Sign, Type A, Temp, Prismatic, Furn | 8120340 | 12.000 | Sft |
| 0590 | Sign, Type A, Temp, Prismatic, Oper | 8120341 | 12.000 | Sft |
| 0600 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,448.000 | Sft |
| 0610 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,448.000 | Sft |
| 0620 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 65.000 | Sft |
| 0630 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 65.000 | Sft |
| 0640 | Slope Restoration, Type B | 8160101 | 600.000 | Syd |
| 0650 | Contractor Staking | 8240001 | 1.000 | LSUM |
| 0660 | Staking Plan Errors and Extras, One Person | 8240020 | 10.000 | Hr |
| 0670 | Staking Plan Errors and Extras, Two Person | 8240021 | 4.000 | Hr |

| | | | | |
|------|--|---------|-------|----|
| 0680 | Staking Plan Errors and Extras, Three Person | 8240022 | 6.000 | Hr |
|------|--|---------|-------|----|

Section: 2

| | | | | |
|------|---|---------|------------|------|
| 0690 | HMA Patch, Rem | 5010006 | 12.000 | Syd |
| 0700 | Expansion Joint Device | 7060050 | 383.000 | Ft |
| 0710 | False Decking | 7060060 | 3,734.000 | Sft |
| 0720 | Reinforcement, Steel, Epoxy Coated | 7060092 | 12,350.000 | Lb |
| 0730 | _ Conc, Deck Joint Replacement | 7067021 | 49.000 | Cyd |
| 0740 | _ Conc, Grade DM | 7067021 | 10.000 | Cyd |
| 0750 | Bushing | 7070030 | 192.000 | Ea |
| 0760 | Structural Steel, Mixed, Erect | 7070050 | 216.000 | Lb |
| 0770 | Structural Steel, Mixed, Furn and Fab | 7070051 | 216.000 | Lb |
| 0780 | Joint Waterproofing | 7100001 | 255.000 | Sft |
| 0790 | Hand Chipping, Shallow | 7120003 | 97.000 | Syd |
| 0800 | Hand Chipping, Deep | 7120004 | 227.000 | Syd |
| 0810 | Hand Chipping, Other Than Deck | 7120007 | 27.000 | Cft |
| 0820 | Patch, Forming | 7120017 | 78.000 | Sft |
| 0830 | Structures, Rehabilitation, Rem Portions (S02 of 59012) | 7120070 | 1.000 | LSUM |
| 0840 | Structures, Rehabilitation, Rem Portions (S04 of 59012) | 7120070 | 1.000 | LSUM |
| 0850 | Deck Joint, Rem | 7120071 | 375.000 | Ft |
| 0860 | Reinforcement, Mechanical Splice | 7120084 | 68.000 | Ea |
| 0870 | Patching Conc, C-L | 7120112 | 36.000 | Cyd |
| 0880 | Embedded Galvanic Anode | 7120120 | 1,598.000 | Ea |
| 0890 | _ Priority 1, Epoxy Ovly, Warranty | 7127011 | 3,320.000 | Syd |
| 0900 | Beam Plate, Seal Perimeter | 7130010 | 1,287.000 | Ft |
| 0910 | Hanger Assembly, Field Measurement | 7130030 | 48.000 | Ea |
| 0920 | Hanger Assembly, Rem and Erect | 7130031 | 48.000 | Ea |
| 0930 | Structural Steel, Furn and Fab, Pin and Hanger | 7130070 | 14,203.000 | Lb |
| 0940 | Support, Suspension, Temp | 7130082 | 48.000 | Ea |
| 0950 | Protective Shield, Utility Pipe | 7150025 | 128.000 | Ft |
| 0960 | Steel Structure, Cleaning, Partial, Type 4 (S02 of 59012) | 7150047 | 1.000 | LSUM |
| 0970 | Steel Structure, Cleaning, Partial, Type 4 (S04 of 59012) | 7150047 | 1.000 | LSUM |
| 0980 | Steel Structure, Coating, Partial, Type 4 (S02 of 59012) | 7150048 | 1.000 | LSUM |
| 0990 | Steel Structure, Coating, Partial, Type 4 (S04 of 59012) | 7150048 | 1.000 | LSUM |
| 1000 | Field Repair of Damaged Coating (S02 of 59012) | 7160001 | 1.000 | LSUM |
| 1010 | Field Repair of Damaged Coating (S04 of 49012) | 7160001 | 1.000 | LSUM |



9/6/2019 9:16 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191004 015

Letting Date: October 4, 2019

Contract ID: 36051-207076

Description: 254.45 mi of delineator installation on US-2 from the east city limit of Ironwood eastward to the Michigan/Wisconsin state line and on M-28 from Thomaston Road to west Ishpeming, Baraga, Gogebic, Houghton, Iron, Marquette, and Ontonagon Counties.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207076A | 1901079 | N/A | HSIP 36051 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$28,700.00 | 1500001 | 1.000 | LSUM |
| 0020 | Delineator Reflector, White | 8100134 | 9,998.000 | Ea |
| 0030 | Delineator, Reflective Sheeting, 3 inch by 12 inch, White | 8100145 | 1,278.000 | Ea |
| 0040 | Delineator, Rem | 8100349 | 1,500.000 | Ea |
| 0050 | Post, Flexible, Delineator | 8100360 | 685.000 | Ea |
| 0060 | Post, Rigid, Delineator | 8100361 | 4,999.000 | Ea |
| 0070 | Mobile Attenuator | 8120180 | 1.000 | Ea |
| 0080 | _ Traf Control | 8127051 | 1.000 | LSUM |
| 0090 | Contractor Staking | 8240001 | 1.000 | LSUM |
| 0100 | Staking Plan Errors and Extras, One Person | 8240020 | 16.000 | Hr |
| 0110 | Staking Plan Errors and Extras, Two Person | 8240021 | 16.000 | Hr |
| 0120 | Staking Plan Errors and Extras, Three Person | 8240022 | 8.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 016

Letting Date: October 4, 2019

Contract ID: 58171-201573

Description: Removal of 2 structures including deck, superstructure and portions of substructure and approach slab on I-275 southbound bike path over Grand Trunk Western Railroad and over Conrail Railroad, Monroe County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 201573A | 1901083 | N/A | IM 58171 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$24,500.00 | 1500001 | 1.000 | LSUM |
| 0020 | Erosion Control, Silt Fence | 2080036 | 250.000 | Ft |
| 0030 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 8.000 | Ea |
| 0040 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 8.000 | Ea |
| 0050 | Conc Barrier Ending, Temp, Detail 2, Furn | 8120041 | 2.000 | Ea |
| 0060 | Conc Barrier Ending, Temp, Detail 2, Oper | 8120042 | 2.000 | Ea |
| 0070 | Conc Barrier Reflector Replacement | 8120070 | 20.000 | Ea |
| 0080 | Conc Barrier, Temp, Furn | 8120081 | 400.000 | Ft |
| 0090 | Conc Barrier, Temp, Oper | 8120082 | 400.000 | Ft |
| 0100 | High Intensity Light, Type B, Furn | 8120110 | 2.000 | Ea |
| 0110 | High Intensity Light, Type B, Oper | 8120111 | 2.000 | 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 | Mobile Attenuator | 8120180 | 1.000 | Ea |
| 0160 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 6,000.000 | Ft |
| 0170 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 500.000 | Ft |
| 0180 | Plastic Drum, Fluorescent, Furn | 8120252 | 120.000 | Ea |
| 0190 | Plastic Drum, Fluorescent, Oper | 8120253 | 120.000 | Ea |
| 0200 | Sign Cover | 8120310 | 4.000 | Ea |
| 0210 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 2.000 | Ea |
| 0220 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 2.000 | Ea |
| 0230 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 320.000 | Sft |
| 0240 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 320.000 | Sft |
| 0250 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 123.000 | Sft |

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|------|--|---------|---------|------|
| 0260 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 123.000 | Sft |
| 0270 | Traf Regulator Control | 8120370 | 1.000 | LSUM |

Section: 2

| | | | | |
|------|---|---------|------------|------|
| 0280 | Asbestos Materials, Rem and Disposal | 2040001 | 1,000.000 | Dlr |
| 0290 | Structures, Rem Portions (N01 of 58171) | 2040061 | 1.000 | LSUM |
| 0300 | Structures, Rem Portions (N02 of 58171) | 2040061 | 1.000 | LSUM |
| 0310 | Geotextile, Separator | 3080005 | 860.000 | Syd |
| 0320 | _ Conc Barrier, Temp, Left In Place, Special | 8127001 | 120.000 | Ft |
| 0330 | Slope Restoration, Type A | 8160100 | 230.000 | Syd |
| 0340 | _ Railroad Inspection and Flagging - Conrail | 8507060 | 21,000.000 | Dlr |
| 0350 | _ Railroad Inspection and Flagging - Grand Trunk Western | 8507060 | 21,000.000 | Dlr |
| 0360 | _ Railroad Protection - Conrail | 8507060 | 5,000.000 | Dlr |
| 0370 | _ Railroad Protection - Grand Trunk Western | 8507060 | 5,000.000 | Dlr |



Schedule of Pay Items

Report v1

Letting Call: 191004 017

Letting Date: October 4, 2019

Contract ID: 55428-133028

Description: 0.24 mi of hot mix asphalt road reconstruction, concrete curb and gutter and pavement markings on 13th Street from 34th Avenue to 38th Avenue in the city of Menominee, Menominee County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 133028A | 1901020 | N/A | STUL 55428 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$76,500.00 | 1500001 | 1.000 | LSUM |
| 0020 | Dr Structure, Rem | 2030011 | 1.000 | Ea |
| 0030 | Sewer, Rem, Less than 24 inch | 2030015 | 11.000 | Ft |
| 0040 | Curb and Gutter, Rem | 2040020 | 1,770.000 | Ft |
| 0050 | Pavt, Rem | 2040050 | 1,733.000 | Syd |
| 0060 | Sidewalk, Rem | 2040055 | 1,125.000 | Syd |
| 0070 | Excavation, Earth | 2050016 | 4,500.000 | Cyd |
| 0080 | Subgrade Undercutting, Type II | 2050041 | 160.000 | Cyd |
| 0090 | Erosion Control, Gravel Access Approach | 2080016 | 4.000 | Ea |
| 0100 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 11.000 | Ea |
| 0110 | Erosion Control, Silt Fence | 2080036 | 500.000 | Ft |
| 0120 | Subbase, CIP | 3010002 | 2,335.000 | Cyd |
| 0130 | Aggregate Base, 3 inch | 3020008 | 1,750.000 | Syd |
| 0140 | Aggregate Base, 6 inch | 3020016 | 537.000 | Syd |
| 0150 | Aggregate Base, 8 inch | 3020020 | 7,015.000 | Syd |
| 0160 | Maintenance Gravel | 3060020 | 100.000 | Ton |
| 0170 | Geotextile, Stabilization | 3080010 | 450.000 | Syd |
| 0180 | Sewer, CI A, 12 inch, Tr Det B | 4020033 | 134.000 | Ft |
| 0190 | Video Taping Sewer and Culv Pipe | 4021275 | 996.000 | Ft |
| 0200 | _ Lateral, Sanitary, 6 inch | 4027001 | 1,098.000 | Ft |
| 0210 | _ Sanitary Manhole, Add Depth of 48 inch dia, 8 foot to 15 foot | 4027001 | 3.000 | Ft |
| 0220 | _ Sanitary Sewer Main, Rem | 4027001 | 863.000 | Ft |
| 0230 | _ Sanitary Sewer, PVC, 18 inch, Tr Det B | 4027001 | 300.000 | Ft |
| 0240 | _ Sanitary Sewer, PVC, 8 inch, Tr Det B | 4027001 | 562.000 | Ft |
| 0250 | _ Connect to Existing Sanitary Sewer Main | 4027050 | 1.000 | Ea |
| 0260 | _ Sanitary Lateral, Existing, Connect | 4027050 | 30.000 | Ea |
| 0270 | _ Sanitary Manhole Casting | 4027050 | 5.000 | Ea |

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|------|--|---------|-----------|------|
| 0280 | _ Sanitary Manhole, 48 inch dia | 4027050 | 5.000 | Ea |
| 0290 | _ Sanitary Sewer Structure, Rem | 4027050 | 5.000 | Ea |
| 0300 | _ Tee, Sanitary, 6 inch by 18 inch | 4027050 | 10.000 | Ea |
| 0310 | _ Wye, Sanitary, 6 inch by 8 inch | 4027050 | 20.000 | Ea |
| 0320 | _ Dewatering System | 4027051 | 1.000 | LSUM |
| 0330 | Dr Structure Cover, Adj, Case 1 | 4030005 | 9.000 | Ea |
| 0340 | Dr Structure Cover, Type K | 4030050 | 3.000 | Ea |
| 0350 | Dr Structure, 48 inch dia | 4030210 | 3.000 | Ea |
| 0360 | Dr Structure, Tap, 12 inch | 4030312 | 2.000 | Ea |
| 0370 | _ Yard Drain | 4037050 | 5.000 | Ea |
| 0380 | HMA Surface, Rem | 5010005 | 6,892.000 | Syd |
| 0390 | Hand Patching | 5010025 | 79.000 | Ton |
| 0400 | HMA Approach | 5010061 | 88.000 | Ton |
| 0410 | HMA, LVSP | 5010703 | 1,292.000 | Ton |
| 0420 | Saw Cut, Intermediate | 6030090 | 260.000 | Ft |
| 0430 | Driveway, Nonreinf Conc, 6 inch | 8010005 | 350.000 | Syd |
| 0440 | Curb and Gutter, Conc, Det F4 | 8020038 | 2,546.000 | Ft |
| 0450 | Detectable Warning Surface | 8030010 | 62.000 | Ft |
| 0460 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 557.000 | Sft |
| 0470 | Sidewalk, Conc, 4 inch | 8030044 | 8,312.000 | Sft |
| 0480 | Sidewalk, Conc, 6 inch | 8030046 | 785.000 | Sft |
| 0490 | Sign, Type III, Erect, Salv | 8100402 | 3.000 | Ea |
| 0500 | Sign, Type III, Rem | 8100403 | 3.000 | Ea |
| 0510 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 455.000 | Ft |
| 0520 | Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar | 8110044 | 47.000 | Ft |
| 0530 | Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike | 8110049 | 6.000 | Ea |
| 0540 | Pavt Mrkg, Ovly Cold Plastic, Bike | 8110056 | 6.000 | Ea |
| 0550 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 2,300.000 | Ft |
| 0560 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 350.000 | Ft |
| 0570 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 2,300.000 | Ft |
| 0580 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 350.000 | Ft |
| 0590 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 10.000 | Ea |
| 0600 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 10.000 | Ea |
| 0610 | Dust Palliative, Applied | 8120100 | 2.000 | Ton |
| 0620 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0630 | Plastic Drum, High Intensity, Furn | 8120250 | 100.000 | Ea |
| 0640 | Plastic Drum, High Intensity, Oper | 8120251 | 100.000 | Ea |
| 0650 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 285.000 | Sft |
| 0660 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 285.000 | Sft |
| 0670 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0680 | Fertilizer, Chemical Nutrient, CI B | 8160021 | 100.000 | Lb |
| 0690 | Mulch | 8160025 | 1,500.000 | Syd |
| 0700 | Mulch Anchoring | 8160026 | 1,500.000 | Syd |

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|------|--|---------|-----------|------|
| 0710 | Seeding, Mixture THM | 8160039 | 250.000 | Lb |
| 0720 | Topsoil Surface, Furn, 4 inch | 8160062 | 1,500.000 | Syd |
| 0730 | _ Utility Pole Coordination | 8197051 | 1.000 | LSUM |
| 0740 | Gate Valve and Box, 6 inch | 8230051 | 2.000 | Ea |
| 0750 | Gate Valve and Box, 8 inch | 8230052 | 1.000 | Ea |
| 0760 | Hydrant, Rem | 8230091 | 2.000 | Ea |
| 0770 | Water Main, DI, 6 inch, Tr Det F | 8230150 | 25.000 | Ft |
| 0780 | Water Main, DI, 8 inch, Tr Det F | 8230155 | 572.000 | Ft |
| 0790 | Water Shutoff, Adj, Case 1 | 8230421 | 5.000 | Ea |
| 0800 | Gate Box, Adj, Case 1 | 8230431 | 4.000 | Ea |
| 0810 | _ Water Serv, 1 inch Copper, Type K | 8237001 | 370.000 | Ft |
| 0820 | _ Connect to Existing Water Serv | 8237050 | 9.000 | Ea |
| 0830 | _ Curb Stop and Box, 1 inch | 8237050 | 4.000 | Ea |
| 0840 | _ Fire Hydrant, Special | 8237050 | 2.000 | Ea |
| 0850 | _ Serv Tap, 1 inch | 8237050 | 17.000 | Ea |
| 0860 | _ Water Meter Installation | 8237050 | 9.000 | Ea |
| 0870 | Contractor Staking | 8240001 | 1.000 | LSUM |
| 0880 | Staking Plan Errors and Extras, One Person | 8240020 | 32.000 | Hr |
| 0890 | Staking Plan Errors and Extras, Two Person | 8240021 | 8.000 | Hr |
| 0900 | Staking Plan Errors and Extras, Three Person | 8240022 | 1.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 018

Letting Date: October 4, 2019

Contract ID: 33000-203275

Description: Construction of raised pedestrian crossing, installation of rapid rectangular flashing beacons, concrete curb and gutter, sidewalks, sidewalk ramps, drainage, sewer and pavement markings on Temple Street between Maple Street and Columbia Street in the city of Mason, Ingham County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203275A | 1900976 | N/A | HSIP 33000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$9,100.00 | 1500001 | 1.000 | LSUM |
| 0020 | Curb and Gutter, Rem | 2040020 | 260.000 | Ft |
| 0030 | Pavt, Rem | 2040050 | 150.000 | Syd |
| 0040 | Sidewalk, Rem | 2040055 | 130.000 | Syd |
| 0050 | Excavation, Earth | 2050016 | 70.000 | Cyd |
| 0060 | Backfill, Structure, CIP | 2060002 | 25.000 | Cyd |
| 0070 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 4.000 | Ea |
| 0080 | Project Cleanup | 2090001 | 1.000 | LSUM |
| 0090 | Subbase, CIP | 3010002 | 40.000 | Cyd |
| 0100 | Aggregate Base, 8 inch | 3020020 | 100.000 | Syd |
| 0110 | Sewer, Cl A, 12 inch, Tr Det B | 4020033 | 60.000 | Ft |
| 0120 | Sewer Tap, 12 inch | 4021204 | 1.000 | Ea |
| 0130 | Dr Structure Cover, Type K | 4030050 | 2.000 | Ea |
| 0140 | Dr Structure, 48 inch dia | 4030210 | 2.000 | Ea |
| 0150 | Hand Patching | 5010025 | 20.000 | Ton |
| 0160 | Conc Pavt, Misc, Nonreinf, 8 inch | 6020054 | 96.000 | Syd |
| 0170 | Saw Cut, Intermediate | 6030090 | 300.000 | Ft |
| 0180 | Curb and Gutter, Conc, Det F4 | 8020038 | 150.000 | Ft |
| 0190 | Curb Ramp Opening, Conc | 8030030 | 110.000 | Ft |
| 0200 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 520.000 | Sft |
| 0210 | Sidewalk, Conc, 4 inch | 8030044 | 700.000 | Sft |
| 0220 | _ Detectable Warning Surface, Modified | 8037001 | 65.000 | Ft |
| 0230 | Post, Steel, 3 lb | 8100371 | 54.000 | Ft |
| 0240 | Sign, Type III, Rem | 8100403 | 2.000 | Ea |
| 0250 | Sign, Type IIIB | 8100405 | 28.000 | Sft |
| 0260 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 140.000 | Ft |

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|------|--|---------|---------|------|
| 0270 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, White | 8110042 | 70.000 | Ft |
| 0280 | Pavt Mrkg, Thermopl, 12 inch, Crosswalk | 8110214 | 115.000 | Ft |
| 0290 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 8.000 | Ea |
| 0300 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000 | Ea |
| 0310 | Pedestrian Type II Barricade, Temp | 8120026 | 2.000 | Ea |
| 0320 | Lighted Arrow, Type B, Furn | 8120130 | 2.000 | Ea |
| 0330 | Lighted Arrow, Type B, Oper | 8120131 | 2.000 | Ea |
| 0340 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0350 | Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem | 8120212 | 120.000 | Ft |
| 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 | 350.000 | Sft |
| 0390 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 350.000 | Sft |
| 0400 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0410 | Slope Restoration, Type A | 8160100 | 60.000 | Syd |
| 0420 | _ Flashing Beacon Sign Assembly, Rectangular Rapid, Solar Power | 8207050 | 4.000 | Ea |



Schedule of Pay Items

Report v1

Letting Call: 191004 019

Letting Date: October 4, 2019

Contract ID: 04031-203958

Description: 17.50 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramps, drainage and pavement markings on US-23 from north of Mason Street to south of Richardson Street, on M-32 from east of Bagley Street to US-23, from 3rd Avenue to US-23 and from the west Alpena county line to Lake Winyah Road in the city of Alpena, Alpena County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203958A | 1901099 | N/A | ST 04031 |
| 203968A | N/A | N/A | M 04021 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$435,000.00 | 1500001 | 1.000 | LSUM |
| 0020 | Curb and Gutter, Rem | 2040020 | 1,788.000 | Ft |
| 0030 | Masonry and Conc Structure, Rem | 2040045 | 1.000 | Cyd |
| 0040 | Sidewalk, Rem | 2040055 | 1,641.000 | Syd |
| 0050 | Embankment, LM | 2050011 | 40.000 | Cyd |
| 0060 | Excavation, Earth | 2050016 | 280.000 | Cyd |
| 0070 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 25.000 | Cyd |
| 0080 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 94.000 | Ea |
| 0090 | Approach, CI II | 3070021 | 265.000 | Ton |
| 0100 | _ Shoulder, CI II, Modified | 3077031 | 1,074.000 | Ton |
| 0110 | Dr Structure Cover, Adj, Case 1 | 4030005 | 28.000 | Ea |
| 0120 | Dr Structure Cover, Type K | 4030050 | 3.000 | Ea |
| 0130 | Dr Structure, Adj, Add Depth | 4030280 | 1.000 | Ft |
| 0140 | HMA Surface, Rem | 5010005 | 422.000 | Syd |
| 0150 | HMA Quality Initiative | 5010007 | 77,392.000 | Dlr |
| 0160 | Longitudinal Joint Density Quality Initiative | 5010018 | 261,015.000 | Dlr |
| 0170 | Hand Patching | 5010025 | 160.000 | Ton |
| 0180 | HMA, 5E1 | 5010056 | 37,701.000 | Ton |
| 0190 | HMA Approach | 5010061 | 835.000 | Ton |
| 0200 | Fine Textured Pavement Milling | 5010100 | 427,647.000 | Syd |
| 0210 | Lane Tie, Epoxy Anchored | 6030030 | 270.000 | Ea |
| 0220 | _ Spray Applied Waterproofing Membrane | 7107011 | 177.000 | Syd |
| 0230 | Curb and Gutter, Conc, Det C4 | 8020023 | 563.000 | Ft |
| 0240 | Detectable Warning Surface | 8030010 | 695.000 | Ft |

| | | | | |
|------|---|---------|-------------|------|
| 0250 | Curb Ramp Opening, Conc | 8030030 | 1,227.000 | Ft |
| 0260 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 14,833.000 | Sft |
| 0270 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 950.000 | Ft |
| 0280 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow | 8110040 | 162.000 | Ft |
| 0290 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar | 8110045 | 362.000 | Ft |
| 0300 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 1.000 | Ea |
| 0310 | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym | 8110069 | 2.000 | Ea |
| 0320 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 3.000 | Ea |
| 0330 | Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym | 8110076 | 1.000 | Ea |
| 0340 | Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym | 8110077 | 1.000 | Ea |
| 0350 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 1,272.000 | Ft |
| 0360 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 34,274.000 | Ft |
| 0370 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 165,116.000 | Ft |
| 0380 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 1,272.000 | Ft |
| 0390 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 34,274.000 | Ft |
| 0400 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 165,116.000 | Ft |
| 0410 | Rem Spec Mrkg | 8110343 | 56.000 | Sft |
| 0420 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0430 | Protective Ovly, Snowmobile Trail Crossing | 8110550 | 69.000 | Syd |
| 0440 | Pedestrian Type II Barricade, Temp | 8120026 | 150.000 | Ea |
| 0450 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 1,214.000 | Ea |
| 0460 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 1,214.000 | Ea |
| 0470 | Lighted Arrow, Type C, Furn | 8120140 | 8.000 | Ea |
| 0480 | Lighted Arrow, Type C, Oper | 8120141 | 8.000 | Ea |
| 0490 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0500 | Pavt Mrkg Cover, Type R, Black | 8120200 | 1,000.000 | Ft |
| 0510 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp | 8120235 | 154,560.000 | Ft |
| 0520 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 13,736.000 | Ft |
| 0530 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 328.000 | Ft |
| 0540 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 14,896.000 | Ft |
| 0550 | PTS System, Temp, Furn | 8120270 | 1.000 | Ea |
| 0560 | PTS System, Temp, Oper | 8120271 | 1.000 | Ea |
| 0570 | Sign Cover | 8120310 | 14.000 | Ea |
| 0580 | Sign, Type A, Temp, Prismatic, Furn | 8120340 | 12.000 | Sft |
| 0590 | Sign, Type A, Temp, Prismatic, Oper | 8120341 | 12.000 | Sft |
| 0600 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 2,774.000 | Sft |
| 0610 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 2,774.000 | Sft |
| 0620 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0630 | Slope Restoration, Type A | 8160100 | 699.000 | Syd |
| 0640 | Hh, Adj | 8190244 | 12.000 | Ea |

| | | | | |
|------|--|---------|-------------|-----|
| 0650 | Monument Box | 8210001 | 9.000 | Ea |
| 0660 | Monument Box Adjust | 8210005 | 28.000 | Ea |
| 0670 | Monument Preservation | 8210010 | 9.000 | Ea |
| 0680 | Protect Corners | 8210020 | 20.000 | Ea |
| 0690 | Centerline Corrugations, Milled, HMA | 8220013 | 75,200.000 | Ft |
| 0700 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 150,880.000 | Ft |
| 0710 | Water Shutoff, Adj, Case 1 | 8230421 | 10.000 | Ea |
| 0720 | Gate Box, Adj, Case 1 | 8230431 | 16.000 | Ea |
| 0730 | _ Railroad Protection, at Grade Crossing | 8507060 | 1,000.000 | Dlr |



Schedule of Pay Items

Report v1

Letting Call: 191004 020

Letting Date: October 4, 2019

Contract ID: 31051-201189

Description: 9.03 mi of hot mix asphalt cold milling and resurfacing, replacing culverts, detail 7 and 8 joint repairs, upgrading sidewalk ramps and guardrail, aggregate shoulders, centerline and shoulder corrugations and pavement markings on US-41 from the Baraga county line north to the Snake River and from Golf Course Road north to Cliff Drive and on M-26 from Cemetery Road north to Green Acres Road, Houghton County. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 201189A | N/A | N/A | M 31051 |
| 203975A | 1901096 | N/A | NH 31051 |
| 205391A | N/A | N/A | M 31051 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--------------------------------|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$256,500.00 | 1500001 | 1.000 | LSUM |
| 0020 | Culv, Rem, 24 inch to 48 inch | 2030002 | 4.000 | Ea |
| 0030 | Guardrail, Rem | 2040035 | 413.000 | Ft |
| 0040 | Embankment, LM | 2050011 | 301.000 | Cyd |
| 0050 | Excavation, Earth | 2050016 | 394.000 | Cyd |
| 0060 | _ Berm Grading | 2057002 | 8.000 | Sta |
| 0070 | Erosion Control, Sand Bag | 2080028 | 80.000 | Ea |
| 0080 | Erosion Control, Silt Fence | 2080036 | 480.000 | Ft |
| 0090 | Subbase, CIP | 3010002 | 281.000 | Cyd |
| 0100 | Aggregate Base, 6 inch | 3020016 | 213.000 | Syd |
| 0110 | Aggregate Base, 8 inch | 3020020 | 178.000 | Syd |
| 0120 | Maintenance Gravel, LM | 3060021 | 90.000 | Cyd |
| 0130 | Approach, CI II | 3070021 | 89.000 | Ton |
| 0140 | Shoulder, CI II | 3070121 | 1,516.000 | Ton |
| 0150 | Shoulder, CI II, 4 inch | 3070126 | 36.000 | Syd |
| 0160 | Trenching | 3070200 | 5.000 | Sta |
| 0170 | Culv End Sect, Conc, 24 inch | 4010051 | 4.000 | Ea |
| 0180 | Culv End Sect, Conc, 30 inch | 4010052 | 2.000 | Ea |
| 0190 | Culv End Sect, Conc, 36 inch | 4010053 | 2.000 | Ea |
| 0200 | Culv, CI A, 24 inch | 4010134 | 176.000 | Ft |
| 0210 | Culv, CI A, 30 inch | 4010135 | 96.000 | Ft |
| 0220 | Culv, CI A, 36 inch | 4010136 | 88.000 | Ft |
| 0230 | Dr Marker Post | 4011109 | 8.000 | Ea |
| 0240 | Trench Undercut and Backfill | 4021260 | 151.000 | Cyd |

| | | | | |
|------|---|---------|-------------|------|
| 0250 | Video Taping Sewer and Culv Pipe | 4021275 | 360.000 | Ft |
| 0260 | Pavt, Cleaning | 5010001 | 1.000 | LSUM |
| 0270 | Cold Milling HMA Surface | 5010002 | 81,691.000 | Syd |
| 0280 | Bump Grinding | 5010004 | 480.000 | Syd |
| 0290 | HMA Surface, Rem | 5010005 | 367.000 | Syd |
| 0300 | HMA Quality Initiative | 5010007 | 40,582.000 | Dlr |
| 0310 | Pavt for Butt Joints, Rem | 5010008 | 2,884.000 | Syd |
| 0320 | Edge Trimming | 5010009 | 500.000 | Ft |
| 0330 | Longitudinal Joint Density Quality Initiative | 5010018 | 151,134.000 | Dlr |
| 0340 | Pavt Joint and Crack Repr, Det 7 | 5010020 | 1,996.000 | Ft |
| 0350 | Pavt Joint and Crack Repr, Det 8 | 5010021 | 324.000 | Ft |
| 0360 | Hand Patching | 5010025 | 115.000 | Ton |
| 0370 | HMA, 5E3 | 5010057 | 12,732.000 | Ton |
| 0380 | HMA Approach | 5010061 | 205.000 | Ton |
| 0390 | HMA, LVSP | 5010703 | 7,239.000 | Ton |
| 0400 | Guardrail, Type B | 8070000 | 250.000 | Ft |
| 0410 | Guardrail, Type MGS-8 | 8070004 | 391.000 | Ft |
| 0420 | Guardrail Approach Terminal, Type 2M | 8070044 | 3.000 | Ea |
| 0430 | Guardrail Reflector | 8070080 | 70.000 | Ea |
| 0440 | Guardrail Height, Adj | 8070100 | 1,088.000 | Ft |
| 0450 | Guardrail Post, Furn and Install, 72 inch | 8070101 | 20.000 | Ea |
| 0460 | Guardrail, Reconst, Type B | 8070105 | 175.000 | Ft |
| 0470 | Delineator Reflector, Green | 8100133 | 20.000 | Ea |
| 0480 | Delineator Reflector, White | 8100134 | 12.000 | Ea |
| 0490 | Delineator, Reflective Sheeting, 3 inch by 12 inch, White | 8100145 | 14.000 | Ea |
| 0500 | Post, Flexible, Delineator | 8100360 | 14.000 | Ea |
| 0510 | Post, Rigid, Delineator | 8100361 | 16.000 | Ea |
| 0520 | Pavt Mrkg, Polyurea, Merge Arrow Symbol | 8110107 | 4.000 | Ea |
| 0530 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White | 8110108 | 170.000 | Ft |
| 0540 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow | 8110109 | 170.000 | Ft |
| 0550 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 6,200.000 | Ft |
| 0560 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 56,200.000 | Ft |
| 0570 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 92,800.000 | Ft |
| 0580 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 6,200.000 | Ft |
| 0590 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 93,300.000 | Ft |
| 0600 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 92,800.000 | Ft |
| 0610 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0620 | Pavt Mrkg, Polyurea, Lane | 8110403 | 1.000 | Ea |
| 0630 | Pavt Mrkg, Polyurea, Only | 8110410 | 3.000 | Ea |
| 0640 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym | 8110412 | 2.000 | Ea |
| 0650 | Recessing Pavt Mrkg, Longit | 8110450 | 53,000.000 | Ft |
| 0660 | _ Pavt Mrkg, Polyurea, Right | 8117050 | 1.000 | Ea |
| 0670 | _ Pavt Mrkg, Polyurea, Turn | 8117050 | 1.000 | Ea |
| 0680 | Barricade, Type III, High Intensity, Double Sided, | 8120012 | 8.000 | Ea |

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|------|--|---------|------------|------|
| | Lighted, Furn | | | |
| 0690 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000 | Ea |
| 0700 | Lighted Arrow, Type C, Furn | 8120140 | 4.000 | Ea |
| 0710 | Lighted Arrow, Type C, Oper | 8120141 | 4.000 | Ea |
| 0720 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0730 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 1,450.000 | Ft |
| 0740 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 20,640.000 | Ft |
| 0750 | Plastic Drum, Fluorescent, Furn | 8120252 | 510.000 | Ea |
| 0760 | Plastic Drum, Fluorescent, Oper | 8120253 | 510.000 | Ea |
| 0770 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar | 8120265 | 108.000 | Ft |
| 0780 | PTS System, Temp, Furn | 8120270 | 2.000 | Ea |
| 0790 | PTS System, Temp, Oper | 8120271 | 2.000 | Ea |
| 0800 | Sign Cover | 8120310 | 6.000 | Ea |
| 0810 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 2,405.000 | Sft |
| 0820 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 2,405.000 | Sft |
| 0830 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0840 | Riprap, Plain | 8130010 | 24.000 | Syd |
| 0850 | Fertilizer, Chemical Nutrient, CI A | 8160020 | 113.000 | Lb |
| 0860 | Mulch | 8160025 | 600.000 | Syd |
| 0870 | Mulch Anchoring | 8160026 | 600.000 | Syd |
| 0880 | Mulch Blanket | 8160027 | 1,800.000 | Syd |
| 0890 | Seeding, Mixture THV | 8160040 | 112.000 | Lb |
| 0900 | Topsoil Surface, Furn, 3 inch | 8160061 | 900.000 | Syd |
| 0910 | Topsoil Surface, Furn, 4 inch | 8160062 | 600.000 | Syd |
| 0920 | Topsoil Surface, Salv, 3 inch | 8160076 | 900.000 | Syd |
| 0930 | Monument Box | 8210001 | 6.000 | Ea |
| 0940 | Monument Box Adjust | 8210005 | 14.000 | Ea |
| 0950 | Monument Preservation | 8210010 | 6.000 | Ea |
| 0960 | Centerline Corrugations, Milled, HMA | 8220013 | 43,500.000 | Ft |
| 0970 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 86,700.000 | Ft |
| 0980 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0990 | Staking Plan Errors and Extras, One Person | 8240020 | 20.000 | Hr |
| 1000 | Staking Plan Errors and Extras, Two Person | 8240021 | 8.000 | Hr |
| 1010 | Staking Plan Errors and Extras, Three Person | 8240022 | 12.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 021

Letting Date: October 4, 2019

Contract ID: 38111-201003

Description: 6.14 mi of concrete joint repair and full depth repair, hot mix asphalt cold milling and resurfacing, shoulder gravel and pavement on US-127 from Floyd Road to I-94 including the ramps at M-50, South Street, Page Avenue and Michigan Avenue, Jackson County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 201003A | 1901109 | N/A | NH 38111 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$194,800.00 | 1500001 | 1.000 | LSUM |
| 0020 | Pavt, Rem | 2040050 | 314.000 | Syd |
| 0030 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 85.000 | Ea |
| 0040 | Shoulder, CI II | 3070121 | 4,591.000 | Ton |
| 0050 | Pavt, Cleaning | 5010001 | 1.000 | LSUM |
| 0060 | Cold Milling HMA Surface | 5010002 | 13,867.000 | Syd |
| 0070 | HMA Quality Initiative | 5010007 | 2,420.000 | Dlr |
| 0080 | Longitudinal Joint Density Quality Initiative | 5010018 | 8,600.000 | Dlr |
| 0090 | Pavt Joint and Crack Repr, Det 7 | 5010020 | 2,000.000 | Ft |
| 0100 | Hand Patching | 5010025 | 150.000 | Ton |
| 0110 | HMA, 5E10 | 5010058 | 1,060.000 | Ton |
| 0120 | _ Asphalt Repair Mastic | 5027001 | 12,630.000 | Ft |
| 0130 | Joint, Contraction, Cp | 6020200 | 440.000 | Ft |
| 0140 | Cement | 6030005 | 65.000 | Ton |
| 0150 | Joint, Contraction, Crg | 6030020 | 16,218.000 | Ft |
| 0160 | Joint, Expansion, Erg | 6030021 | 525.000 | Ft |
| 0170 | Lane Tie, Epoxy Anchored | 6030030 | 963.000 | Ea |
| 0180 | Pavt Repr, Nonreinf Conc, 10 inch | 6030048 | 5,147.000 | Syd |
| 0190 | Pavt Repr, Rem | 6030080 | 4,833.000 | Syd |
| 0200 | Saw Cut, Intermediate | 6030090 | 2,013.000 | Ft |
| 0210 | Sawing and Sealing Longit Pavt Joints | 6030095 | 97,632.000 | Ft |
| 0220 | Sawing and Sealing Trans Pavt Joints | 6030096 | 127,375.000 | Ft |
| 0230 | Resealing Longit Joints with Hot-Poured Rubber | 6030101 | 172,191.000 | Ft |
| 0240 | _ Protective Conc Pavt Joint Treatment | 6037001 | 241,683.000 | Ft |
| 0250 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 6.000 | Ea |
| 0260 | Pavt Mrkg, Ovly Cold Plastic, Only | 8110068 | 6.000 | Ea |
| 0270 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 6.000 | Ea |

| | | | | |
|------|---|---------|-----------|------|
| 0280 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 800.000 | Ft |
| 0290 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 365.000 | Ft |
| 0300 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 2,848.000 | Ft |
| 0310 | Pavt Mrkg, Waterborne, 6 inch, Yellow | 8110234 | 2,897.000 | Ft |
| 0320 | Pavt Mrkg, Waterborne, 12 inch, White | 8110237 | 2,578.000 | Ft |
| 0330 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 365.000 | Ft |
| 0340 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 2,848.000 | Ft |
| 0350 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow | 8110254 | 2,897.000 | Ft |
| 0360 | Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White | 8110257 | 2,578.000 | Ft |
| 0370 | Rem Spec Mrkg | 8110343 | 575.000 | Sft |
| 0380 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dir |
| 0390 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 15.000 | Ea |
| 0400 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 15.000 | Ea |
| 0410 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 450.000 | Ea |
| 0420 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 450.000 | Ea |
| 0430 | Lighted Arrow, Type C, Furn | 8120140 | 4.000 | Ea |
| 0440 | Lighted Arrow, Type C, Oper | 8120141 | 4.000 | Ea |
| 0450 | Ltg for Night Work | 8120160 | 1.000 | LSUM |
| 0460 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0470 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp | 8120235 | 3,200.000 | Ft |
| 0480 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 2,840.000 | Ft |
| 0490 | Plastic Drum, Fluorescent, Furn | 8120252 | 82.000 | Ea |
| 0500 | Plastic Drum, Fluorescent, Oper | 8120253 | 82.000 | Ea |
| 0510 | Sign Cover | 8120310 | 10.000 | Ea |
| 0520 | Sign, Portable, Changeable Message, Furn | 8120330 | 14.000 | Ea |
| 0530 | Sign, Portable, Changeable Message, Oper | 8120331 | 14.000 | Ea |
| 0540 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 2,260.000 | Sft |
| 0550 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 2,260.000 | Sft |
| 0560 | Shoulder Corrugations, Ground or Cut, HMA | 8220001 | 5,700.000 | Ft |



Schedule of Pay Items

Report v1

Letting Call: 191004 022

Letting Date: October 4, 2019

Contract ID: 27021-203892

Description: 4.21 mi of hot mix asphalt micro-cold milling and ultra-thin overlay with joint repairs on US-2 from the east city limits of Bessemer to the west city limits of Wakefield, Gogebic County. This project includes a 2 year pavement performance warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203892A | 1901120 | N/A | NH 27021 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$111,600.00 | 1500001 | 1.000 | LSUM |
| 0020 | _ Berm Grading | 2057002 | 39.000 | Sta |
| 0030 | Shoulder, CI II | 3070121 | 530.000 | Ton |
| 0040 | HMA Quality Initiative | 5010007 | 706.000 | Dlr |
| 0050 | Pavt Joint and Crack Repr, Det 7 | 5010020 | 2,200.000 | Ft |
| 0060 | Pavt Joint and Crack Repr, Det 8 | 5010021 | 550.000 | Ft |
| 0070 | Hand Patching | 5010025 | 353.000 | Ton |
| 0080 | _ Micro Cold Milling, HMA, 0 to 2 inches | 5017011 | 149,757.000 | Syd |
| 0090 | Overband Crack Fill, Lane | 5020003 | 20.650 | Lnmi |
| 0100 | HMA, Ultra-Thin, Medium Volume, Warranty | 5040101 | 149,757.000 | Syd |
| 0110 | _ Pavt Sensor, Invasive Condition, Replacement | 8007050 | 2.000 | Ea |
| 0120 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 21,900.000 | Ft |
| 0130 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 56,386.000 | Ft |
| 0140 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 43,799.000 | Ft |
| 0150 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 56,386.000 | Ft |
| 0160 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 43,799.000 | Ft |
| 0170 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0180 | Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White | 8110480 | 21,900.000 | Ft |
| 0190 | Protective Ovly, Snowmobile Trail Crossing | 8110550 | 288.000 | Syd |
| 0200 | Lighted Arrow, Type C, Furn | 8120140 | 5.000 | Ea |
| 0210 | Lighted Arrow, Type C, Oper | 8120141 | 5.000 | Ea |
| 0220 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0230 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp | 8120235 | 48,000.000 | Ft |
| 0240 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 7,100.000 | Ft |
| 0250 | Plastic Drum, Fluorescent, Furn | 8120252 | 10.000 | Ea |
| 0260 | Plastic Drum, Fluorescent, Oper | 8120253 | 10.000 | Ea |

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|------|-------------------------------------|---------|-----------|-----|
| 0270 | Sign Cover | 8120310 | 10.000 | Ea |
| 0280 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,200.000 | Sft |
| 0290 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,200.000 | Sft |
| 0300 | Protect Corners | 8210020 | 22.000 | Ea |



Schedule of Pay Items

Report v1

Letting Call: 191004 023

Letting Date: October 4, 2019

Contract ID: 78054-200708

Description: 10.63 mi of hot mix asphalt cold milling and resurfacing, single chip sealing and fog sealing, and pavement markings on M-66 from south of M-86 northerly to M-60 and on M-86 from M-66 to the western village limits of Colon, Saint Joseph County. This project includes a 2 year pavement performance warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 200708A | 1901106 | N/A | ST 78054 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$110,100.00 | 1500001 | 1.000 | LSUM |
| 0020 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 1.000 | Ea |
| 0030 | Shoulder, CI II | 3070121 | 1,050.000 | Ton |
| 0040 | Cold Milling HMA Surface | 5010002 | 10,734.000 | Syd |
| 0050 | HMA Quality Initiative | 5010007 | 2,884.000 | Dlr |
| 0060 | Pavt for Butt Joints, Rem | 5010008 | 623.000 | Syd |
| 0070 | Longitudinal Joint Density Quality Initiative | 5010018 | 5,260.000 | Dlr |
| 0080 | Hand Patching | 5010025 | 1.000 | Ton |
| 0090 | HMA, 5E1 | 5010056 | 1,382.000 | Ton |
| 0100 | HMA Approach | 5010061 | 59.000 | Ton |
| 0110 | Overband Crack Fill, Lane | 5020003 | 21.900 | Lnmi |
| 0120 | Micro-Surface, Std | 5040001 | 6,943.000 | Syd |
| 0130 | Chip Seal, Single, Warranty | 5050040 | 249,096.000 | Syd |
| 0140 | _ Seal, Fog | 5057011 | 249,096.000 | Syd |
| 0150 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar | 8110045 | 30.000 | Ft |
| 0160 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 2.000 | Ea |
| 0170 | Pavt Mrkg, Ovly Cold Plastic, Merge | 8110065 | 2.000 | Ea |
| 0180 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 5.000 | Ea |
| 0190 | Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym | 8110076 | 1.000 | Ea |
| 0200 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 950.000 | Ft |
| 0210 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 23,050.000 | Ft |
| 0220 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 108,800.000 | Ft |
| 0230 | Pavt Mrkg, Waterborne, 6 inch, Yellow | 8110234 | 450.000 | Ft |
| 0240 | Pavt Mrkg, Waterborne, 12 inch, White | 8110237 | 565.000 | Ft |
| 0250 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 950.000 | Ft |
| 0260 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 23,050.000 | Ft |

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|------|---|---------|-------------|------|
| 0270 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 108,800.000 | Ft |
| 0280 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow | 8110254 | 450.000 | Ft |
| 0290 | Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White | 8110257 | 565.000 | Ft |
| 0300 | Rem Spec Mrkg | 8110343 | 84.000 | Sft |
| 0310 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0320 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 830.000 | Ea |
| 0330 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 830.000 | 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 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 2,880.000 | Ft |
| 0380 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 40.000 | Ft |
| 0390 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 204.000 | Ft |
| 0400 | Raised Pavt Marker, Temp, Type 1, White, Monodirectional | 8120280 | 100.000 | Ea |
| 0410 | Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional | 8120281 | 2,306.000 | Ea |
| 0420 | Sign Cover | 8120310 | 10.000 | Ea |
| 0430 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,456.000 | Sft |
| 0440 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,456.000 | Sft |
| 0450 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0460 | Monument Box | 8210001 | 4.000 | Ea |
| 0470 | Monument Box Adjust | 8210005 | 4.000 | Ea |
| 0480 | Protect Corners | 8210020 | 20.000 | Ea |
| 0490 | Centerline Corrugations, Milled, HMA | 8220013 | 28,100.000 | Ft |
| 0500 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0510 | Staking Plan Errors and Extras, One Person | 8240020 | 9.000 | Hr |
| 0520 | Staking Plan Errors and Extras, Two Person | 8240021 | 4.000 | Hr |
| 0530 | Staking Plan Errors and Extras, Three Person | 8240022 | 6.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 024

Letting Date: October 4, 2019

Contract ID: 25000-200955

Description: 0.01 mi of hot mix asphalt shared use path, concrete sidewalk and ramps, lighting, signing and pavement markings on various streets surrounding Brownell & Holmes STEM Academy, Eagles Nest Academy, and Eisenhower Elementary schools in the city of Flint, Genesee County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 200955A | 1901108 | N/A | TA 25000 |

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 \$73,400.00 | 1500001 | 1.000 | LSUM |
| 0030 | Fence, Rem | 2040025 | 245.000 | Ft |
| 0040 | Pavt, Rem | 2040050 | 175.000 | Syd |
| 0050 | Sidewalk, Rem | 2040055 | 5,005.000 | Syd |
| 0060 | _ Pavt, Rem, Modified | 2047011 | 1,020.000 | Syd |
| 0070 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 10.000 | Cyd |
| 0080 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 7.000 | Ea |
| 0090 | Maintenance Gravel, LM | 3060021 | 5.000 | Cyd |
| 0100 | Dr Structure Cover, Adj, Case 1, Modified | 4030004 | 40.000 | Ea |
| 0110 | Dr Structure Cover, Type K | 4030050 | 9.000 | Ea |
| 0120 | Dr Structure, Adj, Add Depth | 4030280 | 8.000 | Ft |
| 0130 | _ Dr Structure Cover, ADA Compliant | 4037050 | 5.000 | Ea |
| 0140 | HMA Surface, Rem | 5010005 | 345.000 | Syd |
| 0150 | Hand Patching | 5010025 | 25.000 | Ton |
| 0160 | Conc Base Cse, Nonreinf, 7 1/2 inch | 6020018 | 280.000 | Syd |
| 0170 | Lane Tie, Epoxy Anchored | 6030030 | 1,000.000 | Ea |
| 0180 | Driveway, Nonreinf Conc, 8 inch | 8010007 | 440.000 | Syd |
| 0190 | Curb and Gutter, Conc, Det F3 | 8020037 | 1,825.000 | Ft |
| 0200 | Curb Ramp Opening, Conc | 8030030 | 670.000 | Ft |
| 0210 | Sidewalk Ramp, Conc, 4 inch | 8030034 | 11,505.000 | Sft |
| 0220 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 6,990.000 | Sft |
| 0230 | Sidewalk, Conc, 4 inch | 8030044 | 23,985.000 | Sft |
| 0240 | Sidewalk, Conc, 6 inch | 8030046 | 8,990.000 | Sft |
| 0250 | _ Detectable Warning Surface, Cast Iron | 8037001 | 655.000 | Ft |
| 0260 | Shared use Path, Aggregate | 8060010 | 75.000 | Ton |
| 0270 | Shared use Path, Grading | 8060030 | 215.000 | Ft |

| | | | | |
|------|---|---------|-----------|------|
| 0280 | Shared use Path, HMA | 8060040 | 70.000 | Ton |
| 0290 | Fence, Protective | 8080007 | 2,000.000 | Ft |
| 0300 | Fence, Chain Link, 48 inch | 8080011 | 230.000 | Ft |
| 0310 | Post, Steel, 3 lb | 8100371 | 550.000 | Ft |
| 0320 | Post, Wood, 6 inch by 8 inch | 8100382 | 40.000 | Ft |
| 0330 | Sign, Type III, Erect, Salv | 8100402 | 5.000 | Ea |
| 0340 | Sign, Type III, Rem | 8100403 | 22.000 | Ea |
| 0350 | Sign, Type IIIB | 8100405 | 220.000 | Sft |
| 0360 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 1,765.000 | Ft |
| 0370 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk | 8110041 | 350.000 | Ft |
| 0380 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar | 8110045 | 495.000 | Ft |
| 0390 | Pavt Mrkg, Ovly Cold Plastic, School | 8110074 | 10.000 | Ea |
| 0400 | Rem Spec Mrkg | 8110343 | 1,705.000 | Sft |
| 0410 | Pedestrian Type II Barricade, Temp | 8120026 | 12.000 | Ea |
| 0420 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 90.000 | Ea |
| 0430 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 90.000 | Ea |
| 0440 | Lighted Arrow, Type C, Furn | 8120140 | 4.000 | Ea |
| 0450 | Lighted Arrow, Type C, Oper | 8120141 | 4.000 | Ea |
| 0460 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0470 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 2.000 | Ea |
| 0480 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 2.000 | Ea |
| 0490 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,560.000 | Sft |
| 0500 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,560.000 | Sft |
| 0510 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0520 | _ Horticultural Work | 8157040 | 10.000 | Hr |
| 0530 | Slope Restoration, Type A | 8160100 | 5,185.000 | Syd |
| 0540 | Light Std Fdn | 8190279 | 1.000 | Ea |
| 0550 | _ Solar Lighting System | 8197050 | 1.000 | Ea |
| 0560 | Fish Beacon, Solar Power | 8200071 | 2.000 | Ea |
| 0570 | Wireless Intercn, Sign Mtd Flasher, Master | 8200490 | 1.000 | Ea |
| 0580 | Wireless Intercn, Sign Mtd Flasher, Solar Power, Remote | 8200495 | 2.000 | Ea |



Schedule of Pay Items

Report v1

Letting Call: 191004 025

Letting Date: October 4, 2019

Contract ID: 39022-127501

Description: 0.26 mi of minor outside widening for concrete emergency crash investigation sites, culverts and drainage on I-94 westbound at mile marker 82 and eastbound at mile marker 83, Kalamazoo County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 127501A | 1901131 | N/A | CM 39022 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$36,300.00 | 1500001 | 1.000 | LSUM |
| 0020 | Culv, End, Rem, Less than 24 inch | 2030005 | 1.000 | Ea |
| 0030 | Embankment, LM | 2050011 | 187.000 | Cyd |
| 0040 | Excavation, Earth | 2050016 | 3,472.000 | Cyd |
| 0050 | Subgrade Undercutting, Type II | 2050041 | 100.000 | Cyd |
| 0060 | Erosion Control, Inlet Protection, Sediment Trap | 2080024 | 3.000 | Ea |
| 0070 | Erosion Control, Silt Fence | 2080036 | 940.000 | Ft |
| 0080 | _ Permeable Runoff Structure | 2087001 | 50.000 | Ft |
| 0090 | Subbase, LM | 3010003 | 1,086.000 | Cyd |
| 0100 | Aggregate Base, LM | 3020002 | 494.000 | Cyd |
| 0110 | Shoulder, CI II | 3070121 | 130.000 | Ton |
| 0120 | Culv End Sect, 18 inch | 4010018 | 1.000 | Ea |
| 0130 | Culv, CI A, 18 inch | 4010133 | 12.000 | Ft |
| 0140 | Dr Marker Post | 4011109 | 1.000 | Ea |
| 0150 | Underdrain, Subbase, 4 inch | 4040061 | 1,615.000 | Ft |
| 0160 | Underdrain, Subgrade, 4 inch | 4040071 | 120.000 | Ft |
| 0170 | Underdrain, Outlet Ending, 4 inch | 4040111 | 8.000 | Ea |
| 0180 | HMA Surface, Rem | 5010005 | 163.000 | Syd |
| 0190 | Conc Pavt, Misc, Nonreinf, 8 inch | 6020054 | 2,461.000 | Syd |
| 0200 | Joint, Contraction, Cp | 6020200 | 1,408.000 | Ft |
| 0210 | Joint, Expansion, E3 | 6020208 | 30.000 | Ft |
| 0220 | Guardrail, Type MGS-8 | 8070004 | 888.000 | Ft |
| 0230 | Guardrail Approach Terminal, Type 2M | 8070044 | 2.000 | Ea |
| 0240 | Guardrail Departing Terminal, Type MGS | 8070052 | 2.000 | Ea |
| 0250 | Guardrail Reflector | 8070080 | 21.000 | Ea |
| 0260 | Column, Breakaway, W8 x 13 | 8100120 | 8.000 | Ea |
| 0270 | Delineator Reflector, Green | 8100133 | 4.000 | Ea |
| 0280 | Delineator Reflector, White | 8100134 | 7.000 | Ea |

| | | | | |
|------|---|---------|-----------|------|
| 0290 | Fdn, Breakaway, W8 x 13 | 8100160 | 8.000 | Ea |
| 0300 | Delineator, Rem | 8100349 | 4.000 | Ea |
| 0310 | Post, Rigid, Delineator | 8100361 | 11.000 | Ea |
| 0320 | Post, Steel, 3 lb | 8100371 | 112.000 | Ft |
| 0330 | Post, Wood, 4 inch by 6 inch | 8100380 | 120.000 | Ft |
| 0340 | Post, Wood, 6 inch by 8 inch | 8100382 | 132.000 | Ft |
| 0350 | Sign, Type IA | 8100392 | 566.000 | Sft |
| 0360 | Sign, Type IIB | 8100399 | 24.000 | Sft |
| 0370 | Sign, Type IIIA | 8100404 | 30.000 | Sft |
| 0380 | Sign, Type IIIB | 8100405 | 20.000 | Sft |
| 0390 | Reflective Panel for Permanent Sign Support, 3 foot | 8100613 | 4.000 | Ea |
| 0400 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0410 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0420 | Ltg for Night Work | 8120160 | 1.000 | LSUM |
| 0430 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0440 | Plastic Drum, Fluorescent, Furn | 8120252 | 100.000 | Ea |
| 0450 | Plastic Drum, Fluorescent, Oper | 8120253 | 100.000 | Ea |
| 0460 | Sign Cover | 8120310 | 15.000 | Ea |
| 0470 | Sign, Portable, Changeable Message, Furn | 8120330 | 1.000 | Ea |
| 0480 | Sign, Portable, Changeable Message, Oper | 8120331 | 1.000 | Ea |
| 0490 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 928.000 | Sft |
| 0500 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 928.000 | Sft |
| 0510 | _ Conc Barrier-Mounted Temp Sign System, Furn | 8127050 | 22.000 | Ea |
| 0520 | _ Conc Barrier-Mounted Temp Sign System, Oper | 8127050 | 22.000 | Ea |
| 0530 | Slope Restoration, Type C | 8160102 | 3,535.000 | Syd |
| 0540 | Light Std Fdn | 8190279 | 5.000 | Ea |
| 0550 | _ Solar Lighting System | 8197050 | 5.000 | Ea |
| 0560 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0570 | Staking Plan Errors and Extras, One Person | 8240020 | 3.000 | Hr |
| 0580 | Staking Plan Errors and Extras, Two Person | 8240021 | 2.000 | Hr |
| 0590 | Staking Plan Errors and Extras, Three Person | 8240022 | 2.000 | Hr |



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191004 026

Letting Date: October 4, 2019

Contract ID: 28042-206701

Description: Signal modernization and ITS/connected vehicle installation on M-72 at Williamsburg/Elk Lake Road, Grand Traverse County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206701A | N/A | N/A | M 28042 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$26,200.00 | 1500001 | 1.000 | LSUM |
| 0020 | Exploratory Investigation, Vertical | 2040080 | 20.000 | Ft |
| 0030 | Erosion Control, Maintenance, Sediment Removal | 2080026 | 2.000 | Cyd |
| 0040 | Erosion Control, Silt Fence | 2080036 | 25.000 | Ft |
| 0050 | Obstruction Removal | 7180100 | 2,000.000 | Dlr |
| 0060 | _ Managed Field Ethernet Switch, Fiber Capable | 8007050 | 1.000 | Ea |
| 0070 | _ Roadside Unit, Intersection | 8007050 | 1.000 | Ea |
| 0080 | Fdn, Wood Support, Rem | 8100280 | 4.000 | Ea |
| 0090 | Post, Wood, 6 inch by 8 inch | 8100382 | 65.000 | Ft |
| 0100 | Sign, Type II, Rem | 8100397 | 2.000 | Ea |
| 0110 | Sign, Type IIB | 8100399 | 33.000 | Sft |
| 0120 | Sign, Type III, Rem | 8100403 | 8.000 | Ea |
| 0130 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 180.000 | Ft |
| 0140 | Rem Spec Mrkg | 8110343 | 350.000 | Sft |
| 0150 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0160 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0170 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0180 | Plastic Drum, Fluorescent, Furn | 8120252 | 34.000 | Ea |
| 0190 | Plastic Drum, Fluorescent, Oper | 8120253 | 34.000 | Ea |
| 0200 | Sign Cover | 8120310 | 2.000 | Ea |
| 0210 | Sign, Portable, Changeable Message, Furn | 8120330 | 4.000 | Ea |
| 0220 | Sign, Portable, Changeable Message, Oper | 8120331 | 4.000 | Ea |
| 0230 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 644.000 | Sft |
| 0240 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 644.000 | Sft |
| 0250 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0260 | Conduit, DB, 1, 1 1/2 inch | 8190027 | 150.000 | Ft |
| 0270 | Conduit, DB, 3, 3 inch | 8190035 | 30.000 | Ft |
| 0280 | Conduit, DB, 4, 3 inch | 8190038 | 10.000 | Ft |

| | | | | |
|------|--|---------|------------|------|
| 0290 | Hh, Polymer Conc | 8190250 | 2.000 | Ea |
| 0300 | Hh, Round, 3 foot dia | 8190259 | 1.000 | Ea |
| 0310 | Hh, Round | 8190260 | 5.000 | Ea |
| 0320 | Cable, Sec, 600V, 1, 3/C#6 | 8190399 | 90.000 | Ft |
| 0330 | _ Conduit, DB, 1, 1 inch | 8197001 | 20.000 | Ft |
| 0340 | Case Sign (LED), One Way, 24 inch by 30 inch | 8200029 | 4.000 | Ea |
| 0350 | Controller Fdn, Base Mount | 8200045 | 1.000 | Ea |
| 0360 | Flsh Beacon, Controller and Cabinet, Solid State | 8200070 | 2.000 | Ea |
| 0370 | TS, Managed Field Ethernet Switch, Layer 2, Copper | 8200088 | 1.000 | Ea |
| 0380 | Pedestal, Fdn | 8200105 | 2.000 | Ea |
| 0390 | Pedestal, Underground Serv, Metered | 8200111 | 2.000 | Ea |
| 0400 | Power Co. (Est. Cost to Contractor) | 8200116 | 14,559.000 | Dir |
| 0410 | Serv Disconnect | 8200135 | 1.000 | Ea |
| 0420 | Span Wire | 8200140 | 4.000 | Ea |
| 0430 | Span Wire Tether | 8200142 | 4.000 | Ea |
| 0440 | Cabinet, NEMA Type | 8200186 | 1.000 | Ea |
| 0450 | TS, One Way Span Wire Mtd (LED) | 8200313 | 8.000 | Ea |
| 0460 | TS, One Way Bracket Arm Mtd (LED) | 8200333 | 2.000 | Ea |
| 0470 | Bracket, Truss, With 18 Foot Arm | 8200378 | 3.000 | Ea |
| 0480 | Hemispherical Video Detection Camera | 8200444 | 1.000 | Ea |
| 0490 | Hemispherical Video Detection System | 8200445 | 1.000 | Ea |
| 0500 | Strain Pole, Steel, 6 bolt, 30 foot | 8200460 | 1.000 | Ea |
| 0510 | Strain Pole, Steel, 6 bolt, 36 foot | 8200461 | 3.000 | Ea |
| 0520 | Strain Pole Fdn, 6 Bolt | 8200470 | 54.000 | Ft |
| 0530 | Casing | 8200480 | 40.000 | Ft |
| 0540 | Cellular Modem, TS, 4G | 8200498 | 1.000 | Ea |
| 0550 | Backplate, TS | 8200501 | 10.000 | Ea |
| 0560 | Radar Vehicle Dilemma Zone Detector System | 8200520 | 1.000 | Ea |
| 0570 | Radar Vehicle Dilemma Zone Detector Sensor | 8200523 | 2.000 | Ea |
| 0580 | _ Controller, NEMA ATC Type | 8207050 | 1.000 | Ea |
| 0590 | ITS Grounding, Bonding, and Surge Protection | 8260020 | 1.000 | LSUM |
| 0600 | Lightning Protection, Pole | 8260021 | 1.000 | Ea |



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191004 027

Letting Date: October 4, 2019

Contract ID: 50052-206712

Description: Traffic signal modernization, ITS connected vehicle technology, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on M-3 at Market Place Boulevard, Macomb County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206712A | N/A | N/A | M 50052 |

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 \$24,800.00 | 1500001 | 1.000 | LSUM |
| 0030 | Curb and Gutter, Rem | 2040020 | 57.000 | Ft |
| 0040 | Pavt, Rem | 2040050 | 54.000 | Syd |
| 0050 | Sidewalk, Rem | 2040055 | 36.000 | Syd |
| 0060 | Exploratory Investigation, Vertical | 2040080 | 30.000 | Ft |
| 0070 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 100.000 | Cyd |
| 0080 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 4.000 | Ea |
| 0090 | Erosion Control, Maintenance, Sediment Removal | 2080026 | 2.000 | Cyd |
| 0100 | Erosion Control, Silt Fence | 2080036 | 25.000 | Ft |
| 0110 | Subbase, LM | 3010003 | 5.000 | Cyd |
| 0120 | Aggregate Base, 6 inch | 3020016 | 5.000 | Syd |
| 0130 | Maintenance Gravel, LM | 3060021 | 20.000 | Cyd |
| 0140 | HMA Surface, Rem | 5010005 | 23.000 | Syd |
| 0150 | HMA Quality Initiative | 5010007 | 1,000.000 | Dlr |
| 0160 | Hand Patching | 5010025 | 2.000 | Ton |
| 0170 | Lane Tie, Epoxy Anchored | 6030030 | 5.000 | Ea |
| 0180 | Pavt Repr, Nonreinf Conc, 9 inch | 6030046 | 4.000 | Syd |
| 0190 | Obstruction Removal | 7180100 | 2,000.000 | Dlr |
| 0200 | _ Pedestrian Path, Temp | 8007001 | 80.000 | Ft |
| 0210 | _ Managed Field Ethernet Switch, Fiber Capable | 8007050 | 1.000 | Ea |
| 0220 | _ Pedestrian Ramp, Temp | 8007050 | 2.000 | Ea |
| 0230 | _ Roadside Unit, Intersection | 8007050 | 1.000 | Ea |
| 0240 | Driveway, Nonreinf Conc, 8 inch | 8010007 | 1.000 | Syd |
| 0250 | Curb and Gutter, Conc, Det F4 | 8020038 | 7.000 | Ft |
| 0260 | Detectable Warning Surface | 8030010 | 10.000 | Ft |
| 0270 | Curb Ramp Opening, Conc | 8030030 | 9.000 | Ft |

| | | | | |
|------|--|---------|---------|------|
| 0280 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 120.000 | Sft |
| 0290 | Sidewalk, Conc, 4 inch | 8030044 | 175.000 | Sft |
| 0300 | Post, Steel, 3 lb | 8100371 | 64.000 | Ft |
| 0310 | Sign, Type IIIB | 8100405 | 22.000 | Sft |
| 0320 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 2.000 | Ea |
| 0330 | Pavt Mrkg, Ovly Cold Plastic, Only | 8110068 | 1.000 | Ea |
| 0340 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 2.000 | Ea |
| 0350 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | 8110093 | 318.000 | Ft |
| 0360 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 84.000 | Ft |
| 0370 | Pavt Mrkg, Thermopl, 4 inch, White | 8110195 | 100.000 | Ft |
| 0380 | Pavt Mrkg, Thermopl, 4 inch, Yellow | 8110196 | 350.000 | Ft |
| 0390 | Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow | 8110213 | 39.000 | Ft |
| 0400 | Rem Spec Mrkg | 8110343 | 350.000 | Sft |
| 0410 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 2.000 | Ea |
| 0420 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 2.000 | Ea |
| 0430 | Pedestrian Type II Barricade, Temp | 8120026 | 8.000 | Ea |
| 0440 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0450 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0460 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0470 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem | 8120211 | 992.000 | Ft |
| 0480 | Plastic Drum, Fluorescent, Furn | 8120252 | 34.000 | Ea |
| 0490 | Plastic Drum, Fluorescent, Oper | 8120253 | 34.000 | Ea |
| 0500 | Sign Cover | 8120310 | 4.000 | Ea |
| 0510 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 358.000 | Sft |
| 0520 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 358.000 | Sft |
| 0530 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 30.000 | Sft |
| 0540 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 30.000 | Sft |
| 0550 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0560 | Conduit, DB, 1, 1 1/2 inch | 8190027 | 30.000 | Ft |
| 0570 | Conduit, DB, 3, 3 inch | 8190035 | 20.000 | Ft |
| 0580 | Conduit, DB, 4, 3 inch | 8190038 | 10.000 | Ft |
| 0590 | Hh, Polymer Conc | 8190250 | 2.000 | Ea |
| 0600 | Hh, Round, 3 foot dia | 8190259 | 1.000 | Ea |
| 0610 | Hh, Round | 8190260 | 3.000 | Ea |
| 0620 | Cable, Sec, 600V, 1, 3/C#6 | 8190399 | 5.000 | Ft |
| 0630 | Conduit, Directional Bore, 2, 3 inch | 8190604 | 125.000 | Ft |
| 0640 | _ Conduit, DB, 1, 1 inch | 8197001 | 20.000 | Ft |
| 0650 | Controller Fdn, Base Mount | 8200045 | 1.000 | Ea |
| 0660 | TS, Managed Field Ethernet Switch, Layer 2, Copper | 8200088 | 1.000 | Ea |
| 0670 | Pedestal, Alum | 8200100 | 2.000 | Ea |
| 0680 | Pedestal, Fdn | 8200105 | 2.000 | Ea |
| 0690 | Power Co. (Est. Cost to Contractor) | 8200116 | 500.000 | Dir |
| 0700 | Pushbutton and Sign | 8200121 | 4.000 | Ea |
| 0710 | Serv Disconnect | 8200135 | 1.000 | Ea |
| 0720 | Span Wire | 8200140 | 3.000 | Ea |

| | | | | |
|------|--|---------|--------|------|
| 0730 | Cabinet, NEMA Type | 8200186 | 1.000 | Ea |
| 0740 | TS, Wireless Link, 5 Gigahertz, Remote | 8200275 | 1.000 | Ea |
| 0750 | TS, One Way Span Wire Mtd (LED) | 8200313 | 5.000 | Ea |
| 0760 | TS, One Way Span Wire Mtd, FYA (LED) | 8200314 | 1.000 | Ea |
| 0770 | Bracket, Truss, With 18 Foot Arm | 8200378 | 1.000 | Ea |
| 0780 | Hemispherical Video Detection Camera | 8200444 | 2.000 | Ea |
| 0790 | Hemispherical Video Detection System | 8200445 | 2.000 | Ea |
| 0800 | Strain Pole, Steel, 6 bolt, 30 foot | 8200460 | 1.000 | Ea |
| 0810 | Strain Pole, Steel, 6 bolt, 36 foot | 8200461 | 3.000 | Ea |
| 0820 | Strain Pole Fdn, 6 Bolt | 8200470 | 59.000 | Ft |
| 0830 | Casing | 8200480 | 46.000 | Ft |
| 0840 | Cellular Modem, TS, 4G | 8200498 | 1.000 | Ea |
| 0850 | _ Controller, NEMA ATC Type | 8207050 | 1.000 | Ea |
| 0860 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0870 | Staking Plan Errors and Extras, One Person | 8240020 | 2.000 | Hr |
| 0880 | Staking Plan Errors and Extras, Two Person | 8240021 | 2.000 | Hr |
| 0890 | Staking Plan Errors and Extras, Three Person | 8240022 | 2.000 | Hr |
| 0900 | ITS Grounding, Bonding, and Surge Protection | 8260020 | 1.000 | LSUM |
| 0910 | Lightning Protection, Pole | 8260021 | 1.000 | Ea |



Schedule of Pay Items

Report v1

Letting Call: 191004 028

Letting Date: October 4, 2019

Contract ID: 63191-208485

Description: Replacement of guardrail approach at 65 locations along I-96 from 5 Mile Road to I-696 and along M-5 from I-96 to Drake Road in the cities of Livonia, Novi and Farmington Hills, Oakland and Wayne Counties.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208485A | 1901129 | N/A | HSIP 63191 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$33,200.00 | 1500001 | 1.000 | LSUM |
| 0020 | Guardrail, Rem | 2040035 | 3,732.000 | Ft |
| 0030 | Exploratory Investigation, Vertical | 2040080 | 60.000 | Ft |
| 0040 | Embankment, CIP | 2050010 | 475.000 | Cyd |
| 0050 | Excavation, Earth | 2050016 | 290.000 | Cyd |
| 0060 | Guardrail, Type T | 8070002 | 275.000 | Ft |
| 0070 | Guardrail Approach Terminal, Type 2M | 8070044 | 55.000 | Ea |
| 0080 | Guardrail Reflector | 8070080 | 13.000 | Ea |
| 0090 | Delineator Reflector, Green | 8100133 | 55.000 | Ea |
| 0100 | Post, Rigid, Delineator | 8100361 | 55.000 | Ea |
| 0110 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 10.000 | Ea |
| 0120 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 10.000 | Ea |
| 0130 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 150.000 | Ea |
| 0140 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 150.000 | Ea |
| 0150 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0160 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0170 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0180 | Mobile Attenuator | 8120180 | 5.000 | Ea |
| 0190 | Plastic Drum, Fluorescent, Furn | 8120252 | 25.000 | Ea |
| 0200 | Plastic Drum, Fluorescent, Oper | 8120253 | 25.000 | Ea |
| 0210 | Sign Cover | 8120310 | 5.000 | Ea |
| 0220 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 500.000 | Sft |
| 0230 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 500.000 | Sft |
| 0240 | _ Turf Establishment, Performance | 8167011 | 5,000.000 | Syd |



Schedule of Pay Items

Report v1

Letting Call: 191004 029

Letting Date: October 4, 2019

Contract ID: 19062-110718

Description: Hot mix asphalt cold milling and resurfacing of the carpool lot on US-127 at M-21 in the northwest quadrant, Clinton County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 110718A | 1901127 | N/A | ST 19062 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$10,700.00 | 1500001 | 1.000 | LSUM |
| 0020 | Subgrade Undercutting, Type I | 2050040 | 66.000 | Cyd |
| 0030 | Project Cleanup | 2090001 | 1.000 | LSUM |
| 0040 | Aggregate Base, Conditioning | 3020050 | 581.000 | Syd |
| 0050 | Shoulder, CI II | 3070121 | 12.000 | Ton |
| 0060 | Cold Milling HMA Surface | 5010002 | 4,242.000 | Syd |
| 0070 | HMA Surface, Rem | 5010005 | 581.000 | Syd |
| 0080 | Hand Patching | 5010025 | 49.000 | Ton |
| 0090 | HMA, LVSP | 5010703 | 584.000 | Ton |
| 0100 | Post, Steel, 3 lb | 8100371 | 70.000 | Ft |
| 0110 | Sign, Type IIIA | 8100404 | 10.000 | Sft |
| 0120 | Pavt Mrkg, Preformed Thermoplastic, Accessible Sym | 8110204 | 5.000 | Ea |
| 0130 | Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White | 8110294 | 2,300.000 | Ft |
| 0140 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 10.000 | Ea |
| 0150 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 10.000 | Ea |
| 0160 | Lighted Arrow, Type C, Furn | 8120140 | 1.000 | Ea |
| 0170 | Lighted Arrow, Type C, Oper | 8120141 | 1.000 | Ea |
| 0180 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0190 | Plastic Drum, Fluorescent, Furn | 8120252 | 14.000 | Ea |
| 0200 | Plastic Drum, Fluorescent, Oper | 8120253 | 14.000 | Ea |
| 0210 | Sign Cover | 8120310 | 2.000 | Ea |
| 0220 | Sign, Portable, Changeable Message, Furn | 8120330 | 2.000 | Ea |
| 0230 | Sign, Portable, Changeable Message, Oper | 8120331 | 2.000 | Ea |
| 0240 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 260.000 | Sft |
| 0250 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 260.000 | Sft |
| 0260 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 55.000 | Sft |
| 0270 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 55.000 | Sft |



Schedule of Pay Items

Report v1

Letting Call: 191004 030

Letting Date: October 4, 2019

Contract ID: 07012-203964

Description: 8.25 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, concrete sidewalk and ramps, aggregate shoulders, adjust guardrail and pavement markings on US-41 from Falls River to south of Old US-41 and on M-38 from east of Bear Town Street to US-41 in the villages of L'Anse and Baraga, Baraga County. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203964A | 1901128 | N/A | NH 07012 |

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 \$235,400.00 | 1500001 | 1.000 | LSUM |
| 0030 | Curb and Gutter, Rem | 2040020 | 120.000 | Ft |
| 0040 | Sidewalk, Rem | 2040055 | 154.000 | Syd |
| 0050 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 5.000 | Cyd |
| 0060 | _ Berm Grading | 2057002 | 10.000 | Sta |
| 0070 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 51.000 | Ea |
| 0080 | Approach, CI II | 3070021 | 140.000 | Ton |
| 0090 | Shoulder, CI II | 3070121 | 2,763.000 | Ton |
| 0100 | Dr Structure Cover, Adj, Case 1 | 4030005 | 2.000 | Ea |
| 0110 | Pavt, Cleaning | 5010001 | 1.000 | LSUM |
| 0120 | Cold Milling HMA Surface | 5010002 | 56,892.000 | Syd |
| 0130 | Bump Grinding | 5010004 | 500.000 | Syd |
| 0140 | HMA Quality Initiative | 5010007 | 40,244.000 | Dlr |
| 0150 | Pavt for Butt Joints, Rem | 5010008 | 2,609.000 | Syd |
| 0160 | Longitudinal Joint Density Quality Initiative | 5010018 | 130,205.000 | Dlr |
| 0170 | Pavt Joint and Crack Repr, Det 7 | 5010020 | 3,032.000 | Ft |
| 0180 | Pavt Joint and Crack Repr, Det 8 | 5010021 | 500.000 | Ft |
| 0190 | Hand Patching | 5010025 | 293.000 | Ton |
| 0200 | HMA, 5E3 | 5010057 | 12,839.000 | Ton |
| 0210 | HMA Approach | 5010061 | 351.000 | Ton |
| 0220 | HMA, LVSP | 5010703 | 6,639.000 | Ton |
| 0230 | Detectable Warning Surface | 8030010 | 67.000 | Ft |
| 0240 | Curb Ramp Opening, Conc | 8030030 | 120.000 | Ft |
| 0250 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 584.000 | Sft |

| | | | | |
|------|--|---------|------------|------|
| 0260 | Sidewalk, Conc, 4 inch | 8030044 | 806.000 | Sft |
| 0270 | Guardrail Height, Adj | 8070100 | 2,510.000 | Ft |
| 0280 | Guardrail Post, Furn and Install, 72 inch | 8070101 | 5.000 | Ea |
| 0290 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | 8110093 | 95.000 | Ft |
| 0300 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow | 8110109 | 426.000 | Ft |
| 0310 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 190.000 | Ft |
| 0320 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 4,467.000 | Ft |
| 0330 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 51,091.000 | Ft |
| 0340 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 79,877.000 | Ft |
| 0350 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 4,467.000 | Ft |
| 0360 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 51,091.000 | Ft |
| 0370 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 79,877.000 | Ft |
| 0380 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0390 | Pavt Mrkg, Polyurea, Lane | 8110403 | 1.000 | Ea |
| 0400 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym | 8110405 | 11.000 | Ea |
| 0410 | Pavt Mrkg, Polyurea, Only | 8110410 | 3.000 | Ea |
| 0420 | Pavt Mrkg, Polyurea, Railroad Sym | 8110411 | 3.000 | Ea |
| 0430 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym | 8110412 | 4.000 | Ea |
| 0440 | Pavt Mrkg, Polyurea, School | 8110414 | 3.000 | Ea |
| 0450 | Protective Ovly, Snowmobile Trail Crossing | 8110550 | 90.000 | Syd |
| 0460 | _ Pavt Mrkg, Polyurea, Left | 8117050 | 1.000 | Ea |
| 0470 | _ Pavt Mrkg, Polyurea, Turn | 8117050 | 1.000 | Ea |
| 0480 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 6.000 | Ea |
| 0490 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 6.000 | Ea |
| 0500 | Pedestrian Type II Barricade, Temp | 8120026 | 10.000 | Ea |
| 0510 | Lighted Arrow, Type C, Furn | 8120140 | 3.000 | Ea |
| 0520 | Lighted Arrow, Type C, Oper | 8120141 | 3.000 | Ea |
| 0530 | Ltg for Night Work | 8120160 | 1.000 | LSUM |
| 0540 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0550 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp | 8120235 | 2,640.000 | Ft |
| 0560 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 5,280.000 | Ft |
| 0570 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 1,000.000 | Ft |
| 0580 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 11,000.000 | Ft |
| 0590 | Plastic Drum, Fluorescent, Furn | 8120252 | 400.000 | Ea |
| 0600 | Plastic Drum, Fluorescent, Oper | 8120253 | 400.000 | Ea |
| 0610 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar | 8120265 | 105.000 | Ft |
| 0620 | Sign Cover | 8120310 | 4.000 | Ea |
| 0630 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,272.000 | Sft |
| 0640 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,272.000 | Sft |
| 0650 | Traf Regulator Control | 8120370 | 1.000 | LSUM |

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|------|--|---------|------------|------|
| 0660 | _ Pilot Car, Corrugations | 8127051 | 1.000 | LSUM |
| 0670 | Slope Restoration, Type A | 8160100 | 200.000 | Syd |
| 0680 | Monument Box Adjust | 8210005 | 7.000 | Ea |
| 0690 | Monument Preservation | 8210010 | 29.000 | Ea |
| 0700 | Protect Corners | 8210020 | 5.000 | Ea |
| 0710 | Centerline Corrugations, Milled, HMA | 8220013 | 26,808.000 | Ft |
| 0720 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 20,546.000 | Ft |
| 0730 | Gate Box, Adj, Case 1 | 8230431 | 4.000 | Ea |
| 0740 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0750 | Staking Plan Errors and Extras, One Person | 8240020 | 19.000 | Hr |
| 0760 | Staking Plan Errors and Extras, Two Person | 8240021 | 8.000 | Hr |
| 0770 | Staking Plan Errors and Extras, Three Person | 8240022 | 11.000 | Hr |
| 0780 | _ Railroad Protection, at Grade Crossing | 8507060 | 5,000.000 | Dlr |



Schedule of Pay Items

Report v1

Letting Call: 191004 031

Letting Date: October 4, 2019

Contract ID: 41121-207934

Description: 9.43 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-46 from the east junction of M-46 to the US-131 southbound ramps in the village of Kent City, Kent County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207934A | 1901126 | N/A | ST 41121 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$199,900.00 | 1500001 | 1.000 | LSUM |
| 0020 | Shoulder, CI II | 3070121 | 1,919.000 | Ton |
| 0030 | _ Culv Cleanout | 4017001 | 150.000 | Ft |
| 0040 | Cold Milling HMA Surface | 5010002 | 217,318.000 | Syd |
| 0050 | Bump Grinding | 5010004 | 400.000 | Syd |
| 0060 | HMA Quality Initiative | 5010007 | 37,302.000 | Dlr |
| 0070 | Longitudinal Joint Density Quality Initiative | 5010018 | 65,655.000 | Dlr |
| 0080 | HMA, 5E1 | 5010056 | 17,684.000 | Ton |
| 0090 | HMA Approach | 5010061 | 967.000 | Ton |
| 0100 | Curb Sloped, HMA | 8050010 | 3,604.000 | Ft |
| 0110 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 5.000 | Ea |
| 0120 | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym | 8110069 | 2.000 | Ea |
| 0130 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 7.000 | Ea |
| 0140 | Pavt Mrkg, Ovly Cold Plastic, School | 8110074 | 2.000 | Ea |
| 0150 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | 8110093 | 878.000 | Ft |
| 0160 | Pavt Mrkg, Polyurea, 12 inch, Crosswalk | 8110110 | 84.000 | Ft |
| 0170 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 400.000 | Ft |
| 0180 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White | 8110153 | 2,200.000 | Ft |
| 0190 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow | 8110154 | 67,000.000 | Ft |
| 0200 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White | 8110155 | 94,000.000 | Ft |
| 0210 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0220 | Pedestrian Type II Barricade, Temp | 8120026 | 16.000 | Ea |
| 0230 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 200.000 | Ea |
| 0240 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 200.000 | Ea |
| 0250 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0260 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0270 | Minor Traf Devices | 8120170 | 1.000 | LSUM |

| | | | | |
|------|---|---------|------------|------|
| 0280 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 8,100.000 | Ft |
| 0290 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 8,100.000 | Ft |
| 0300 | Sign Cover | 8120310 | 20.000 | Ea |
| 0310 | Sign, Portable, Changeable Message, Furn | 8120330 | 2.000 | Ea |
| 0320 | Sign, Portable, Changeable Message, Oper | 8120331 | 2.000 | Ea |
| 0330 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,400.000 | Sft |
| 0340 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,400.000 | Sft |
| 0350 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0360 | _ Rumble Strip, Temp, Portable, Furn | 8127050 | 12.000 | Ea |
| 0370 | _ Rumble Strip, Temp, Portable, Oper | 8127050 | 12.000 | Ea |
| 0380 | TS Face, Bag | 8200458 | 24.000 | Ea |
| 0390 | TS Face, Bag, Rem | 8200459 | 24.000 | Ea |
| 0400 | Protect Corners | 8210020 | 18.000 | Ea |
| 0410 | Centerline Corrugations, Milled, HMA | 8220013 | 36,000.000 | Ft |
| 0420 | _ Railroad Protection, at Grade Crossing. | 8507060 | 2,000.000 | Dlr |



Schedule of Pay Items

Report v1

Letting Call: 191004 032

Letting Date: October 4, 2019

Contract ID: 31011-203972

Description: 14.38 mi of double chip seal, overband crack fill, gravel shoulders and pavement markings on M-26 from Twin Lakes Road north to Chassell-Painesdale Road, Houghton County. This project includes a 2 year pavement performance warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203972A | 1901121 | N/A | NH 31011 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$142,400.00 | 1500001 | 1.000 | LSUM |
| 0020 | _ Berm Grading | 2057002 | 118.000 | Sta |
| 0030 | Shoulder, CI II | 3070121 | 4,000.000 | Ton |
| 0040 | Pavt, Cleaning | 5010001 | 1.000 | LSUM |
| 0050 | Hand Patching | 5010025 | 20.000 | Ton |
| 0060 | HMA, LVSP | 5010703 | 30.000 | Ton |
| 0070 | Overband Crack Fill, Lane | 5020003 | 28.730 | Lnmi |
| 0080 | Chip Seal, Double, Warranty | 5050020 | 281,210.000 | Syd |
| 0090 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 69,200.000 | Ft |
| 0100 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 150,900.000 | Ft |
| 0110 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 69,200.000 | Ft |
| 0120 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 150,900.000 | Ft |
| 0130 | Rem Spec Mrkg | 8110343 | 2,070.000 | Sft |
| 0140 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dir |
| 0150 | Protective Ovly, Snowmobile Trail Crossing | 8110550 | 230.000 | Syd |
| 0160 | _ Traf Control | 8127051 | 1.000 | LSUM |
| 0170 | Fertilizer, Chemical Nutrient, CI A | 8160020 | 85.000 | Lb |
| 0180 | Mulch | 8160025 | 1,800.000 | Syd |
| 0190 | Mulch Anchoring | 8160026 | 1,800.000 | Syd |
| 0200 | Seeding, Mixture THV | 8160040 | 82.000 | Lb |
| 0210 | Topsoil Surface, Furn, 4 inch | 8160062 | 1,800.000 | Syd |
| 0220 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0230 | Staking Plan Errors and Extras, One Person | 8240020 | 12.000 | Hr |
| 0240 | Staking Plan Errors and Extras, Two Person | 8240021 | 5.000 | Hr |
| 0250 | Staking Plan Errors and Extras, Three Person | 8240022 | 7.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 033

Letting Date: October 4, 2019

Contract ID: 16091-204267

Description: 9.59 mi of overband crack sealing, single course chip sealing, fog sealing and pavement markings on I-75 northbound from North Central State Trail Bridge to north of Mullet-Burt Road and on I-75 southbound from North Central State Trail Bridge to north of M-27, Cheboygan County. This project includes a 2 year pavement performance warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204267A | 1901113 | N/A | NH 16091 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$86,500.00 | 1500001 | 1.000 | LSUM |
| 0020 | Shoulder, CI II | 3070121 | 1,520.000 | Ton |
| 0030 | Overband Crack Fill, Lane | 5020003 | 22.700 | Lnmi |
| 0040 | Overband Crack Fill, Ramp | 5020004 | 2.150 | Lnmi |
| 0050 | _ Overband Crack Fill, Carpool Parking Lot | 5027011 | 20,500.000 | Syd |
| 0060 | Seal, Single Chip | 5050001 | 20,500.000 | Syd |
| 0070 | Chip Seal, Single, Warranty | 5050040 | 225,046.000 | Syd |
| 0080 | _ Seal, Fog | 5057011 | 245,546.000 | Syd |
| 0090 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 2.000 | Ea |
| 0100 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 2.000 | Ea |
| 0110 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 95.000 | Ft |
| 0120 | Pavt Mrkg, Preformed Thermoplastic, Accessible Sym | 8110204 | 6.000 | Ea |
| 0130 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 12,700.000 | Ft |
| 0140 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 69,800.000 | Ft |
| 0150 | Pavt Mrkg, Waterborne, 6 inch, Yellow | 8110234 | 51,400.000 | Ft |
| 0160 | Pavt Mrkg, Waterborne, 12 inch, White | 8110237 | 4,510.000 | Ft |
| 0170 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 69,800.000 | Ft |
| 0180 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow | 8110254 | 51,400.000 | Ft |
| 0190 | Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White | 8110257 | 4,510.000 | Ft |
| 0200 | Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue | 8110293 | 6,000.000 | Ft |
| 0210 | Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White | 8110294 | 6,800.000 | Ft |
| 0220 | Rem Spec Mrkg | 8110343 | 348.000 | Sft |
| 0230 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0240 | Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White | 8110480 | 12,700.000 | Ft |
| 0250 | _ Traf Control | 8127051 | 1.000 | LSUM |



Schedule of Pay Items

Report v1

Letting Call: 191004 034

Letting Date: October 4, 2019

Contract ID: 36021-203887

Description: 4.76 mi of paver placed surface seal, overband crack fill, intermittent cold milling, shoulder aggregate and pavement markings on US-2 from Nordstrom Road easterly to Nash Creek, Iron County. This project includes a 3 year pavement performance warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203887A | 1901112 | N/A | NH 36021 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$80,900.00 | 1500001 | 1.000 | LSUM |
| 0020 | _ Berm Grading | 2057002 | 22.000 | Sta |
| 0030 | Shoulder, CI II | 3070121 | 1,215.000 | Ton |
| 0040 | Cold Milling HMA Surface | 5010002 | 2,179.000 | Syd |
| 0050 | Overband Crack Fill, Lane | 5020003 | 10.890 | Lnmi |
| 0060 | Paver Placed Surface Seal, Type C, Warranty | 5030041 | 121,532.000 | Syd |
| 0070 | Pavt Mrkg, Polyurea, Merge Arrow Symbol | 8110107 | 4.000 | Ea |
| 0080 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 1,120.000 | Ft |
| 0090 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 16,985.000 | Ft |
| 0100 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 50,400.000 | Ft |
| 0110 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 1,120.000 | Ft |
| 0120 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 16,985.000 | Ft |
| 0130 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 50,400.000 | Ft |
| 0140 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dir |
| 0150 | Lighted Arrow, Type C, Furn | 8120140 | 5.000 | Ea |
| 0160 | Lighted Arrow, Type C, Oper | 8120141 | 5.000 | Ea |
| 0170 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0180 | Plastic Drum, Fluorescent, Furn | 8120252 | 30.000 | Ea |
| 0190 | Plastic Drum, Fluorescent, Oper | 8120253 | 30.000 | Ea |
| 0200 | Sign Cover | 8120310 | 10.000 | Ea |
| 0210 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,000.000 | Sft |
| 0220 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,000.000 | Sft |
| 0230 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0240 | Protect Corners | 8210020 | 1.000 | Ea |
| 0250 | Centerline Corrugations, Milled, HMA | 8220013 | 25,133.000 | Ft |
| 0260 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 50,266.000 | Ft |



Schedule of Pay Items

Report v1

Letting Call: 191004 035

Letting Date: October 4, 2019

Contract ID: 57041-204014

Description: 10.01 mi of hot mix asphalt overlay, shoulders, delineators and pavement markings on M-42 from east of Business-131 to M-66 in the city of Manton, Wexford and Missaukee Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204014A | N/A | N/A | M 57041 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$56,600.00 | 1500001 | 1.000 | LSUM |
| 0020 | Approach, CI II | 3070021 | 49.000 | Ton |
| 0030 | Shoulder, CI II | 3070121 | 1,817.000 | Ton |
| 0040 | _ Trenching, Special | 3077002 | 15.000 | Sta |
| 0050 | HMA Surface, Rem | 5010005 | 4,657.000 | Syd |
| 0060 | HMA Quality Initiative | 5010007 | 9,980.000 | Dlr |
| 0070 | Pavt for Butt Joints, Rem | 5010008 | 402.000 | Syd |
| 0080 | Longitudinal Joint Density Quality Initiative | 5010018 | 21,215.000 | Dlr |
| 0090 | HMA Approach | 5010061 | 13.000 | Ton |
| 0100 | HMA, LVSP | 5010703 | 4,977.000 | Ton |
| 0110 | Curb Sloped, HMA | 8050010 | 2,360.000 | Ft |
| 0120 | Delineator Reflector, Green | 8100133 | 20.000 | Ea |
| 0130 | Delineator Reflector, White | 8100134 | 940.000 | Ea |
| 0140 | Delineator, Rem | 8100349 | 40.000 | Ea |
| 0150 | Post, Rigid, Delineator | 8100361 | 490.000 | Ea |
| 0160 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 21,000.000 | Ft |
| 0170 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 26,000.000 | Ft |
| 0180 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 21,000.000 | Ft |
| 0190 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 26,000.000 | Ft |
| 0200 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0210 | Recessing Pavt Mrkg, Longit | 8110450 | 26,000.000 | Ft |
| 0220 | Protective Ovly, Snowmobile Trail Crossing | 8110550 | 47.000 | Syd |
| 0230 | Lighted Arrow, Type C, Furn | 8120140 | 3.000 | Ea |
| 0240 | Lighted Arrow, Type C, Oper | 8120141 | 3.000 | Ea |
| 0250 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0260 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp | 8120235 | 26,000.000 | Ft |
| 0270 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, | 8120246 | 3,600.000 | Ft |

Yellow, Temp

| | | | | |
|------|--|---------|------------|------|
| 0280 | Plastic Drum, Fluorescent, Furn | 8120252 | 6.000 | Ea |
| 0290 | Plastic Drum, Fluorescent, Oper | 8120253 | 6.000 | Ea |
| 0300 | Sign Cover | 8120310 | 4.000 | Ea |
| 0310 | Sign, Portable, Changeable Message, Furn | 8120330 | 2.000 | Ea |
| 0320 | Sign, Portable, Changeable Message, Oper | 8120331 | 2.000 | Ea |
| 0330 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 588.000 | Sft |
| 0340 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 588.000 | Sft |
| 0350 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0360 | Monument Box | 8210001 | 1.000 | Ea |
| 0370 | Monument Preservation | 8210010 | 1.000 | Ea |
| 0380 | Centerline Corrugations, Milled, HMA | 8220013 | 12,995.000 | Ft |
| 0390 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 4,300.000 | Ft |



Schedule of Pay Items

Report v1

Letting Call: 191004 036

Letting Date: October 4, 2019

Contract ID: 31012-204315

Description: 3.86 mi of micro-surface, overband crack fill, concrete sidewalk ramps, shoulder gravel, centerline and shoulder corrugations, and pavement markings on M-26 from Kersearge Street to north of Cemetery Road in the village of South Range, Houghton County. This project includes a 2 year pavement performance warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204315A | 1901130 | N/A | NH 32012 |

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 \$59,700.00 | 1500001 | 1.000 | LSUM |
| 0030 | Curb and Gutter, Rem | 2040020 | 150.000 | Ft |
| 0040 | Sidewalk, Rem | 2040055 | 190.000 | Syd |
| 0050 | Excavation, Earth | 2050016 | 50.000 | Cyd |
| 0060 | Subbase, LM | 3010003 | 50.000 | Cyd |
| 0070 | Aggregate Base, 6 inch | 3020016 | 60.000 | Syd |
| 0080 | Shoulder, CI II | 3070121 | 338.000 | Ton |
| 0090 | Pavt, Cleaning | 5010001 | 1.000 | LSUM |
| 0100 | HMA Surface, Rem | 5010005 | 60.000 | Syd |
| 0110 | Hand Patching | 5010025 | 15.000 | Ton |
| 0120 | Overband Crack Fill, Lane | 5020003 | 10.390 | Lnmi |
| 0130 | Micro-Surface, Warranty | 5040030 | 106,740.000 | Syd |
| 0140 | Detectable Warning Surface | 8030010 | 180.000 | Ft |
| 0150 | Curb Ramp Opening, Conc | 8030030 | 150.000 | Ft |
| 0160 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 1,725.000 | Sft |
| 0170 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | 8110093 | 540.000 | Ft |
| 0180 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow | 8110109 | 50.000 | Ft |
| 0190 | Pavt Mrkg, Polyurea, 12 inch, Crosswalk | 8110110 | 180.000 | Ft |
| 0200 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 2,300.000 | Ft |
| 0210 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 37,400.000 | Ft |
| 0220 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 36,600.000 | Ft |
| 0230 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White | 8110251 | 2,300.000 | Ft |
| 0240 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 37,400.000 | Ft |
| 0250 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 36,600.000 | Ft |
| 0260 | Rem Spec Mrkg | 8110343 | 1,371.000 | Sft |
| 0270 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dir |

| | | | | |
|------|--|---------|------------|------|
| 0280 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym | 8110405 | 2.000 | Ea |
| 0290 | Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym | 8110417 | 1.000 | Ea |
| 0300 | Protective Ovly, Snowmobile Trail Crossing | 8110550 | 95.000 | Syd |
| 0310 | _ Traf Control | 8127051 | 1.000 | LSUM |
| 0320 | Slope Restoration, Type A | 8160100 | 35.000 | Syd |
| 0330 | Monument Box Adjust | 8210005 | 1.000 | Ea |
| 0340 | Centerline Corrugations, Milled, HMA | 8220013 | 11,600.000 | Ft |
| 0350 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 23,100.000 | Ft |
| 0360 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0370 | Staking Plan Errors and Extras, One Person | 8240020 | 5.000 | Hr |
| 0380 | Staking Plan Errors and Extras, Two Person | 8240021 | 2.000 | Hr |
| 0390 | Staking Plan Errors and Extras, Three Person | 8240022 | 3.000 | Hr |



Schedule of Pay Items

Report v1

Letting Call: 191004 037

Letting Date: October 4, 2019

Contract ID: 23042-206747

Description: Traffic signal modernization, concrete curb, gutter, sidewalk and ramps, pedestrian signals, wireless vehicle detection and pavement markings on M-43 at Delta Commerce Drive, Eaton County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206747A | N/A | N/A | M 23042 |

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 \$21,700.00 | 1500001 | 1.000 | LSUM |
| 0030 | Curb and Gutter, Rem | 2040020 | 73.000 | Ft |
| 0040 | Sidewalk, Rem | 2040055 | 114.000 | Syd |
| 0050 | Exploratory Investigation, Vertical | 2040080 | 20.000 | Ft |
| 0060 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 100.000 | Cyd |
| 0070 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 4.000 | Ea |
| 0080 | Erosion Control, Maintenance, Sediment Removal | 2080026 | 2.000 | Cyd |
| 0090 | Erosion Control, Silt Fence | 2080036 | 25.000 | Ft |
| 0100 | Maintenance Gravel, LM | 3060021 | 20.000 | Cyd |
| 0110 | HMA Surface, Rem | 5010005 | 8.000 | Syd |
| 0120 | HMA Quality Initiative | 5010007 | 32.000 | Dlr |
| 0130 | Hand Patching | 5010025 | 16.000 | Ton |
| 0140 | Lane Tie, Epoxy Anchored | 6030030 | 5.000 | Ea |
| 0150 | Pavt Repr, Nonreinf Conc, 9 inch | 6030046 | 4.000 | Syd |
| 0160 | _ Pedestrian Path, Temp | 8007001 | 80.000 | Ft |
| 0170 | _ Managed Field Ethernet Switch, Fiber Capable | 8007050 | 1.000 | Ea |
| 0180 | _ Pedestrian Ramp, Temp | 8007050 | 2.000 | Ea |
| 0190 | _ Roadside Unit, Intersection | 8007050 | 1.000 | Ea |
| 0200 | Driveway, Nonreinf Conc, 8 inch | 8010007 | 1.000 | Syd |
| 0210 | Curb and Gutter, Conc, Det F4 | 8020038 | 75.000 | Ft |
| 0220 | Detectable Warning Surface | 8030010 | 21.000 | Ft |
| 0230 | Curb Ramp Opening, Conc | 8030030 | 62.000 | Ft |
| 0240 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 131.000 | Sft |
| 0250 | Sidewalk, Conc, 6 inch | 8030046 | 132.000 | Sft |
| 0260 | Sign, Type III, Rem | 8100403 | 1.000 | Ea |
| 0270 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | 8110093 | 120.000 | Ft |

| | | | | |
|------|--|---------|-----------|------|
| 0280 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 40.000 | Ft |
| 0290 | Rem Spec Mrkg | 8110343 | 350.000 | Sft |
| 0300 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 2.000 | Ea |
| 0310 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 2.000 | Ea |
| 0320 | Pedestrian Type II Barricade, Temp | 8120026 | 8.000 | Ea |
| 0330 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0340 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0350 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0360 | Plastic Drum, Fluorescent, Furn | 8120252 | 34.000 | Ea |
| 0370 | Plastic Drum, Fluorescent, Oper | 8120253 | 34.000 | Ea |
| 0380 | Sign Cover | 8120310 | 4.000 | Ea |
| 0390 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 358.000 | Sft |
| 0400 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 358.000 | Sft |
| 0410 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0420 | Conduit, DB, 1, 1 1/2 inch | 8190027 | 110.000 | Ft |
| 0430 | Conduit, DB, 3, 3 inch | 8190035 | 30.000 | Ft |
| 0440 | Conduit, DB, 4, 3 inch | 8190038 | 10.000 | Ft |
| 0450 | Hh, Polymer Conc | 8190250 | 2.000 | Ea |
| 0460 | Hh, Round, 3 foot dia | 8190259 | 1.000 | Ea |
| 0470 | Hh, Round | 8190260 | 3.000 | Ea |
| 0480 | Cable, Sec, 600V, 1, 3/C#6 | 8190399 | 30.000 | Ft |
| 0490 | _ Conduit, DB, 1, 1 inch | 8197001 | 20.000 | Ft |
| 0500 | Case Sign (LED), One Way, 24 inch by 30 inch | 8200029 | 2.000 | Ea |
| 0510 | Controller Fdn, Base Mount | 8200045 | 1.000 | Ea |
| 0520 | Global Positioning System Module | 8200050 | 1.000 | Ea |
| 0530 | TS, Managed Field Ethernet Switch, Layer 2, Copper | 8200088 | 1.000 | Ea |
| 0540 | Pedestal, Alum | 8200100 | 4.000 | Ea |
| 0550 | Pedestal, Fdn | 8200105 | 4.000 | Ea |
| 0560 | Power Co. (Est. Cost to Contractor) | 8200116 | 1,000.000 | Dir |
| 0570 | Pushbutton and Sign | 8200121 | 6.000 | Ea |
| 0580 | Span Wire | 8200140 | 2.000 | Ea |
| 0590 | Span Wire Tether | 8200142 | 3.000 | Ea |
| 0600 | Cabinet, NEMA Type | 8200186 | 1.000 | Ea |
| 0610 | TS, One Way Span Wire Mtd (LED) | 8200313 | 6.000 | Ea |
| 0620 | TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown | 8200336 | 2.000 | Ea |
| 0630 | TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown | 8200345 | 4.000 | Ea |
| 0640 | Wireless Intercn, Closed Loop, Remote | 8200395 | 1.000 | Ea |
| 0650 | Wireless Vehicle Detection System | 8200422 | 1.000 | Ea |
| 0660 | Wireless Vehicle Sensor Node | 8200425 | 6.000 | Ea |
| 0670 | Strain Pole, Steel, 6 bolt, 30 foot | 8200460 | 3.000 | Ea |
| 0680 | Strain Pole, Steel, 6 bolt, 36 foot | 8200461 | 1.000 | Ea |
| 0690 | Strain Pole Fdn, 6 Bolt | 8200470 | 56.000 | Ft |
| 0700 | Casing | 8200480 | 21.000 | Ft |

| | | | | |
|------|--|---------|-------|------|
| 0710 | Cellular Modem, TS, 4G | 8200498 | 1.000 | Ea |
| 0720 | Backplate, TS | 8200501 | 6.000 | Ea |
| 0730 | _ Controller, NEMA, ATC Type | 8207050 | 1.000 | Ea |
| 0740 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0750 | Staking Plan Errors and Extras, One Person | 8240020 | 8.000 | Hr |
| 0760 | Staking Plan Errors and Extras, Two Person | 8240021 | 8.000 | Hr |
| 0770 | Staking Plan Errors and Extras, Three Person | 8240022 | 8.000 | Hr |
| 0780 | ITS Grounding, Bonding, and Surge Protection | 8260020 | 1.000 | LSUM |
| 0790 | Lightning Protection, Pole | 8260021 | 1.000 | Ea |



Schedule of Pay Items

Report v1

Letting Call: 191004 038

Letting Date: October 4, 2019

Contract ID: 31051-208053

Description: 0.07 mi of hot mix asphalt surfacing, earthwork, drainage, culvert replacement, cofferdam, steel sheet piling, riprap and pavement markings on US-41 over an unnamed stream, Houghton County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208053A | FED/STATE | N/A | ER 31051 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$120,700.00 | 1500001 | 1.000 | LSUM |
| 0020 | Culv, End, Rem, Less than 24 inch | 2030005 | 1.000 | Ea |
| 0030 | Sewer, Rem, Less than 24 inch | 2030015 | 23.000 | Ft |
| 0040 | Pavt, Rem | 2040050 | 315.000 | Syd |
| 0050 | Embankment, CIP | 2050010 | 660.000 | Cyd |
| 0060 | Excavation, Earth | 2050016 | 510.000 | Cyd |
| 0070 | _ Embankment, CIP, Special | 2057021 | 1,675.000 | Cyd |
| 0080 | Erosion Control, Check Dam, Stone | 2080012 | 20.000 | Ft |
| 0090 | Erosion Control, Inlet Protection, Sediment Trap | 2080024 | 1.000 | Ea |
| 0100 | Erosion Control, Sediment Trap | 2080034 | 1.000 | Ea |
| 0110 | Erosion Control, Silt Fence | 2080036 | 960.000 | Ft |
| 0120 | Subbase, CIP | 3010002 | 465.000 | Cyd |
| 0130 | Aggregate Base, 6 inch | 3020016 | 865.000 | Syd |
| 0140 | Shoulder, CI II, 4 inch | 3070126 | 71.000 | Syd |
| 0150 | Shoulder, CI II, 6 inch | 3070128 | 142.000 | Syd |
| 0160 | Trenching | 3070200 | 5.000 | Sta |
| 0170 | Culv End Sect, 18 inch | 4010018 | 1.000 | Ea |
| 0180 | Sewer, CI A, 18 inch, Tr Det A | 4020006 | 13.000 | Ft |
| 0190 | Sewer Tap, 18 inch | 4021206 | 1.000 | Ea |
| 0200 | Dr Structure Cover, Type B | 4030010 | 1.000 | Ea |
| 0210 | Dr Structure, 48 inch dia | 4030210 | 1.000 | Ea |
| 0220 | Dr Structure, Tap, 18 inch | 4030318 | 1.000 | Ea |
| 0230 | HMA Surface, Rem | 5010005 | 931.000 | Syd |
| 0240 | HMA Quality Initiative | 5010007 | 804.000 | Dir |
| 0250 | Pavt for Butt Joints, Rem | 5010008 | 500.000 | Syd |
| 0260 | Longitudinal Joint Density Quality Initiative | 5010018 | 365.000 | Dir |
| 0270 | HMA, 4E3 | 5010051 | 222.000 | Ton |

| | | | | |
|------|--|---------|-----------|------|
| 0280 | HMA, 5E3 | 5010057 | 180.000 | Ton |
| 0290 | _ High Performance Biaxial Geogrid | 7007011 | 637.000 | Syd |
| 0300 | Conc, Grade S2 | 7060011 | 2.000 | Cyd |
| 0310 | Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn | 7060202 | 250.000 | Sft |
| 0320 | Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install | 7060203 | 250.000 | Sft |
| 0330 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 2,343.000 | Ft |
| 0340 | Pavt Mrkg, Waterborne, 6 inch, White | 8110233 | 3,870.000 | Ft |
| 0350 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 2,343.000 | Ft |
| 0360 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White | 8110253 | 3,870.000 | Ft |
| 0370 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dir |
| 0380 | Recessing Pavt Mrkg, Longit | 8110450 | 730.000 | Ft |
| 0390 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 11.000 | Ea |
| 0400 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 11.000 | Ea |
| 0410 | Conc Barrier Ending, Temp, Detail 2, Adj | 8120040 | 6.000 | Ea |
| 0420 | Conc Barrier Ending, Temp, Detail 2, Furn | 8120041 | 2.000 | Ea |
| 0430 | Conc Barrier Ending, Temp, Detail 2, Oper | 8120042 | 2.000 | Ea |
| 0440 | Conc Barrier, Temp, Adj | 8120080 | 1,077.000 | Ft |
| 0450 | Conc Barrier, Temp, Furn | 8120081 | 371.000 | Ft |
| 0460 | Conc Barrier, Temp, Oper | 8120082 | 371.000 | Ft |
| 0470 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0480 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0490 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0500 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 1,584.000 | Ft |
| 0510 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem | 8120211 | 115.000 | Ft |
| 0520 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 1,169.000 | Ft |
| 0530 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 3,740.000 | Ft |
| 0540 | Plastic Drum, Fluorescent, Furn | 8120252 | 50.000 | Ea |
| 0550 | Plastic Drum, Fluorescent, Oper | 8120253 | 50.000 | Ea |
| 0560 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar | 8120265 | 115.000 | Ft |
| 0570 | PTS System, Temp, Furn | 8120270 | 1.000 | Ea |
| 0580 | PTS System, Temp, Oper | 8120271 | 1.000 | Ea |
| 0590 | Sign Cover | 8120310 | 5.000 | Ea |
| 0600 | Sign, Portable, Changeable Message, Furn | 8120330 | 2.000 | Ea |
| 0610 | Sign, Portable, Changeable Message, Oper | 8120331 | 2.000 | Ea |
| 0620 | Sign, Type A, Temp, Prismatic, Furn | 8120340 | 30.000 | Sft |
| 0630 | Sign, Type A, Temp, Prismatic, Oper | 8120341 | 30.000 | Sft |
| 0640 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 353.000 | Sft |
| 0650 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 353.000 | Sft |
| 0660 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0670 | Slope Restoration, Type A | 8160100 | 333.000 | Syd |

| | | | | |
|------|--|---------|---------|------|
| 0680 | Slope Restoration, Type B | 8160101 | 520.000 | Syd |
| 0690 | Centerline Corrugations, Milled, HMA | 8220013 | 365.000 | Ft |
| 0700 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 730.000 | Ft |
| 0710 | Contractor Staking | 8240001 | 1.000 | LSUM |
| 0720 | Staking Plan Errors and Extras, One Person | 8240020 | 10.000 | Hr |
| 0730 | Staking Plan Errors and Extras, Two Person | 8240021 | 4.000 | Hr |
| 0740 | Staking Plan Errors and Extras, Three Person | 8240022 | 6.000 | Hr |

Section: 2

| | | | | |
|------|--|---------|-----------|------|
| 0750 | Culv, Rem, Over 48 inch | 2030003 | 1.000 | Ea |
| 0760 | Masonry and Conc Structure, Rem | 2040045 | 10.000 | Cyd |
| 0770 | Structures, Rem (C03 of 31051) | 2040060 | 1.000 | LSUM |
| 0780 | Excavation, Rock | 2050018 | 5.000 | Cyd |
| 0790 | Backfill, Structure, CIP | 2060002 | 475.000 | Cyd |
| 0800 | Excavation, Fdn | 2060010 | 3,030.000 | Cyd |
| 0810 | Erosion Control, Filter Bag | 2080014 | 6.000 | Ea |
| 0820 | Erosion Control, Gravel Filter Berm | 2080018 | 180.000 | Ft |
| 0830 | Erosion Control, Maintenance, Sediment Removal | 2080026 | 5.000 | Cyd |
| 0840 | Erosion Control, Sand Bag | 2080028 | 800.000 | Ea |
| 0850 | Erosion Control, Sediment Basin | 2080032 | 5.000 | Cyd |
| 0860 | Geotextile, Separator | 3080005 | 730.000 | Syd |
| 0870 | Culv, CI A, CSP, 60 inch | 4010208 | 125.000 | Ft |
| 0880 | Culv Bedding, Box Culv | 4060005 | 185.000 | Cyd |
| 0890 | _ Culv, Precast Conc Box, 16 foot by 12 foot | 4067001 | 92.000 | Ft |
| 0900 | Steel Sheet Piling, Temp, Left in Place | 7040003 | 1,120.000 | Sft |
| 0910 | _ Cofferdam, Left in Place, Special (C03 of 31051) | 7047051 | 1.000 | LSUM |
| 0920 | Reinforcement, Steel, Epoxy Coated | 7060092 | 4,478.000 | Lb |
| 0930 | Substructure Conc, High Performance | 7060101 | 50.000 | Cyd |
| 0940 | Joint Waterproofing | 7100001 | 144.000 | Sft |
| 0950 | Riprap, Plain | 8130010 | 270.000 | Syd |



Schedule of Pay Items

Report v1

Letting Call: 191004 039

Letting Date: October 4, 2019

Contract ID: 82000-203324

Description: Concrete driveway, curb, gutter, sidewalk and ramps, drainage, signing and pavement markings at 9 schools 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 |
|----------------|------------------------|---------------------|-----------------|
| 203324A | 1901035 | N/A | TA 82000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$186,100.00 | 1500001 | 1.000 | LSUM |
| 0020 | Masonry and Conc Structure, Rem | 2040045 | 11.000 | Cyd |
| 0030 | _ Curb, Rem, Modified | 2047001 | 5,997.000 | Ft |
| 0040 | _ Sidewalk, Rem, Modified | 2047011 | 19,016.000 | Syd |
| 0050 | Excavation, Earth | 2050016 | 200.000 | Cyd |
| 0060 | Granular Material, CI II | 2050023 | 70.000 | Cyd |
| 0070 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 226.000 | Cyd |
| 0080 | _ Dr Structure Cleaning, Modified | 4037050 | 12.000 | Ea |
| 0090 | _ Dr Structure Cover, Adj, Case 1, Special | 4037050 | 10.000 | Ea |
| 0100 | _ Dr Structure Cover, Type COD-1, Modified | 4037050 | 1.000 | Ea |
| 0110 | _ Dr Structure Cover, Type COD-2, Modified | 4037050 | 2.000 | Ea |
| 0120 | _ Reconstructing Dr Structure, Case 1, Modified | 4037050 | 2.000 | Ea |
| 0130 | HMA Patch, Rem | 5010006 | 200.000 | Syd |
| 0140 | Hand Patching | 5010025 | 63.000 | Ton |
| 0150 | Driveway, Nonreinf Conc, 8 inch | 8010007 | 800.000 | Syd |
| 0160 | Curb and Gutter, Conc, Det C3 | 8020022 | 1,539.000 | Ft |
| 0170 | Detectable Warning Surface | 8030010 | 2,580.000 | Ft |
| 0180 | Curb Ramp Opening, Conc | 8030030 | 4,458.000 | Ft |
| 0190 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 36,612.000 | Sft |
| 0200 | Sidewalk, Conc, 4 inch | 8030044 | 121,003.000 | Sft |
| 0210 | Sidewalk, Conc, 6 inch | 8030046 | 10,196.000 | Sft |
| 0220 | _ Sidewalk, Conc, 4 inch, With Tree Roots, Modified | 8037010 | 2,452.000 | Sft |
| 0230 | _ Sidewalk, Conc, 6 inch, With Tree Roots, Modified | 8037010 | 212.000 | Sft |
| 0240 | Band, Sign | 8100010 | 20.000 | Ea |
| 0250 | Post Hole Through Conc for Steel Post | 8100340 | 11.000 | Ea |
| 0260 | Post, Steel, 3 lb | 8100371 | 1,518.000 | Ft |
| 0270 | Sign, Type III, Rem | 8100403 | 23.000 | Ea |

| | | | | |
|------|--|---------|------------|------|
| 0280 | Sign, Type IIIB | 8100405 | 1,483.000 | Sft |
| 0290 | _ Driver's Speed Feedback Sign | 8107050 | 10.000 | Ea |
| 0300 | _ DSFS, New Fndtn & Pole | 8107050 | 2.000 | Ea |
| 0310 | _ DSFS, Remove Old Sign | 8107050 | 10.000 | Ea |
| 0320 | _ DSFS, Remove Old Solar Panel | 8107050 | 7.000 | Ea |
| 0330 | _ DSFS, Solar Panel, Power Supply | 8107050 | 7.000 | Ea |
| 0340 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 2,429.000 | Ft |
| 0350 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk | 8110041 | 12,539.000 | Ft |
| 0360 | Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar | 8110044 | 842.000 | Ft |
| 0370 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 12.000 | Ea |
| 0380 | Pavt Mrkg, Ovly Cold Plastic, Only | 8110068 | 14.000 | Ea |
| 0390 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 2.000 | Ea |
| 0400 | Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym | 8110077 | 2.000 | Ea |
| 0410 | Pavt Mrkg, Thermopl, 6 inch, White | 8110198 | 369.000 | Ft |
| 0420 | Pavt Mrkg, Thermopl, 12 inch, Crosswalk | 8110214 | 540.000 | Ft |
| 0430 | Pavt Mrkg, Thermopl, 18 inch, Stop Bar | 8110217 | 83.000 | Ft |
| 0440 | Rem Spec Mrkg | 8110343 | 2,652.000 | Sft |
| 0450 | _ Recessing for Pavt Mrkg, 06 inch | 8117001 | 2,798.000 | Ft |
| 0460 | _ Recessing for Pavt Mrkg, 12 inch | 8117001 | 13,079.000 | Ft |
| 0470 | _ Recessing for Pavt Mrkg, 18 inch | 8117001 | 925.000 | Ft |
| 0480 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 22.000 | Ea |
| 0490 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 22.000 | Ea |
| 0500 | Pedestrian Type II Barricade, Temp | 8120026 | 18.000 | Ea |
| 0510 | Pedestrian Type II Channelizer, Temp | 8120027 | 180.000 | Ft |
| 0520 | Lighted Arrow, Type C, Furn | 8120140 | 9.000 | Ea |
| 0530 | Lighted Arrow, Type C, Oper | 8120141 | 9.000 | Ea |
| 0540 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0550 | Plastic Drum, High Intensity, Furn | 8120250 | 90.000 | Ea |
| 0560 | Plastic Drum, High Intensity, Oper | 8120251 | 90.000 | Ea |
| 0570 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 180.000 | Sft |
| 0580 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 180.000 | Sft |
| 0590 | Slope Restoration, Type A | 8160100 | 6,338.000 | Syd |
| 0600 | _ Water Shutoff, Adj, Case 1, Modified | 8237050 | 5.000 | Ea |



9/13/2019 9:24 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191004 040**Letting Date:** October 4, 2019**Contract ID:** 46000-133151

Description: Bridge removal and replacement with prestressed concrete I-beams, replace hot mix asphalt bridge surface, concrete curb and gutter, sidewalk, sidewalk ramps, culverts, drainage, sewer, guardrail, clean and coat structural steel, substructure repairs, steel piles, cofferdams, approach work and pavement markings on 2 structures on West Main Street over Bean Creek and on East Main Street over Silver Creek in the city of Morenci, Lenawee County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 133151A | N/A | N/A | MCS 46000 |
| 133152A | N/A | N/A | MCS 46000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|-----------------------------------|---------|----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$130,300.00 | 1500001 | 1.000 | LSUM |
| 0020 | _ Clearing, Modified | 2017002 | 2.000 | Sta |
| 0030 | Culv, End, Rem, Less than 24 inch | 2030005 | 1.000 | Ea |
| 0040 | Dr Structure, Rem | 2030011 | 5.000 | Ea |
| 0050 | Sewer, Rem, Less than 24 inch | 2030015 | 81.000 | Ft |
| 0060 | Sewer, Rem, 24 inch to 48 inch | 2030016 | 74.000 | Ft |
| 0070 | Curb and Gutter, Rem | 2040020 | 232.000 | Ft |
| 0080 | Guardrail, Rem | 2040035 | 25.000 | Ft |
| 0090 | Sidewalk, Rem | 2040055 | 902.000 | Syd |
| 0100 | Embankment, CIP | 2050010 | 50.000 | Cyd |
| 0110 | Excavation, Earth | 2050016 | 450.000 | Cyd |
| 0120 | Subgrade Undercutting, Type II | 2050041 | 50.000 | Cyd |
| 0130 | Erosion Control, Silt Fence | 2080036 | 208.000 | Ft |
| 0140 | Subbase, CIP | 3010002 | 250.000 | Cyd |
| 0150 | Aggregate Base | 3020001 | 450.000 | Ton |
| 0160 | Aggregate Base, 8 inch | 3020020 | 250.000 | Syd |
| 0170 | Shoulder, CI II, 6 inch | 3070128 | 140.000 | Syd |
| 0180 | Culv End Sect, Conc, 12 inch | 4010047 | 1.000 | Ea |
| 0190 | Culv End Sect, Conc, 30 inch | 4010052 | 1.000 | Ea |
| 0200 | Culv End Sect, Grate | 4010083 | 523.000 | Lb |
| 0210 | Culv End Sect, Salv, over 30 inch | 4010120 | 1.000 | Ea |
| 0220 | Sewer, CI E, 12 inch, Tr Det B | 4020600 | 94.000 | Ft |
| 0230 | Sewer, CI E, 30 inch, Tr Det B | 4020604 | 29.000 | Ft |
| 0240 | Sewer, CI E, 48 inch, Tr Det B | 4020607 | 56.000 | Ft |
| 0250 | Sewer Tap, 12 inch | 4021204 | 1.000 | Ea |

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|------|--|---------|---------|------|
| 0260 | Sewer Tap, 18 inch | 4021206 | 2.000 | Ea |
| 0270 | Sewer Tap, 48 inch | 4021211 | 1.000 | Ea |
| 0280 | Video Taping Sewer and Culv Pipe | 4021275 | 179.000 | Ft |
| 0290 | Dr Structure Cover, Type B | 4030010 | 4.000 | Ea |
| 0300 | Dr Structure Cover, Type K | 4030050 | 3.000 | Ea |
| 0310 | Dr Structure, 24 inch dia | 4030200 | 2.000 | Ea |
| 0320 | Dr Structure, 48 inch dia | 4030210 | 2.000 | Ea |
| 0330 | Dr Structure, 60 inch dia | 4030220 | 1.000 | Ea |
| 0340 | Dr Structure, 72 inch dia | 4030230 | 2.000 | Ea |
| 0350 | Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot | 4030250 | 5.000 | Ft |
| 0360 | Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot | 4030260 | 3.000 | Ft |
| 0370 | Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot | 4030270 | 9.000 | Ft |
| 0380 | HMA Surface, Rem | 5010005 | 708.000 | Syd |
| 0390 | HMA, LVSP | 5010703 | 148.000 | Ton |
| 0400 | Curb and Gutter, Conc, Det F4 | 8020038 | 208.000 | Ft |
| 0410 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 102.000 | Sft |
| 0420 | Sidewalk, Conc, 6 inch | 8030046 | 800.000 | Sft |
| 0430 | Guardrail, Curved, Type T | 8070011 | 50.000 | Ft |
| 0440 | Guardrail Anch, Bridge, Det A1 | 8070020 | 2.000 | Ea |
| 0450 | Guardrail Anch, Bridge, Det T1 | 8070022 | 4.000 | Ea |
| 0460 | Guardrail Departing Terminal, Type T | 8070051 | 6.000 | Ea |
| 0470 | Guardrail Reflector | 8070080 | 46.000 | Ea |
| 0480 | Post, Mailbox | 8070095 | 1.000 | Ea |
| 0490 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 448.000 | Ft |
| 0500 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 448.000 | Ft |
| 0510 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 13.000 | Ea |
| 0520 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 13.000 | Ea |
| 0530 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0540 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 851.000 | Sft |
| 0550 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 851.000 | Sft |
| 0560 | _ Slope Restoration, Modified | 8167011 | 150.000 | Syd |

Section: 2

| | | | | |
|------|-----------------------------------|---------|-----------|------|
| 0570 | Structures, Rem (SN 5724) | 2040060 | 1.000 | LSUM |
| 0580 | Backfill, Structure, CIP | 2060002 | 750.000 | Cyd |
| 0590 | Excavation, Fdn | 2060010 | 2,150.000 | Cyd |
| 0600 | Erosion Control, Filter Bag | 2080014 | 2.000 | Ea |
| 0610 | _ Turbidity Curtain, Modified | 2087001 | 200.000 | Ft |
| 0620 | Underdrain, Fdn, 4 inch | 4040031 | 68.000 | Ft |
| 0630 | Underdrain Outlet, 4 inch | 4040091 | 16.000 | Ft |
| 0640 | Underdrain, Outlet Ending, 4 inch | 4040111 | 2.000 | Ea |
| 0650 | Joint, Expansion, E3 | 6020208 | 42.000 | Ft |

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|------|--|---------|------------|------|
| 0660 | Cofferdams (SN 5724) | 7040007 | 1.000 | LSUM |
| 0670 | Pile Driving Equipment, Furn (SN (5724) | 7050002 | 1.000 | LSUM |
| 0680 | Pile, Steel, Furn and Driven, 12 inch | 7050030 | 2,872.000 | Ft |
| 0690 | Test Pile, Steel, 12 inch | 7050031 | 2.000 | Ea |
| 0700 | Pile, Steel, Splice | 7050050 | 54.000 | Ea |
| 0710 | Bridge Ltg, Furn and Rem (SN 5724) | 7060001 | 1.000 | LSUM |
| 0720 | Bridge Ltg, Oper and Maintain | 7060002 | 91.000 | Cyd |
| 0730 | Conc, Grade T | 7060013 | 136.000 | Cyd |
| 0740 | Conc, Low Temperature Protection | 7060020 | 473.000 | Cyd |
| 0750 | False Decking | 7060060 | 5,352.000 | Sft |
| 0760 | Reinforcement, Steel, Epoxy Coated | 7060092 | 61,301.000 | Lb |
| 0770 | Substructure Conc | 7060100 | 315.000 | Cyd |
| 0780 | Superstructure Conc | 7060110 | 67.000 | Cyd |
| 0790 | Superstructure Conc, Form, Finish, and Cure (SN 5724) | 7060111 | 1.000 | LSUM |
| 0800 | Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 5724) | 7060112 | 1.000 | LSUM |
| 0810 | Superstructure Conc, Night Casting | 7060113 | 91.000 | Cyd |
| 0820 | Bearing, Elastomeric, 1 inch | 7070012 | 1,064.000 | Sin |
| 0830 | Bearing, Elastomeric, 1 1/4 inch | 7070013 | 1,064.000 | Sin |
| 0840 | Steel Diaphragm, Prest Conc Beam, Furn and Fab | 7070053 | 2,230.000 | Lb |
| 0850 | Steel Diaphragm, Prest Conc Beam, Erect | 7070054 | 2,230.000 | Lb |
| 0860 | Prest Conc I Beam, Furn, 45 inch | 7080029 | 334.000 | Ft |
| 0870 | Prest Conc I Beam, Erect, 45 inch | 7080030 | 334.000 | Ft |
| 0880 | Joint Waterproofing | 7100001 | 73.000 | Sft |
| 0890 | Joint Waterproofing, Expansion | 7100003 | 304.000 | Sft |
| 0900 | Membrane, Preformed Waterproofing | 7100008 | 2,660.000 | Sft |
| 0910 | _ Silane Treatment | 7107010 | 1,800.000 | Sft |
| 0920 | Bridge Railing, Thrie Beam Retrofit | 7110006 | 152.000 | Ft |
| 0930 | Bridge Railing, 4 Tube | 7110010 | 78.000 | Ft |
| 0940 | Hand Chipping, Shallow | 7120003 | 25.000 | Syd |
| 0950 | Hand Chipping, Other Than Deck | 7120007 | 7.000 | Cft |
| 0960 | Patching Mortar or Conc | 7120016 | 50.000 | Cft |
| 0970 | Patch, Forming | 7120017 | 213.000 | Sft |
| 0980 | Flushing Cracks, Water | 7120098 | 12.000 | Ft |
| 0990 | Structural Crack, Repr | 7120099 | 12.000 | Ft |
| 1000 | Patching Conc, C-L | 7120112 | 1.000 | Cyd |
| 1010 | Steel Structure, Cleaning, Type 4 (SN 5723) | 7150045 | 1.000 | LSUM |
| 1020 | Steel Structure, Coating, Type 4 (SN 5723) | 7150046 | 1.000 | LSUM |
| 1030 | Deck Drain, Extension | 7170065 | 6.000 | Ea |
| 1040 | Riprap, Heavy | 8130005 | 550.000 | Syd |



Schedule of Pay Items

Report v1

Letting Call: 191004 041

Letting Date: October 4, 2019

Contract ID: 50051-132554

Description: 0.43 mi of streetscaping including landscaping, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer, traffic signal replacement and pavement markings on Utica Road from Lincoln Drive to Gratiot Avenue and at 12 Mile Road in the city of Roseville, Macomb County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 132554A | 1900936 | N/A | TAU 50051 |
| 203417A | 1900937 | N/A | HSIP 50000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | _ Reimbursed Permit Fees | 1077060 | 5,000.000 | Dir |
| 0020 | Mobilization, Max \$99,900.00 | 1500001 | 1.000 | LSUM |
| 0030 | Tree, Rem, 6 inch to 18 inch | 2020004 | 2.000 | Ea |
| 0040 | Curb and Gutter, Rem | 2040020 | 222.000 | Ft |
| 0050 | Masonry and Conc Structure, Rem | 2040045 | 50.000 | Cyd |
| 0060 | Pavt, Rem | 2040050 | 944.000 | Syd |
| 0070 | Sidewalk, Rem | 2040055 | 1,276.000 | Syd |
| 0080 | _ Clearing, Special | 2047051 | 1.000 | LSUM |
| 0090 | Excavation, Earth | 2050016 | 1,000.000 | Cyd |
| 0100 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 18.000 | Ea |
| 0110 | Aggregate Base, LM | 3020002 | 500.000 | Cyd |
| 0120 | Maintenance Gravel | 3060020 | 150.000 | Ton |
| 0130 | Sewer, CI IV, 12 inch, Tr Det B | 4020987 | 145.000 | Ft |
| 0140 | Sewer Tap, 12 inch | 4021204 | 1.000 | Ea |
| 0150 | Dr Structure Cover, Adj, Case 2 | 4030006 | 1.000 | Ea |
| 0160 | Dr Structure, 24 inch dia | 4030200 | 1.000 | Ea |
| 0170 | Dr Structure, Tap, 12 inch | 4030312 | 2.000 | Ea |
| 0180 | _ Catch Basin Cover, Roseville | 4037050 | 2.000 | Ea |
| 0190 | _ Dr Structure, 36 inch dia | 4037050 | 1.000 | Ea |
| 0200 | _ Storm Manhole Cover, Roseville | 4037050 | 1.000 | Ea |
| 0210 | HMA Surface, Rem | 5010005 | 787.000 | Syd |
| 0220 | Conc Pavt with Integral Curb, Nonreinf, 9 inch | 6020166 | 106.000 | Syd |
| 0230 | Lane Tie, Epoxy Anchored | 6030030 | 200.000 | Ea |
| 0240 | Driveway, Nonreinf Conc, 8 inch | 8010007 | 254.000 | Syd |
| 0250 | Curb and Gutter, Conc, Det F2 | 8020036 | 58.000 | Ft |
| 0260 | Driveway Opening, Conc, Det M | 8020050 | 131.000 | Ft |

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|------|---|---------|-----------|------|
| 0270 | _ Curb and Gutter, Conc, Det F, Modified | 8027001 | 150.000 | Ft |
| 0280 | _ Curb and Gutter, Conc, Det F1, Modified | 8027001 | 580.000 | Ft |
| 0290 | Detectable Warning Surface | 8030010 | 240.000 | Ft |
| 0300 | Curb Ramp Opening, Conc | 8030030 | 240.000 | Ft |
| 0310 | Sidewalk, Conc, 4 inch | 8030044 | 8,221.000 | Sft |
| 0320 | _ Sidewalk Ramp, Conc, 8 inch | 8037010 | 1,627.000 | Sft |
| 0330 | _ Sidewalk, Conc, 4 inch, Exposed Aggregate | 8037010 | 3,087.000 | Sft |
| 0340 | _ Sidewalk, Conc, 8 inch | 8037010 | 2,330.000 | Sft |
| 0350 | Post, Steel, 3 lb | 8100371 | 184.000 | Ft |
| 0360 | Sign, Type IIIB | 8100405 | 128.000 | Sft |
| 0370 | Mast Arm Pole, Cat I | 8100510 | 4.000 | Ea |
| 0380 | Mast Arm, 35 foot, Cat I | 8100523 | 1.000 | Ea |
| 0390 | Mast Arm, 40 foot, Cat I | 8100524 | 1.000 | Ea |
| 0400 | Mast Arm, 50 foot, Cat I | 8100526 | 1.000 | Ea |
| 0410 | Mast Arm Pole Fdn, 6 Bolt | 8100550 | 56.000 | Ft |
| 0420 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 980.000 | Ft |
| 0430 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 980.000 | Ft |
| 0440 | Rem Spec Mrkg | 8110343 | 200.000 | Sft |
| 0450 | Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White | 8110425 | 600.000 | Ft |
| 0460 | _ Pavt Mrkg, Waterborne, 12 inch, Cross Hatching, Yellow | 8117001 | 130.000 | Ft |
| 0470 | _ Pavt Mrkg, Waterborne, 12 inch, Crosswalk | 8117001 | 262.000 | Ft |
| 0480 | _ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Cross Hatching, Yellow | 8117001 | 130.000 | Ft |
| 0490 | _ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Crosswalk | 8117001 | 262.000 | Ft |
| 0500 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 6.000 | Ea |
| 0510 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 6.000 | Ea |
| 0520 | Pedestrian Type II Barricade, Temp | 8120026 | 10.000 | Ea |
| 0530 | Channelizing Device, 42 inch, Furn | 8120030 | 150.000 | Ea |
| 0540 | Channelizing Device, 42 inch, Oper | 8120031 | 150.000 | Ea |
| 0550 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0560 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0570 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0580 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 1,500.000 | Ft |
| 0590 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 500.000 | Sft |
| 0600 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 500.000 | Sft |
| 0610 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 50.000 | Sft |
| 0620 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 50.000 | Sft |
| 0630 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0640 | Site Preparation, Max \$19,300 | 8150001 | 1.000 | LSUM |
| 0650 | Watering and Cultivating, First Season, Min \$9,300 | 8150002 | 1.000 | LSUM |
| 0660 | Watering and Cultivating, Second Season, Min \$11,500 | 8150003 | 1.000 | LSUM |

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|------|---|---------|-----------|-----|
| 0670 | Juniperus sabina Broadmoor, #5 cont | 8151990 | 16.000 | Ea |
| 0680 | Pennisetum alopecuroides Hameln, #2 cont. | 8152640 | 36.000 | Ea |
| 0690 | Thuja occidentalis Emerald, 5 foot | 8153810 | 38.000 | Ea |
| 0700 | _ Steel Landscape Edging, 4 inch | 8157001 | 275.000 | Ft |
| 0710 | _ Planting Mix | 8157021 | 175.000 | Cyd |
| 0720 | _ Structural Soil | 8157021 | 400.000 | Cyd |
| 0730 | _ Acer x freemanii 'Marmo', 2 1/2 inch | 8157050 | 30.000 | Ea |
| 0740 | _ Hemerocallis 'Happy Returns', #1 cont | 8157050 | 342.000 | Ea |
| 0750 | _ Taxus x media 'Hicksii', 24 inch | 8157050 | 249.000 | Ea |
| 0760 | _ Tree Grate | 8157050 | 19.000 | Ea |
| 0770 | _ Tree Grate Frame | 8157050 | 19.000 | Ea |
| 0780 | Mulch | 8160025 | 150.000 | Syd |
| 0790 | Sodding | 8160055 | 755.000 | Syd |
| 0800 | Topsoil Surface, Furn, 4 inch | 8160062 | 755.000 | Syd |
| 0810 | Cable Pole, TS and Sec, Disman | 8190009 | 1.000 | Ea |
| 0820 | Cable Pole, TS, Disman | 8190010 | 2.000 | Ea |
| 0830 | Conduit, DB, 1, 1 1/2 inch | 8190027 | 215.000 | Ft |
| 0840 | Conduit, DB, 1, 3 inch | 8190029 | 100.000 | Ft |
| 0850 | Conduit, DB, 1, 4 inch | 8190030 | 30.000 | Ft |
| 0860 | Conduit, DB, 3, 3 inch | 8190035 | 25.000 | Ft |
| 0870 | Conduit, DB, 4, 3 inch | 8190038 | 15.000 | Ft |
| 0880 | Conduit, Rem | 8190140 | 55.000 | Ft |
| 0890 | Elec Serv, Rem | 8190225 | 1.000 | Ea |
| 0900 | Hh, Rem | 8190254 | 4.000 | Ea |
| 0910 | Hh, Round, 3 foot dia | 8190259 | 1.000 | Ea |
| 0920 | Hh, Round | 8190260 | 4.000 | Ea |
| 0930 | Light Std Fdn, Rem | 8190280 | 2.000 | Ea |
| 0940 | Cable, Sec, 600V, 1, 3/C#6 | 8190399 | 200.000 | Ft |
| 0950 | Wood Pole, Fit Up, Sec Serv Pole | 8190496 | 1.000 | Ea |
| 0960 | Conduit, Directional Bore, 1, 1 1/2 inch | 8190601 | 36.000 | Ft |
| 0970 | Conduit, Directional Bore, 1, 3 inch | 8190602 | 155.000 | Ft |
| 0980 | Conduit, Directional Bore, 1, 4 inch | 8190603 | 95.000 | Ft |
| 0990 | Controller and Cabinet, Rem | 8200030 | 1.000 | Ea |
| 1000 | Controller Fdn, Rem | 8200046 | 1.000 | Ea |
| 1010 | Fdn, Rem | 8200065 | 1.000 | Ea |
| 1020 | Pedestal, Alum | 8200100 | 12.000 | Ea |
| 1030 | Pedestal, Fdn | 8200105 | 12.000 | Ea |
| 1040 | Pedestal Fdn, Rem | 8200106 | 8.000 | Ea |
| 1050 | Pedestal, Rem | 8200110 | 8.000 | Ea |
| 1060 | Power Co. (Est. Cost to Contractor) | 8200116 | 1,090.000 | Dlr |
| 1070 | Pushbutton and Sign | 8200121 | 12.000 | Ea |
| 1080 | Pushbutton, Rem | 8200122 | 8.000 | Ea |
| 1090 | Serv Disconnect | 8200135 | 1.000 | Ea |
| 1100 | Serv Disconnect, Rem | 8200136 | 1.000 | Ea |
| 1110 | Span Wire, Rem | 8200141 | 4.000 | Ea |

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|------|--|---------|--------|------|
| 1120 | Steel Pole, Rem | 8200145 | 1.000 | Ea |
| 1130 | Guy, Rem | 8200167 | 1.000 | Ea |
| 1140 | TS, Pedestrian, Pedestal Mtd, Rem | 8200181 | 8.000 | Ea |
| 1150 | TS, Span Wire Mtd, Rem | 8200182 | 7.000 | Ea |
| 1160 | TS, One Way Mast Arm Mtd, FYA (LED) | 8200304 | 4.000 | Ea |
| 1170 | TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown | 8200345 | 8.000 | Ea |
| 1180 | TS, One Way Mast Arm Mtd (LED) | 8200359 | 5.000 | Ea |
| 1190 | Video Traf Detection System | 8200380 | 1.000 | Ea |
| 1200 | Bracket, Truss, Rem | 8200388 | 5.000 | Ea |
| 1210 | Casing | 8200480 | 48.000 | Ft |
| 1220 | Backplate, TS | 8200501 | 12.000 | Ea |
| 1230 | _ Flsh Beacon, Rectangular Rapid, Solar Power | 8207050 | 4.000 | Ea |
| 1240 | _ OCA, ATC 2070, ITS | 8207050 | 1.000 | Ea |
| 1250 | _ OCA, ITS, Cabinet Foundation, 4 Door | 8207050 | 1.000 | Ea |
| 1260 | _ OCA, ITS, Cabinet Housing 3, Black | 8207050 | 1.000 | Ea |
| 1270 | _ OCA, ITS, Input Assembly | 8207050 | 1.000 | Ea |
| 1280 | _ OCA, ITS, Output Assembly, 14 Switch Pack | 8207050 | 1.000 | Ea |
| 1290 | _ OCA, MMU, 16 Channel, FYA, IP | 8207050 | 1.000 | Ea |
| 1300 | _ OCA, Operational Test Certification, Controller and Cabinet | 8207050 | 1.000 | Ea |
| 1310 | _ Pedestal, Black | 8207050 | 8.000 | Ea |
| 1320 | _ Pole Coating | 8207050 | 8.000 | Ea |
| 1330 | _ Radar Detection, Stop Bar, Rem | 8207050 | 4.000 | Ea |
| 1340 | _ Roadside Unit, Salv | 8207050 | 1.000 | Ea |
| 1350 | _ St Name Sign, One Way, (LED), 6 Foot | 8207050 | 4.000 | Ea |
| 1360 | _ Steel Truss Arm, Steel Pole Mount, 18 Foot | 8207050 | 1.000 | Ea |
| 1370 | _ Switch, Large | 8207050 | 1.000 | Ea |
| 1380 | _ TS, One Way Mast Arm Mounted, Five Sect (LED) | 8207050 | 3.000 | Ea |
| 1390 | _ Video Detection, Camera | 8207050 | 4.000 | Ea |
| 1400 | _ Video Surveillance, Camera, Rem | 8207050 | 1.000 | Ea |
| 1410 | _ Video Surveillance, Camera, Salv | 8207050 | 1.000 | Ea |
| 1420 | _ Wireless Interconnect, Access Point, Salv | 8207050 | 1.000 | Ea |
| 1430 | _ Wireless Interconnect, Integrated Radio, Rem | 8207050 | 1.000 | Ea |
| 1440 | _ Wireless Interconnect, Integrated Radio, Salv | 8207050 | 1.000 | Ea |
| 1450 | Water Serv | 8230240 | 2.000 | Ea |
| 1460 | Gate Box, Adj, Case 1 | 8230431 | 1.000 | Ea |
| 1470 | _ Gate Well Cover, Adj, Case 1 | 8237050 | 4.000 | Ea |
| 1480 | _ Gate Well Cover, Roseville | 8237050 | 1.000 | Ea |
| 1490 | _ Bike Rack | 8507050 | 2.000 | Ea |
| 1500 | _ Metal and Wood Bench | 8507050 | 2.000 | Ea |
| 1510 | _ Trash Receptacle | 8507050 | 1.000 | Ea |
| 1520 | _ Audio Visual Record of Construction Area | 8507051 | 1.000 | LSUM |
| 1530 | _ Irrigation | 8507051 | 1.000 | LSUM |



Schedule of Pay Items

Report v1

Letting Call: 191004 042

Letting Date: October 4, 2019

Contract ID: 66000-208501

Description: 2.54 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, gravel shoulder and pavement markings on Boundary Road south of 107th Engineers Memorial Highway, Ontonagon County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208501A | 1901051 | N/A | STL 66000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$56,700.00 | 1500001 | 1.000 | LSUM |
| 0020 | Aggregate Base, LM | 3020002 | 100.000 | Cyd |
| 0030 | Aggregate Base, 4 inch | 3020010 | 32,840.000 | Syd |
| 0040 | HMA Base Crushing and Shaping | 3050002 | 38,800.000 | Syd |
| 0050 | Shoulder, CI II, 3 inch | 3070125 | 5,970.000 | Syd |
| 0060 | HMA, LVSP | 5010703 | 5,450.000 | Ton |
| 0070 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 26,900.000 | Ft |
| 0080 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 20,050.000 | Ft |
| 0090 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0100 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0110 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0120 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp | 8120231 | 1,100.000 | Ft |
| 0130 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 1,100.000 | Ft |
| 0140 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 356.000 | Sft |
| 0150 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 356.000 | Sft |
| 0160 | Traf Regulator Control | 8120370 | 1.000 | LSUM |

**Schedule of Pay Items**

Report v1

Letting Call: 191004 043**Letting Date:** October 4, 2019**Contract ID:** 35000-205874

Description: 1.14 mi of hot mix asphalt widening and resurfacing, aggregate shoulders, signing and pavement markings on Alabaster Road from Rempert Road east to US-23, Iosco County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205874A | 1900922 | N/A | STL 35000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$19,900.00 | 1500001 | 1.000 | LSUM |
| 0020 | Approach, CI II | 3070021 | 35.000 | Ton |
| 0030 | _ Trenching, Modified | 3077002 | 121.000 | Sta |
| 0040 | _ Shoulder, CI II, Modified | 3077031 | 560.000 | Ton |
| 0050 | Pavt, Cleaning | 5010001 | 1.000 | LSUM |
| 0060 | HMA, 13A | 5010033 | 2,610.000 | Ton |
| 0070 | HMA Approach | 5010061 | 20.000 | Ton |
| 0080 | Post, Mailbox | 8070095 | 3.000 | Ea |
| 0090 | Post, Steel, 3 lb | 8100371 | 45.000 | Ft |
| 0100 | Sign, Type III, Rem | 8100403 | 5.000 | Ea |
| 0110 | Sign, Type IIIA | 8100404 | 19.000 | Sft |
| 0120 | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 12,050.000 | Ft |
| 0130 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 1,550.000 | Ft |
| 0140 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0150 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0160 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0170 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 500.000 | Ft |
| 0180 | Plastic Drum, High Intensity, Furn | 8120250 | 40.000 | Ea |
| 0190 | Plastic Drum, High Intensity, Oper | 8120251 | 40.000 | Ea |
| 0200 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 360.000 | Sft |
| 0210 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 360.000 | Sft |
| 0220 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0230 | Monument Box | 8210001 | 3.000 | Ea |

**Schedule of Pay Items**

Report v1

Letting Call: 191004 044**Letting Date:** October 4, 2019**Contract ID:** 46000-205707

Description: 0.08 mi of hot mix asphalt paving, concrete driveways, curb, gutter, sidewalk and ramps, drainage, watermain, signal work and pavement marking on Division Street at US-223 in the city of Adrian, Lenawee County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205707A | 1900939 | N/A | CM 46000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|----------|-------|
| Section: 1 | | | | |
| 0010 | _ Audio Visual Coverage | 1047051 | 1.000 | LSUM |
| 0020 | Mobilization, Max \$16,300.00 | 1500001 | 1.000 | LSUM |
| 0030 | Dr Structure, Rem | 2030011 | 1.000 | Ea |
| 0040 | Sewer, Rem, Less than 24 inch | 2030015 | 20.000 | Ft |
| 0050 | Curb and Gutter, Rem | 2040020 | 210.000 | Ft |
| 0060 | _ Pavt, Rem, Modified | 2047011 | 78.000 | Syd |
| 0070 | Excavation, Earth | 2050016 | 190.000 | Cyd |
| 0080 | Machine Grading | 2050030 | 2.000 | Sta |
| 0090 | Erosion Control, Filter Bag | 2080014 | 5.000 | Ea |
| 0100 | Erosion Control, Silt Fence | 2080036 | 330.000 | Ft |
| 0110 | _ Street Sweeping | 2087050 | 5.000 | Ea |
| 0120 | Subbase, CIP | 3010002 | 76.000 | Cyd |
| 0130 | _ Aggregate Base, Modified | 3027011 | 343.000 | Syd |
| 0140 | Sewer, CI IV, 12 inch, Tr Det B | 4020987 | 20.000 | Ft |
| 0150 | Dr Structure Cover, Type B | 4030010 | 2.000 | Ea |
| 0160 | Dr Structure Cover, Type K | 4030050 | 2.000 | Ea |
| 0170 | Dr Structure, 24 inch dia | 4030200 | 2.000 | Ea |
| 0180 | Dr Structure, Tap, 12 inch | 4030312 | 2.000 | Ea |
| 0190 | _ Dr Structure Cover, Adj, Case 1, Modified | 4037050 | 2.000 | Ea |
| 0200 | Underdrain, Subbase, 6 inch | 4040063 | 196.000 | Ft |
| 0210 | HMA, 3E1 | 5010044 | 43.000 | Ton |
| 0220 | HMA, 4E1 | 5010050 | 29.000 | Ton |
| 0230 | HMA, 5E1 | 5010056 | 22.000 | Ton |
| 0240 | Driveway, Reinf Conc, 8 inch | 8010003 | 153.000 | Syd |
| 0250 | Curb and Gutter, Conc, Det F4 | 8020038 | 196.000 | Ft |
| 0260 | Valley Gutter, Conc | 8020060 | 25.000 | Ft |
| 0270 | Detectable Warning Surface | 8030010 | 4.000 | Ft |

| | | | | |
|------|--|---------|---------|------|
| 0280 | Curb Ramp Opening, Conc | 8030030 | 4.000 | Ft |
| 0290 | Sidewalk Ramp, Conc, 6 inch | 8030036 | 56.000 | Sft |
| 0300 | Sidewalk, Conc, 4 inch | 8030044 | 207.000 | Sft |
| 0310 | Post, Steel, 3 lb | 8100371 | 60.000 | Ft |
| 0320 | Sign, Type III, Erect, Salv | 8100402 | 1.000 | Ea |
| 0330 | Sign, Type III, Rem | 8100403 | 1.000 | Ea |
| 0340 | Sign, Type IIIB | 8100405 | 20.000 | Sft |
| 0350 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar | 8110045 | 30.000 | Ft |
| 0360 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 1.000 | Ea |
| 0370 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 1.000 | Ea |
| 0380 | Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym | 8110078 | 1.000 | Ea |
| 0390 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White | 8110153 | 75.000 | Ft |
| 0400 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow | 8110154 | 260.000 | Ft |
| 0410 | Rem Spec Mrkg | 8110343 | 650.000 | Sft |
| 0420 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000 | Ea |
| 0430 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 4.000 | Ea |
| 0440 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0450 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 100.000 | Ft |
| 0460 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 394.000 | Ft |
| 0470 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 654.000 | Ft |
| 0480 | Plastic Drum, High Intensity, Lighted, Furn | 8120260 | 40.000 | Ea |
| 0490 | Plastic Drum, High Intensity, Lighted, Oper | 8120261 | 40.000 | Ea |
| 0500 | Sign Cover | 8120310 | 1.000 | Ea |
| 0510 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 323.000 | Sft |
| 0520 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 323.000 | Sft |
| 0530 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0540 | Slope Restoration, Type A | 8160100 | 280.000 | Syd |
| 0550 | Conduit, DB, 1, 1 1/2 inch | 8190027 | 20.000 | Ft |
| 0560 | Conduit, DB, 3, 3 inch | 8190035 | 20.000 | Ft |
| 0570 | Conduit, Rem | 8190140 | 10.000 | Ft |
| 0580 | Anchor Guy | 8200001 | 1.000 | Ea |
| 0590 | Pole Guy | 8200002 | 1.000 | Ea |
| 0600 | Case Sign, Rem | 8200020 | 2.000 | Ea |
| 0610 | Case Sign (LED), One Way, 24 inch by 30 inch | 8200029 | 2.000 | Ea |
| 0620 | Fdn, Rem | 8200065 | 1.000 | Ea |
| 0630 | Pushbutton and Sign | 8200121 | 1.000 | Ea |
| 0640 | Pushbutton, Rem | 8200122 | 1.000 | Ea |
| 0650 | Span Wire | 8200140 | 2.000 | Ea |
| 0660 | Span Wire, Rem | 8200141 | 2.000 | Ea |
| 0670 | Steel Pole, Rem | 8200145 | 1.000 | Ea |
| 0680 | Guy, Rem | 8200167 | 1.000 | Ea |
| 0690 | TS, Pedestrian, Bracket Arm Mtd, Rem | 8200180 | 1.000 | Ea |

| | | | | |
|------|--|---------|--------|----|
| 0700 | TS, Span Wire Mtd, Rem | 8200182 | 4.000 | Ea |
| 0710 | TS, One Way Span Wire Mtd (LED) | 8200313 | 4.000 | Ea |
| 0720 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown | 8200339 | 1.000 | Ea |
| 0730 | Strain Pole, Steel, 6 bolt, 30 foot | 8200460 | 1.000 | Ea |
| 0740 | Strain Pole Fdn, 6 Bolt | 8200470 | 16.000 | Ft |
| 0750 | Casing | 8200480 | 12.000 | Ft |
| 0760 | Hydrant, Relocate, Case 1 | 8230095 | 1.000 | Ea |
| 0770 | Water Main, DI, 6 inch, Tr Det G | 8230151 | 20.000 | Ft |
| 0780 | Gate Box, Adj, Temp, Case 2 | 8230392 | 3.000 | Ea |

**Schedule of Pay Items**

Report v1

Letting Call: 191004 045**Letting Date:** October 4, 2019**Contract ID:** 02000-205509

Description: 0.50 mi of hot mix asphalt crushing, shaping and resurfacing and pavement markings on Sand Point Road from north of Washington Street to National Park Boundary in the city of Munising, Alger County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205509A | 1901041 | N/A | STL 02000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$13,900.00 | 1500001 | 1.000 | LSUM |
| 0020 | HMA Base Crushing and Shaping | 3050002 | 6,242.000 | Syd |
| 0030 | Material, Surplus and Unsuitable, Rem, LM | 3050010 | 30.000 | Cyd |
| 0040 | Approach, CI II, 3 inch | 3070025 | 100.000 | Syd |
| 0050 | Shoulder, CI II, 3 inch | 3070125 | 1,600.000 | Syd |
| 0060 | HMA Approach | 5010061 | 80.000 | Ton |
| 0070 | HMA, LVSP | 5010703 | 1,000.000 | Ton |
| 0080 | Post, Mailbox | 8070095 | 5.000 | Ea |
| 0090 | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 4,800.000 | Ft |
| 0100 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0110 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0120 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0130 | Plastic Drum, High Intensity, Furn | 8120250 | 50.000 | Ea |
| 0140 | Plastic Drum, High Intensity, Oper | 8120251 | 50.000 | Ea |
| 0150 | Sign Cover | 8120310 | 4.000 | Ea |
| 0160 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 268.000 | Sft |
| 0170 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 268.000 | Sft |
| 0180 | Traf Regulator Control | 8120370 | 1.000 | LSUM |



Schedule of Pay Items

Report v1

Letting Call: 191004 046

Letting Date: October 4, 2019

Contract ID: 25000-202893

Description: Application of pavement markings on East Pierson Road from East Main Street to Elms Road in the city of Flushing, Genesee County. This is a Local Agency project.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202893A | 1901014 | N/A | HSIP 25000 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|--|---------|-----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$4,000.00 | 1500001 | 1.000 | LSUM |
| 0020 | Post, Steel, 3 lb | 8100371 | 70.000 | Ft |
| 0030 | Sign, Type IIIB | 8100405 | 43.000 | Sft |
| 0040 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym | 8110063 | 8.000 | Ea |
| 0050 | Pavt Mrkg, Ovly Cold Plastic, Only | 8110068 | 2.000 | Ea |
| 0060 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 2.000 | Ea |
| 0070 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White | 8110153 | 241.000 | Ft |
| 0080 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow | 8110154 | 6,032.000 | Ft |
| 0090 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White | 8110155 | 4,570.000 | Ft |
| 0100 | Pavt Mrkg, Sprayable Thermopl, 8 inch, White | 8110157 | 300.000 | Ft |
| 0110 | Pavt Mrkg, Sprayable Thermopl, 12 inch, Yellow | 8110160 | 72.000 | Ft |
| 0120 | Pavt Mrkg, Thermopl, 24 inch, Stop Bar | 8110218 | 55.000 | Ft |
| 0130 | Rem Spec Mrkg | 8110343 | 62.000 | Sft |
| 0140 | _ Pavt Mrkg, Sprayable Thermopl, 6 inch, Dotted Thru Guide Line, White | 8117001 | 100.000 | Ft |
| 0150 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0160 | Mobile Attenuator | 8120180 | 2.000 | Ea |
| 0170 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 1,029.000 | Ft |



Schedule of Pay Items

Report v1

Letting Call: 191004 047

Letting Date: October 4, 2019

Contract ID: 81103-200987-2

Description: 7.91 mi of hot mix asphalt cold milling and resurfacing on M-14 from Earhart Road to the Washtenaw/Wayne county line, Washtenaw County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 200987A | 1900375 | N/A | NH 81103 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|-------------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$371,500.00 | 1500001 | 1.000 | LSUM |
| 0020 | Cold Milling HMA Surface | 5010002 | 271,430.000 | Syd |
| 0030 | HMA Quality Initiative | 5010007 | 48,220.000 | Dlr |
| 0040 | Longitudinal Joint Density Quality Initiative | 5010018 | 45,950.000 | Dlr |
| 0050 | Pavt Joint and Crack Repr, Det 7 | 5010020 | 33,680.000 | Ft |
| 0060 | Pavt Joint and Crack Repr, Det 8 | 5010021 | 1,750.000 | Ft |
| 0070 | Hand Patching | 5010025 | 2,010.000 | Ton |
| 0080 | HMA, 5E30 | 5010059 | 22,400.000 | Ton |
| 0090 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White | 8110153 | 22,160.000 | Ft |
| 0100 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White | 8110155 | 89,750.000 | Ft |
| 0110 | Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow | 8110156 | 88,870.000 | Ft |
| 0120 | Pavt Mrkg, Sprayable Thermopl, 12 inch, White | 8110159 | 7,890.000 | Ft |
| 0130 | Witness, Log, \$1,000.00 | 8110350 | 1,000.000 | Dlr |
| 0140 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 10.000 | Ea |
| 0150 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 10.000 | Ea |
| 0160 | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 550.000 | Ea |
| 0170 | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 550.000 | Ea |
| 0180 | Lighted Arrow, Type C, Furn | 8120140 | 5.000 | Ea |
| 0190 | Lighted Arrow, Type C, Oper | 8120141 | 5.000 | Ea |
| 0200 | Ltg for Night Work | 8120160 | 1.000 | LSUM |
| 0210 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0220 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp | 8120235 | 87,710.000 | Ft |
| 0230 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 87,710.000 | Ft |
| 0240 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | 8120245 | 21,930.000 | Ft |
| 0250 | Plastic Drum, Fluorescent, Furn | 8120252 | 65.000 | Ea |
| 0260 | Plastic Drum, Fluorescent, Oper | 8120253 | 65.000 | Ea |

| | | | | |
|------|---|---------|-----------|-----|
| 0270 | Sign Cover | 8120310 | 12.000 | Ea |
| 0280 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 3.000 | Ea |
| 0290 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 3.000 | Ea |
| 0300 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,760.000 | Sft |
| 0310 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,760.000 | Sft |
| 0320 | Monument Preservation | 8210010 | 1.000 | Ea |



Schedule of Pay Items

Report v1

Letting Call: 191004 048

Letting Date: October 4, 2019

Contract ID: 47082-106746

Description: Traffic signal modernization, pedestrian indicators, video vehicle detection and pavement markings on M-59 (Highland Road) at Clark Road, Livingston County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206746A | N/A | N/A | M 47082 |

List of Items by Section

| Line Num | Item Description | Item ID | Quantity | Units |
|-------------------|---|---------|----------|-------|
| Section: 1 | | | | |
| 0010 | Mobilization, Max \$18,300.00 | 1500001 | 1.000 | LSUM |
| 0020 | Exploratory Investigation, Vertical | 2040080 | 20.000 | Ft |
| 0030 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 100.000 | Cyd |
| 0040 | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 4.000 | Ea |
| 0050 | _ Pedestrian Path, Temp | 8007001 | 80.000 | Ft |
| 0060 | _ Managed Field Ethernet Switch, Fiber Capable | 8007050 | 1.000 | Ea |
| 0070 | _ Pedestrian Ramp, Temp | 8007050 | 2.000 | Ea |
| 0080 | _ Roadside Unit, Intersection | 8007050 | 1.000 | Ea |
| 0090 | Post, Steel, 3 lb | 8100371 | 65.000 | Ft |
| 0100 | Sign, Type III, Rem | 8100403 | 1.000 | Ea |
| 0110 | Sign, Type IIIB | 8100405 | 33.000 | Sft |
| 0120 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | 8110093 | 150.000 | Ft |
| 0130 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 70.000 | Ft |
| 0140 | Rem Spec Mrkg | 8110343 | 350.000 | Sft |
| 0150 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 2.000 | Ea |
| 0160 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 2.000 | Ea |
| 0170 | Pedestrian Type II Barricade, Temp | 8120026 | 8.000 | Ea |
| 0180 | Lighted Arrow, Type C, Furn | 8120140 | 2.000 | Ea |
| 0190 | Lighted Arrow, Type C, Oper | 8120141 | 2.000 | Ea |
| 0200 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0210 | Mobile Attenuator | 8120180 | 1.000 | Ea |
| 0220 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 8120210 | 100.000 | Ft |
| 0230 | Plastic Drum, Fluorescent, Furn | 8120252 | 34.000 | Ea |
| 0240 | Plastic Drum, Fluorescent, Oper | 8120253 | 34.000 | Ea |
| 0250 | Sign Cover | 8120310 | 4.000 | Ea |
| 0260 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 358.000 | Sft |
| 0270 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 358.000 | Sft |

| | | | | |
|------|---|---------|-----------|------|
| 0280 | Traf Regulator Control | 8120370 | 1.000 | LSUM |
| 0290 | Slope Restoration, Type A | 8160100 | 100.000 | Syd |
| 0300 | Conduit, DB, 1, 1 1/2 inch | 8190027 | 110.000 | Ft |
| 0310 | Conduit, DB, 3, 3 inch | 8190035 | 30.000 | Ft |
| 0320 | Conduit, DB, 4, 3 inch | 8190038 | 10.000 | Ft |
| 0330 | Hh, Polymer Conc | 8190250 | 2.000 | Ea |
| 0340 | Hh, Round, 3 foot dia | 8190259 | 1.000 | Ea |
| 0350 | Hh, Round | 8190260 | 3.000 | Ea |
| 0360 | Cable, Sec, 600V, 1, 3/C#6 | 8190399 | 120.000 | Ft |
| 0370 | Conduit, Directional Bore, 1, 3 inch | 8190602 | 112.000 | Ft |
| 0380 | _ Conduit, DB, 1, 1 inch | 8197001 | 20.000 | Ft |
| 0390 | Case Sign (LED), One Way, 24 inch by 30 inch | 8200029 | 1.000 | Ea |
| 0400 | Controller Fdn, Base Mount | 8200045 | 1.000 | Ea |
| 0410 | Global Positioning System Module | 8200050 | 1.000 | Ea |
| 0420 | TS, Managed Field Ethernet Switch, Layer 2, Copper | 8200088 | 1.000 | Ea |
| 0430 | Pedestal, Alum | 8200100 | 2.000 | Ea |
| 0440 | Pedestal, Fdn | 8200105 | 2.000 | Ea |
| 0450 | Power Co. (Est. Cost to Contractor) | 8200116 | 1,020.000 | Dlr |
| 0460 | Serv Disconnect | 8200135 | 1.000 | Ea |
| 0470 | Span Wire | 8200140 | 2.000 | Ea |
| 0480 | Span Wire Tether | 8200142 | 2.000 | Ea |
| 0490 | Cabinet, NEMA Type | 8200186 | 1.000 | Ea |
| 0500 | TS, One Way Span Wire Mtd (LED) | 8200313 | 6.000 | Ea |
| 0510 | TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown | 8200345 | 2.000 | Ea |
| 0520 | Bracket, Truss, With 18 Foot Arm | 8200378 | 1.000 | Ea |
| 0530 | Hemispherical Video Detection Camera | 8200444 | 1.000 | Ea |
| 0540 | Hemispherical Video Detection System | 8200445 | 1.000 | Ea |
| 0550 | Strain Pole, Steel, 6 bolt, 30 foot | 8200460 | 2.000 | Ea |
| 0560 | Strain Pole, Steel, 6 bolt, 36 foot | 8200461 | 1.000 | Ea |
| 0570 | Strain Pole Fdn, 6 Bolt | 8200470 | 44.000 | Ft |
| 0580 | Casing | 8200480 | 34.000 | Ft |
| 0590 | Cellular Modem, TS, 4G | 8200498 | 1.000 | Ea |
| 0600 | Backplate, TS | 8200501 | 6.000 | Ea |
| 0610 | _ Controller, NEMA, ATC Type | 8207050 | 1.000 | Ea |
| 0620 | Contractor Staking, Road Only | 8240007 | 1.000 | LSUM |
| 0630 | Staking Plan Errors and Extras, One Person | 8240020 | 2.000 | Hr |
| 0640 | Staking Plan Errors and Extras, Two Person | 8240021 | 2.000 | Hr |
| 0650 | Staking Plan Errors and Extras, Three Person | 8240022 | 2.000 | Hr |
| 0660 | ITS Grounding, Bonding, and Surge Protection | 8260020 | 1.000 | LSUM |
| 0670 | Lightning Protection, Pole | 8260021 | 1.000 | Ea |



Schedule of Pay Items

Report v1

Letting Call: 191004 323

Letting Date: October 4, 2019

Contract ID: 15012-205007

Description: Structural steel rehabilitation and electrical rehabilitation including submarine cable replacement on US-31 at the Charlevoix Bascule Bridge over the Pine River in the city of Charlevoix, Charlevoix County.

Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205007A | 1901017 | N/A | NH 15012 |

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 | 10,500.000 | Dlr |
| 0060 | _ Maintaining Navigation (B01 of 15012) | 1077051 | 1.000 | LSUM |
| 0070 | Mobilization, Max \$100,300.00 | 1500001 | 1.000 | LSUM |
| 0080 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 300.000 | Cyd |
| 0090 | Erosion Control, Turbidity Curtain, Deep | 2080042 | 120.000 | Ft |
| 0100 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 10.000 | Ea |
| 0110 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 10.000 | Ea |
| 0120 | Pedestrian Type II Barricade, Temp | 8120026 | 8.000 | Ea |
| 0130 | Ltg for Night Work | 8120160 | 1.000 | LSUM |
| 0140 | Minor Traf Devices | 8120170 | 1.000 | LSUM |
| 0150 | Plastic Drum, Fluorescent, Furn | 8120252 | 30.000 | Ea |
| 0160 | Plastic Drum, Fluorescent, Oper | 8120253 | 30.000 | Ea |
| 0170 | Sign Cover | 8120310 | 72.000 | Ea |
| 0180 | Sign, Portable, Changeable Message, Furn | 8120330 | 4.000 | Ea |
| 0190 | Sign, Portable, Changeable Message, Oper | 8120331 | 4.000 | Ea |
| 0200 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 660.000 | Sft |
| 0210 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 660.000 | Sft |
| 0220 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 648.000 | Sft |
| 0230 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 648.000 | Sft |
| 0240 | Contractor Staking | 8240001 | 1.000 | LSUM |
| 0250 | Staking Plan Errors and Extras, One Person | 8240020 | 2.000 | Hr |
| 0260 | Staking Plan Errors and Extras, Two Person | 8240021 | 1.000 | Hr |

| | | | | |
|------|--|---------|-------|----|
| 0270 | Staking Plan Errors and Extras, Three Person | 8240022 | 2.000 | Hr |
|------|--|---------|-------|----|

Section: 2

| | | | | |
|------|--|---------|-----------|------|
| 0280 | _ Structural Steel, Retrofit, Furn, Fab and Erect, Spec | 7077030 | 5,000.000 | Lb |
| 0290 | _ Structural Steel, Rem and Re-Erect (B01 of 15012) | 7077051 | 1.000 | LSUM |
| 0300 | Structures, Rehabilitation, Rem Portions | 7120070 | 1.000 | LSUM |
| 0310 | Beam Plate, Seal Perimeter | 7130010 | 150.000 | Ft |
| 0320 | _ Tread Casting Repair (B01 of 15012) | 7137051 | 1.000 | LSUM |
| 0330 | Steel Structure, Cleaning, Type 4 | 7150045 | 1.000 | LSUM |
| 0340 | _ Heating and Housing (B01 of 15012) | 7157051 | 1.000 | LSUM |
| 0350 | Field Repair of Damaged Coating | 7160001 | 1.000 | LSUM |
| 0360 | _ Limit Switch, Rem and Replace | 8007050 | 28.000 | Ea |
| 0370 | _ Control System Installation (B01 of 15012) | 8007051 | 1.000 | LSUM |
| 0380 | _ Submarine Cable and Terminal Cabinet Installation (B01 of 15012) | 8007051 | 1.000 | LSUM |
