

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 001

**Letting Date:** August 7, 2020

**Contract ID:** 05072-208819

**Description:** 10.57 mi of overband crack fill, single course chip seal with fog seal, shoulder gravel and pavement markings on US-131 from Jordan River Road north to north of M-32 north junction and on M-32 from south of Tebo School Road east to US-131, Antrim County. This project includes a 2 year pavement performance warranty.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208819A        | 20A0856                | N/A                 | ST 05072        |

### List of Items by Section

| Line Num          | Item Description                                         | Item ID | Quantity    | Units |
|-------------------|----------------------------------------------------------|---------|-------------|-------|
| <b>Section: 1</b> |                                                          |         |             |       |
| 0010              | Mobilization, Max \$78,500.00                            | 1500001 | 1.000       | LSUM  |
| 0020              | Shoulder, CI II                                          | 3070121 | 4,000.000   | Ton   |
| 0030              | Overband Crack Fill, Lane                                | 5020003 | 21.870      | Lnmi  |
| 0040              | Chip Seal, Single, Warranty                              | 5050040 | 207,200.000 | Syd   |
| 0050              | _ Seal, Fog                                              | 5057011 | 207,200.000 | Syd   |
| 0060              | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym          | 8110063 | 3.000       | Ea    |
| 0070              | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym          | 8110071 | 2.000       | Ea    |
| 0080              | Pavt Mrkg, Ovly Cold Plastic, School                     | 8110074 | 1.000       | Ea    |
| 0090              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                   | 8110114 | 48.000      | Ft    |
| 0100              | Pavt Mrkg, Waterborne, 4 inch, White                     | 8110231 | 2,145.000   | Ft    |
| 0110              | Pavt Mrkg, Waterborne, 4 inch, Yellow                    | 8110232 | 41,870.000  | Ft    |
| 0120              | Pavt Mrkg, Waterborne, 6 inch, White                     | 8110233 | 111,640.000 | Ft    |
| 0130              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White    | 8110251 | 2,145.000   | Ft    |
| 0140              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow   | 8110252 | 41,870.000  | Ft    |
| 0150              | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White    | 8110253 | 111,640.000 | Ft    |
| 0160              | Rem Spec Mrkg                                            | 8110343 | 145.000     | Sft   |
| 0170              | Witness, Log, \$1,000.00                                 | 8110350 | 1,000.000   | Dlr   |
| 0180              | Protective Ovly, Snowmobile Trail Crossing               | 8110550 | 168.000     | Syd   |
| 0190              | Channelizing Device, 42 inch, Fluorescent, Furn          | 8120035 | 600.000     | Ea    |
| 0200              | Channelizing Device, 42 inch, Fluorescent, Oper          | 8120036 | 600.000     | Ea    |
| 0210              | Lighted Arrow, Type C, Furn                              | 8120140 | 2.000       | Ea    |
| 0220              | Lighted Arrow, Type C, Oper                              | 8120141 | 2.000       | Ea    |
| 0230              | Minor Traf Devices                                       | 8120170 | 1.000       | LSUM  |
| 0240              | Raised Pavt Marker, Temp, Type 1, White, Monodirectional | 8120280 | 20.000      | Ea    |
| 0250              | Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional  | 8120281 | 4,500.000   | Ea    |

|      |                                     |         |           |      |
|------|-------------------------------------|---------|-----------|------|
| 0260 | Sign Cover                          | 8120310 | 10.000    | Ea   |
| 0270 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 1,380.000 | Sft  |
| 0280 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 1,380.000 | Sft  |
| 0290 | Traf Regulator Control              | 8120370 | 1.000     | LSUM |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 002**Letting Date:** August 7, 2020**Contract ID:** 63000-206954

**Description:** 1.00 mi of hot mix asphalt cold milling, widening and resurfacing, concrete curb and gutter, guardrail, signing and pavement markings on Maple Road from Inkster Road to Franklin Road, Oakland County.  
This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206954A        | 20A0814                | N/A                 | STU 63000       |

**List of Items by Section**

| Line Num          | Item Description                    | Item ID | Quantity  | Units |
|-------------------|-------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                     |         |           |       |
| 0010              | Mobilization, Max \$422,400.00      | 1500001 | 1.000     | LSUM  |
| 0020              | _ Clearing, RCOC                    | 2017012 | 1.870     | Acre  |
| 0030              | Tree, Rem, 6 inch to 18 inch        | 2020004 | 31.000    | Ea    |
| 0040              | Culv, Rem, Less than 24 inch        | 2030001 | 16.000    | Ea    |
| 0050              | Culv, End, Rem, Over 48 inch        | 2030007 | 1.000     | Ea    |
| 0060              | Dr Structure, Rem                   | 2030011 | 8.000     | Ea    |
| 0070              | Sewer, Rem, Less than 24 inch       | 2030015 | 426.000   | Ft    |
| 0080              | Curb and Gutter, Rem                | 2040020 | 2,874.000 | Ft    |
| 0090              | Curb, Rem                           | 2040021 | 48.000    | Ft    |
| 0100              | Fence, Rem                          | 2040025 | 794.000   | Ft    |
| 0110              | Guardrail, Rem                      | 2040035 | 509.000   | Ft    |
| 0120              | Masonry and Conc Structure, Rem     | 2040045 | 100.000   | Cyd   |
| 0130              | Pavt, Rem                           | 2040050 | 8,529.000 | Syd   |
| 0140              | Sidewalk, Rem                       | 2040055 | 765.000   | Syd   |
| 0150              | Structures, Rem                     | 2040060 | 1.000     | LSUM  |
| 0160              | Exploratory Investigation, Vertical | 2040080 | 100.000   | Ft    |
| 0170              | Backfill, Swamp                     | 2050001 | 970.000   | Cyd   |
| 0180              | Embankment, CIP                     | 2050010 | 7,159.000 | Cyd   |
| 0190              | Excavation, Earth                   | 2050016 | 6,710.000 | Cyd   |
| 0200              | Excavation, Peat                    | 2050017 | 970.000   | Cyd   |
| 0210              | _ Excavation, Earth, RCOC           | 2057011 | 2,120.000 | Syd   |
| 0220              | _ Subgrade Undercutting, 21AA       | 2057021 | 300.000   | Cyd   |
| 0230              | _ Subgrade Undercutting, 3 by 1     | 2057021 | 300.000   | Cyd   |
| 0240              | Aggregate, 6A                       | 2060001 | 90.000    | Cyd   |
| 0250              | Backfill, Structure, CIP            | 2060002 | 595.000   | Cyd   |
| 0260              | Excavation, Fdn                     | 2060010 | 855.000   | Cyd   |
| 0270              | Erosion Control, Filter Bag         | 2080014 | 6.000     | Ea    |

|      |                                                                    |         |            |     |
|------|--------------------------------------------------------------------|---------|------------|-----|
| 0280 | Erosion Control, Turbidity Curtain, Shallow                        | 2080044 | 200.000    | Ft  |
| 0290 | _ Erosion Control, Silt Fence, RCOC                                | 2087001 | 6,492.000  | Ft  |
| 0300 | _ Erosion Control. Check Dam, Stone, RCOC                          | 2087001 | 12.000     | Ft  |
| 0310 | _ Erosion Control, Inlet Protection, Fabric Drop, RCOC             | 2087050 | 45.000     | Ea  |
| 0320 | _ Aggregate Base, 4 inch, 21AA, RCOC                               | 3027011 | 2,166.000  | Syd |
| 0330 | _ Aggregate Base, 6 inch, 21AA, RCOC                               | 3027011 | 1,067.000  | Syd |
| 0340 | _ Aggregate Base, 8 inch, 21AA, RCOC                               | 3027011 | 17,362.000 | Syd |
| 0350 | Maintenance Gravel                                                 | 3060020 | 500.000    | Ton |
| 0360 | _ Shoulder, 21AA, 8 inch                                           | 3077011 | 907.000    | Syd |
| 0370 | _ Biaxial Geogrid                                                  | 3087011 | 1,000.000  | Syd |
| 0380 | _ Geotextile Fabric, Type NW8                                      | 3087011 | 120.000    | Syd |
| 0390 | Culv End Sect, Conc, 12 inch                                       | 4010047 | 10.000     | Ea  |
| 0400 | Culv End Sect, Conc, 15 inch                                       | 4010048 | 1.000      | Ea  |
| 0410 | Culv End Sect, Conc, 18 inch                                       | 4010049 | 1.000      | Ea  |
| 0420 | Culv End Sect, Footing                                             | 4010072 | 14.000     | Ea  |
| 0430 | Culv, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch               | 4010901 | 176.000    | Ft  |
| 0440 | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Longit | 4011049 | 2.000      | Ea  |
| 0450 | _ Culv, CI F, CSP, 12 inch, RCOC                                   | 4017001 | 117.000    | Ft  |
| 0460 | _ Culv, CSP Arch, CI A, 71 inch by 47 inch, RCOC                   | 4017001 | 15.000     | Ft  |
| 0470 | Sewer, CI IV, 12 inch, Tr Det B                                    | 4020987 | 3,002.000  | Ft  |
| 0480 | Sewer, CI IV, 15 inch, Tr Det B                                    | 4020988 | 257.000    | Ft  |
| 0490 | Sewer, CI IV, 18 inch, Tr Det B                                    | 4020989 | 10.000     | Ft  |
| 0500 | Sewer Tap, 12 inch                                                 | 4021204 | 10.000     | Ea  |
| 0510 | Sewer Tap, 18 inch                                                 | 4021206 | 1.000      | Ea  |
| 0520 | Sewer Bulkhead, 12 inch                                            | 4021230 | 2.000      | Ea  |
| 0530 | Trench Undercut and Backfill                                       | 4021260 | 50.000     | Cyd |
| 0540 | Video Taping Sewer and Culv Pipe                                   | 4021275 | 3,449.000  | Ft  |
| 0550 | Sewer, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch, Tr Det B    | 4021450 | 110.000    | Ft  |
| 0560 | _ Trench Undercut and Backfill, Modified                           | 4027021 | 53.000     | Cyd |
| 0570 | Dr Structure Cover, Adj, Case 1                                    | 4030005 | 14.000     | Ea  |
| 0580 | Dr Structure Cover, Adj, Case 2                                    | 4030006 | 6.000      | Ea  |
| 0590 | Dr Structure Cover, Type B                                         | 4030010 | 16.000     | Ea  |
| 0600 | Dr Structure Cover, Type C                                         | 4030015 | 5.000      | Ea  |
| 0610 | Dr Structure Cover, Type G                                         | 4030040 | 2.000      | Ea  |
| 0620 | Dr Structure Cover, Type J                                         | 4030045 | 29.000     | Ea  |
| 0630 | Dr Structure Cover, Type K                                         | 4030050 | 6.000      | Ea  |
| 0640 | Dr Structure, 24 inch dia                                          | 4030200 | 10.000     | Ea  |
| 0650 | Dr Structure, 48 inch dia                                          | 4030210 | 36.000     | Ea  |
| 0660 | Dr Structure, 72 inch dia                                          | 4030230 | 2.000      | Ea  |
| 0670 | Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot          | 4030250 | 5.000      | Ft  |
| 0680 | Dr Structure, Adj, Add Depth                                       | 4030280 | 10.000     | Ft  |
| 0690 | Dr Structure, Cleaning                                             | 4030290 | 5.000      | Ea  |
| 0700 | Dr Structure, Tap, 6 inch                                          | 4030306 | 6.000      | Ea  |

|      |                                                        |         |            |      |
|------|--------------------------------------------------------|---------|------------|------|
| 0710 | Dr Structure, Tap, 15 inch                             | 4030315 | 1.000      | Ea   |
| 0720 | _ Public Utility Structure, Adj, Add Depth             | 4037001 | 10.000     | Ft   |
| 0730 | _ Hydrodynamic Separator Structure, 3.2 cfs            | 4037050 | 1.000      | Ea   |
| 0740 | _ Public Utility Structure Cover                       | 4037050 | 11.000     | Ea   |
| 0750 | _ Public Utility Structure Cover, Adj, Case 1          | 4037050 | 11.000     | Ea   |
| 0760 | _ Public Utility Structure Cover, Adj, Case 2          | 4037050 | 8.000      | Ea   |
| 0770 | _ Sediment Trap, 12 inch dia Outlet                    | 4037050 | 3.000      | Ea   |
| 0780 | _ Rectangular Drainage Structure                       | 4037051 | 1.000      | LSUM |
| 0790 | Underdrain Outlet, 6 inch                              | 4040093 | 60.000     | Ft   |
| 0800 | Underdrain, Outlet Ending, 6 inch                      | 4040113 | 3.000      | Ea   |
| 0810 | _ Underdrain, Fdn, 6 inch, Modified                    | 4047001 | 145.000    | Ft   |
| 0820 | _ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC      | 4047001 | 8,343.000  | Ft   |
| 0830 | Culv Bedding, Box Culv                                 | 4060005 | 15.000     | Cyd  |
| 0840 | _ Culv, Precast Conc Box, 6 foot by 5 foot, Modified   | 4067001 | 33.000     | Ft   |
| 0850 | _ Box Culvert Joint Tie Assemblies                     | 4067051 | 1.000      | LSUM |
| 0860 | HMA Surface, Rem                                       | 5010005 | 10,340.000 | Syd  |
| 0870 | Edge Trimming                                          | 5010009 | 2,311.000  | Ft   |
| 0880 | Pavt Joint and Crack Repr, Det 7                       | 5010020 | 800.000    | Ft   |
| 0890 | Pavt Joint and Crack Repr, Det 8                       | 5010021 | 200.000    | Ft   |
| 0900 | Hand Patching                                          | 5010025 | 1,748.000  | Ton  |
| 0910 | HMA, 3E3                                               | 5010045 | 997.000    | Ton  |
| 0920 | HMA, 4E3                                               | 5010051 | 720.000    | Ton  |
| 0930 | HMA, 5E3                                               | 5010057 | 5,534.000  | Ton  |
| 0940 | _ Joint, HMA Plane of Weakness                         | 5017001 | 6,220.000  | Ft   |
| 0950 | _ Cold Milling Pavt                                    | 5017011 | 21,941.000 | Syd  |
| 0960 | _ HMA Approach (Driveway)                              | 5017031 | 212.000    | Ton  |
| 0970 | _ HMA Approach (Side Street)                           | 5017031 | 464.000    | Ton  |
| 0980 | _ Pavt, Cleaning, RCOC                                 | 5017051 | 1.000      | LSUM |
| 0990 | Conc Base Cse, Nonreinf, 6 inch                        | 6020015 | 393.000    | Syd  |
| 1000 | _ Conc Pavt with Integral Curb, Misc, Nonreinf, 9 inch | 6027011 | 40.000     | Syd  |
| 1010 | Cofferdams                                             | 7040007 | 1.000      | LSUM |
| 1020 | _ Steel Sheet Piling, Permanent, Modified              | 7047010 | 1,575.000  | Sft  |
| 1030 | _ Gabion Wall                                          | 7067011 | 34.000     | Syd  |
| 1040 | Membrane, Preformed Waterproofing                      | 7100008 | 660.000    | Sft  |
| 1050 | Driveway, Nonreinf Conc, 6 inch                        | 8010005 | 186.000    | Syd  |
| 1060 | Curb, Conc, Det E2                                     | 8020002 | 37.000     | Ft   |
| 1070 | Curb and Gutter, Conc, Det B2                          | 8020016 | 7,267.000  | Ft   |
| 1080 | Curb and Gutter, Conc, Det D2                          | 8020031 | 330.000    | Ft   |
| 1090 | Curb and Gutter, Conc, Det F4                          | 8020038 | 96.000     | Ft   |
| 1100 | _ Curb and Gutter, Conc, Det C4, RCOC                  | 8027001 | 47.000     | Ft   |
| 1110 | _ Driveway Opening, Conc, Det M, RCOC                  | 8027001 | 273.000    | Ft   |
| 1120 | _ Spillway, Conc, RCOC                                 | 8027001 | 193.000    | Ft   |
| 1130 | Curb Ramp Opening, Conc                                | 8030030 | 236.000    | Ft   |
| 1140 | Sidewalk Ramp, Conc, 6 inch                            | 8030036 | 2,218.000  | Sft  |
| 1150 | Sidewalk, Conc, 4 inch                                 | 8030044 | 12,656.000 | Sft  |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
| 1160 | Sidewalk, Conc, 6 inch                                           | 8030046 | 1,800.000  | Sft  |
| 1170 | _ Detectable Warning Surface, Bloomfield Township                | 8037001 | 144.000    | Ft   |
| 1180 | _ Detectable Warning Surface, West Bloomfield Township           | 8037001 | 7.000      | Ft   |
| 1190 | Guardrail, Type MGS-8                                            | 8070004 | 175.000    | Ft   |
| 1200 | Guardrail Reflector                                              | 8070080 | 3.000      | Ea   |
| 1210 | Post, Mailbox                                                    | 8070095 | 10.000     | Ea   |
| 1220 | _ Guardrail Approach Terminal, Type 2M, MSKT                     | 8077050 | 2.000      | Ea   |
| 1230 | Fence, Woven Wire with Steel Post                                | 8080002 | 65.000     | Ft   |
| 1240 | _ Fence, Wood, Split Rail, Special                               | 8087001 | 186.000    | Ft   |
| 1250 | Post, Steel, 3 lb                                                | 8100371 | 706.000    | Ft   |
| 1260 | Sign, Type II, Erect, Salv                                       | 8100396 | 1.000      | Ea   |
| 1270 | Sign, Type II, Rem                                               | 8100397 | 3.000      | Ea   |
| 1280 | Sign, Type IIA                                                   | 8100398 | 29.000     | Sft  |
| 1290 | Sign, Type III, Rem                                              | 8100403 | 66.000     | Ea   |
| 1300 | Sign, Type IIIA                                                  | 8100404 | 189.000    | Sft  |
| 1310 | Sign, Type IIIB                                                  | 8100405 | 84.000     | Sft  |
| 1320 | _ Decorative Sign, Rem, RCOC                                     | 8107050 | 1.000      | Ea   |
| 1330 | _ Post, Flexible, Delineator, RCOC                               | 8107050 | 17.000     | Ea   |
| 1340 | _ Street Sign Post                                               | 8107050 | 11.000     | Ea   |
| 1350 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 12,950.000 | Ft   |
| 1360 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 4,150.000  | Ft   |
| 1370 | _ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar                     | 8117001 | 270.000    | Ft   |
| 1380 | _ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line                | 8117001 | 885.000    | Ft   |
| 1390 | _ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol                | 8117050 | 2.000      | Ea   |
| 1400 | _ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol               | 8117050 | 5.000      | Ea   |
| 1410 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 30.000     | Ea   |
| 1420 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 30.000     | Ea   |
| 1430 | Pedestrian Type II Barricade, Temp                               | 8120026 | 18.000     | Ea   |
| 1440 | Channelizing Device, 42 inch, Fluorescent, Furn                  | 8120035 | 150.000    | Ea   |
| 1450 | Channelizing Device, 42 inch, Fluorescent, Oper                  | 8120036 | 150.000    | Ea   |
| 1460 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea   |
| 1470 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea   |
| 1480 | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM |
| 1490 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp   | 8120235 | 200.000    | Ft   |
| 1500 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp  | 8120236 | 3,000.000  | Ft   |
| 1510 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 200.000    | Ft   |
| 1520 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 2,000.000  | Ft   |
| 1530 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 150.000    | Ea   |
| 1540 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 150.000    | Ea   |
| 1550 | Sign Cover                                                       | 8120310 | 20.000     | Ea   |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
| 1560 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 800.000    | Sft  |
| 1570 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 800.000    | Sft  |
| 1580 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 300.000    | Sft  |
| 1590 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 300.000    | Sft  |
| 1600 | Traf Regulator Control                                           | 8120370 | 1.000      | LSUM |
| 1610 | _ Ditch, Plain Cobble, RCOC                                      | 8137011 | 34.000     | Syd  |
| 1620 | _ Riprap, Heavy, RCOC                                            | 8137011 | 65.000     | Syd  |
| 1630 | _ Riprap, Plain, RCOC                                            | 8137011 | 151.000    | Syd  |
| 1640 | _ Geocellular Confinement System                                 | 8167011 | 1,515.000  | Syd  |
| 1650 | _ Turf Establishment, ES Seed, Regular Mulch, Performance, RCOC  | 8167011 | 905.000    | Syd  |
| 1660 | _ Turf Establishment, TUF Seed, Regular Mulch, Performance, RCOC | 8167011 | 14,022.000 | Syd  |
| 1670 | Cable Pole, TS and Sec, Dismant                                  | 8190009 | 1.000      | Ea   |
| 1680 | Conduit, DB, 1, 1 1/4 inch                                       | 8190026 | 185.000    | Ft   |
| 1690 | Conduit, DB, 1, 3 inch                                           | 8190029 | 170.000    | Ft   |
| 1700 | Conduit, DB, 2, 3 inch                                           | 8190032 | 27.000     | Ft   |
| 1710 | Conduit, DB, 3, 3 inch                                           | 8190035 | 17.000     | Ft   |
| 1720 | Conduit, DB, 3, 4 inch                                           | 8190036 | 3.000      | Ft   |
| 1730 | Hh, Rem                                                          | 8190254 | 2.000      | Ea   |
| 1740 | Hh, Round                                                        | 8190260 | 7.000      | Ea   |
| 1750 | Luminaire, Rem                                                   | 8190360 | 1.000      | Ea   |
| 1760 | Wood Pole, Fit Up, TS and Sec Cable Pole                         | 8190500 | 1.000      | Ea   |
| 1770 | Wood Pole, Rem                                                   | 8190505 | 1.000      | Ea   |
| 1780 | _ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC                    | 8197001 | 40.000     | Ft   |
| 1790 | _ Hh, Square, RCOC                                               | 8197050 | 2.000      | Ea   |
| 1800 | Case Sign, Rem                                                   | 8200020 | 1.000      | Ea   |
| 1810 | Controller and Cabinet, Rem                                      | 8200030 | 1.000      | Ea   |
| 1820 | Controller Fdn, Base Mount                                       | 8200045 | 1.000      | Ea   |
| 1830 | Pedestal, Fdn                                                    | 8200105 | 3.000      | Ea   |
| 1840 | Pushbutton and Sign                                              | 8200121 | 4.000      | Ea   |
| 1850 | Pushbutton and Sign, Salv                                        | 8200126 | 8.000      | Ea   |
| 1860 | Serv Disconnect                                                  | 8200135 | 1.000      | Ea   |
| 1870 | Serv Disconnect, Rem                                             | 8200136 | 1.000      | Ea   |
| 1880 | Span Wire, Rem                                                   | 8200141 | 3.000      | Ea   |
| 1890 | TS, Pedestrian, Bracket Arm Mtd, Rem                             | 8200180 | 8.000      | Ea   |
| 1900 | TS, Span Wire Mtd, Rem                                           | 8200182 | 2.000      | Ea   |
| 1910 | TS, One Way Span Wire Mtd, One Sect (LED)                        | 8200290 | 8.000      | Ea   |
| 1920 | TS, One Way Span Wire Mtd, FYA (LED)                             | 8200314 | 4.000      | Ea   |
| 1930 | TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown          | 8200336 | 1.000      | Ea   |
| 1940 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown          | 8200339 | 4.000      | Ea   |
| 1950 | TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown             | 8200345 | 3.000      | Ea   |
| 1960 | Hemispherical Video Detection Camera                             | 8200444 | 1.000      | Ea   |
| 1970 | Hemispherical Video Detection System                             | 8200445 | 1.000      | Ea   |

|      |                                             |         |           |    |
|------|---------------------------------------------|---------|-----------|----|
| 1980 | TS Head, Temp                               | 8200453 | 2.000     | Ea |
| 1990 | TS Face, Bag                                | 8200458 | 10.000    | Ea |
| 2000 | TS Face, Bag, Rem                           | 8200459 | 10.000    | Ea |
| 2010 | Strain Pole, Steel, 6 bolt, 30 foot         | 8200460 | 3.000     | Ea |
| 2020 | Strain Pole, Steel, 6 bolt, 36 foot         | 8200461 | 1.000     | Ea |
| 2030 | Strain Pole Fdn, 6 Bolt                     | 8200470 | 60.000    | Ft |
| 2040 | Casing                                      | 8200480 | 48.000    | Ft |
| 2050 | _ Bracket Arm, 18 foot, RCOC                | 8207050 | 1.000     | Ea |
| 2060 | _ Cabinet, ITS Type, Delivered, RCOC        | 8207050 | 1.000     | Ea |
| 2070 | _ Cabinet, ITS Type, RCOC                   | 8207050 | 1.000     | Ea |
| 2080 | _ Camera, Traffic Monitoring, RCOC          | 8207050 | 1.000     | Ea |
| 2090 | _ Controller, Digital Type, Delivered, RCOC | 8207050 | 1.000     | Ea |
| 2100 | _ Pedestal, Alum, RCOC                      | 8207050 | 3.000     | Ea |
| 2110 | _ Pushbutton Support Post, RCOC             | 8207050 | 9.000     | Ea |
| 2120 | _ Span Wire, Box, RCOC                      | 8207050 | 1.000     | Ea |
| 2130 | _ Tether Wire, Box, RCOC                    | 8207050 | 1.000     | Ea |
| 2140 | Monument Box                                | 8210001 | 2.000     | Ea |
| 2150 | Monument Box Adjust                         | 8210005 | 2.000     | Ea |
| 2160 | Hydrant, Relocate, Case 2                   | 8230096 | 1.000     | Ea |
| 2170 | _ Sprinkler Line                            | 8237001 | 1,000.000 | Ft |
| 2180 | _ Sprinkler Head, Relocate                  | 8237050 | 50.000    | Ea |
| 2190 | _ Sprinkler Head, Replace                   | 8237050 | 50.000    | Ea |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 003**Letting Date:** August 7, 2020**Contract ID:** 63000-205994

**Description:** 0.87 mi of hot mix asphalt rehabilitation, concrete curb and gutter, traffic signals, signing and pavement marking on Walton Boulevard from Dixie Highway to Sashabaw Road, Oakland County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205994A        | 20A0794                | N/A                 | STU 63000       |

**List of Items by Section**

| Line Num          | Item Description                                       | Item ID | Quantity   | Units |
|-------------------|--------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                        |         |            |       |
| 0010              | Mobilization, Max \$306,300.00                         | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                                   | 2040020 | 3,244.000  | Ft    |
| 0030              | Pavt, Rem                                              | 2040050 | 32,658.000 | Syd   |
| 0040              | Sidewalk, Rem                                          | 2040055 | 306.000    | Syd   |
| 0050              | Utility Pole, Rem                                      | 2040070 | 1.000      | Ea    |
| 0060              | _ Exploration for Utility Location                     | 2047021 | 120.000    | Cyd   |
| 0070              | _ Excavation, Earth, RCOC                              | 2057011 | 1,183.000  | Syd   |
| 0080              | _ Erosion Control, Inlet Protection, Fabric Drop, RCOC | 2087050 | 39.000     | Ea    |
| 0090              | Aggregate Base, Conditioning                           | 3020050 | 32,017.000 | Syd   |
| 0100              | _ Aggregate Base, 4 inch, 21AA, RCOC                   | 3027011 | 587.000    | Syd   |
| 0110              | _ Aggregate Base, 21AA, RCOC                           | 3027031 | 2,985.000  | Ton   |
| 0120              | Maintenance Gravel                                     | 3060020 | 500.000    | Ton   |
| 0130              | Video Taping Sewer and Culv Pipe                       | 4021275 | 400.000    | Ft    |
| 0140              | Dr Structure Cover, Adj, Case 1                        | 4030005 | 39.000     | Ea    |
| 0150              | Dr Structure Cover, Type B                             | 4030010 | 5.000      | Ea    |
| 0160              | Dr Structure Cover, Type D                             | 4030025 | 1.000      | Ea    |
| 0170              | Dr Structure Cover, Type J                             | 4030045 | 2.000      | Ea    |
| 0180              | Dr Structure Cover, Type K                             | 4030050 | 36.000     | Ea    |
| 0190              | Dr Structure, Adj, Add Depth                           | 4030280 | 39.000     | Ft    |
| 0200              | _ Public Utility Structure, Adj, Add Depth             | 4037001 | 10.000     | Ft    |
| 0210              | _ Dr Structure Cover, Adj, Case 1, RCOC                | 4037050 | 5.000      | Ea    |
| 0220              | _ Public Utility Structure Cover                       | 4037050 | 10.000     | Ea    |
| 0230              | _ Public Utility Structure Cover, Adj, Case 1          | 4037050 | 8.000      | Ea    |
| 0240              | _ Public Utility Structure Cover, Adj, Case 1, RCOC    | 4037050 | 2.000      | Ea    |
| 0250              | Cold Milling HMA Surface                               | 5010002 | 55.000     | Syd   |
| 0260              | HMA Surface, Rem                                       | 5010005 | 541.000    | Syd   |
| 0270              | HMA Patch, Rem                                         | 5010006 | 80.000     | Syd   |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
| 0280 | Hand Patching                                                    | 5010025 | 58.000     | Ton  |
| 0290 | HMA, 3E3                                                         | 5010045 | 5,162.000  | Ton  |
| 0300 | HMA, 4E3                                                         | 5010051 | 3,442.000  | Ton  |
| 0310 | HMA, 5E3                                                         | 5010057 | 5,180.000  | Ton  |
| 0320 | HMA Approach                                                     | 5010061 | 300.000    | Ton  |
| 0330 | _ Pavt, Cleaning, RCOC                                           | 5017051 | 1.000      | LSUM |
| 0340 | _ Conc Pavt with Integral Curb, Misc, Nonreinf, 9 inch           | 6027011 | 471.000    | Syd  |
| 0350 | Joint, Contraction, Crg                                          | 6030020 | 744.000    | Ft   |
| 0360 | _ Pedestrian Path, Temp                                          | 8007001 | 100.000    | Ft   |
| 0370 | _ Pedestrian Ramp, Temp                                          | 8007050 | 22.000     | Ea   |
| 0380 | Curb and Gutter, Conc, Det B2                                    | 8020016 | 233.000    | Ft   |
| 0390 | Curb and Gutter, Conc, Det F6                                    | 8020040 | 1,516.000  | Ft   |
| 0400 | _ Driveway Opening, Conc, Det M, RCOC                            | 8027001 | 1,775.000  | Ft   |
| 0410 | Curb Ramp Opening, Conc                                          | 8030030 | 264.000    | Ft   |
| 0420 | Sidewalk Ramp, Conc, 4 inch                                      | 8030034 | 3,335.000  | Sft  |
| 0430 | Sidewalk Ramp, Conc, 6 inch                                      | 8030036 | 1,770.000  | Sft  |
| 0440 | Sidewalk, Conc, 4 inch                                           | 8030044 | 275.000    | Sft  |
| 0450 | _ Detectable Warning Surface, RCOC                               | 8037001 | 172.000    | Ft   |
| 0460 | Post, Steel, 3 lb                                                | 8100371 | 799.000    | Ft   |
| 0470 | Sign, Type III, Erect, Salv                                      | 8100402 | 1.000      | Ea   |
| 0480 | Sign, Type III, Rem                                              | 8100403 | 68.000     | Ea   |
| 0490 | Sign, Type IIIA                                                  | 8100404 | 71.000     | Sft  |
| 0500 | Sign, Type IIIB                                                  | 8100405 | 219.000    | Sft  |
| 0510 | Sign, Type VB                                                    | 8100425 | 8.000      | Sft  |
| 0520 | _ Street Sign Post                                               | 8107050 | 6.000      | Ea   |
| 0530 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 14,240.000 | Ft   |
| 0540 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 9,159.000  | Ft   |
| 0550 | _ Pavt Mrkg, Cold Plastic, 18 Inch, Stop Bar                     | 8117001 | 300.000    | Ft   |
| 0560 | _ Pavt Mrkg, Cold Plastic, 6 Inch, Crosswalk Line                | 8117001 | 794.000    | Ft   |
| 0570 | _ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol                | 8117050 | 7.000      | Ea   |
| 0580 | _ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol               | 8117050 | 1.000      | Ea   |
| 0590 | _ Pavt Mrkg, Cold Plastic, School                                | 8117050 | 2.000      | Ea   |
| 0600 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 70.000     | Ea   |
| 0610 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 70.000     | Ea   |
| 0620 | Pedestrian Type II Barricade, Temp                               | 8120026 | 12.000     | Ea   |
| 0630 | Channelizing Device, 42 inch, Fluorescent, Furn                  | 8120035 | 75.000     | Ea   |
| 0640 | Channelizing Device, 42 inch, Fluorescent, Oper                  | 8120036 | 75.000     | Ea   |
| 0650 | Lighted Arrow, Type C, Furn                                      | 8120140 | 1.000      | Ea   |
| 0660 | Lighted Arrow, Type C, Oper                                      | 8120141 | 1.000      | Ea   |
| 0670 | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM |
| 0680 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 367.000    | Ft   |
| 0690 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp   | 8120235 | 7,700.000  | Ft   |
| 0700 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,               | 8120236 | 17,960.000 | Ft   |

|      |                                                                  |         |           |      |
|------|------------------------------------------------------------------|---------|-----------|------|
|      | Yellow, Temp                                                     |         |           |      |
| 0710 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 4,781.000 | Ft   |
| 0720 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 150.000   | Ft   |
| 0730 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 250.000   | Ea   |
| 0740 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 250.000   | Ea   |
| 0750 | Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow           | 8120257 | 13.000    | Ea   |
| 0760 | Sign Cover                                                       | 8120310 | 10.000    | Ea   |
| 0770 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 955.000   | Sft  |
| 0780 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 955.000   | Sft  |
| 0790 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 500.000   | Sft  |
| 0800 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 500.000   | Sft  |
| 0810 | Traf Regulator Control                                           | 8120370 | 1.000     | LSUM |
| 0820 | _ Pavt Mrkg, Wet Reflective, Type R, Tape, 18 inch Stop Bar      | 8127001 | 125.000   | Ft   |
| 0830 | _ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC | 8167011 | 1,837.000 | Syd  |
| 0840 | Conduit, DB, 1, 1 1/4 inch                                       | 8190026 | 257.000   | Ft   |
| 0850 | Conduit, DB, 1, 3 inch                                           | 8190029 | 262.000   | Ft   |
| 0860 | Conduit, DB, 3, 3 inch                                           | 8190035 | 84.000    | Ft   |
| 0870 | Conduit, DB, 3, 4 inch                                           | 8190036 | 11.000    | Ft   |
| 0880 | DB Cable, in Conduit, Rem                                        | 8190220 | 530.000   | Ft   |
| 0890 | Hh, Rem                                                          | 8190254 | 5.000     | Ea   |
| 0900 | Hh, Round                                                        | 8190260 | 3.000     | Ea   |
| 0910 | Cable, Sec, 600V, 1, 3/C#6                                       | 8190399 | 280.000   | Ft   |
| 0920 | _ Cable, Sec, 600V, 1, 2C/#4, #6 Ground, RCOC                    | 8197001 | 200.000   | Ft   |
| 0930 | _ Hh, Square, RCOC                                               | 8197050 | 1.000     | Ea   |
| 0940 | Case Sign Panel, Rem                                             | 8200004 | 8.000     | Ea   |
| 0950 | Controller and Cabinet, Rem                                      | 8200030 | 1.000     | Ea   |
| 0960 | Controller Fdn, Base Mount                                       | 8200045 | 1.000     | Ea   |
| 0970 | Controller Fdn, Rem                                              | 8200046 | 1.000     | Ea   |
| 0980 | Fdn, Rem                                                         | 8200065 | 2.000     | Ea   |
| 0990 | TS, Managed Field Ethernet Switch, Layer 2, Copper               | 8200088 | 1.000     | Ea   |
| 1000 | Pedestal Fdn, Flush                                              | 8200103 | 4.000     | Ea   |
| 1010 | Pedestal, Fdn                                                    | 8200105 | 4.000     | Ea   |
| 1020 | Power Co. (Est. Cost to Contractor)                              | 8200116 | 1,000.000 | Dlr  |
| 1030 | Pushbutton and Sign                                              | 8200121 | 8.000     | Ea   |
| 1040 | Pushbutton, Rem                                                  | 8200122 | 8.000     | Ea   |
| 1050 | Serv Disconnect                                                  | 8200135 | 1.000     | Ea   |
| 1060 | Serv Disconnect, Rem                                             | 8200136 | 1.000     | Ea   |
| 1070 | Span Wire, Rem                                                   | 8200141 | 2.000     | Ea   |
| 1080 | Steel Pole, Rem                                                  | 8200145 | 2.000     | Ea   |
| 1090 | TS, Bracket Arm Mtd, Rem                                         | 8200175 | 4.000     | Ea   |
| 1100 | TS, Pedestrian, Bracket Arm Mtd, Rem                             | 8200180 | 4.000     | Ea   |
| 1110 | TS, Span Wire Mtd, Rem                                           | 8200182 | 5.000     | Ea   |

|      |                                                            |         |         |    |
|------|------------------------------------------------------------|---------|---------|----|
| 1120 | TS, One Way Span Wire Mtd (LED)                            | 8200313 | 8.000   | Ea |
| 1130 | TS, One Way Span Wire Mtd, FYA (LED)                       | 8200314 | 4.000   | Ea |
| 1140 | TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown    | 8200336 | 1.000   | Ea |
| 1150 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown    | 8200339 | 3.000   | Ea |
| 1160 | TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown       | 8200345 | 1.000   | Ea |
| 1170 | Video Traf Detection Camera, Rem                           | 8200384 | 4.000   | Ea |
| 1180 | Bracket, Truss, Rem                                        | 8200388 | 4.000   | Ea |
| 1190 | Case Sign, Non-Illuminated, Rem                            | 8200432 | 5.000   | Ea |
| 1200 | Hemispherical Video Detection Camera                       | 8200444 | 1.000   | Ea |
| 1210 | Hemispherical Video Detection System                       | 8200445 | 1.000   | Ea |
| 1220 | TS Head, Temp                                              | 8200453 | 12.000  | Ea |
| 1230 | TS Face, Bag                                               | 8200458 | 36.000  | Ea |
| 1240 | TS Face, Bag, Rem                                          | 8200459 | 36.000  | Ea |
| 1250 | Strain Pole, Steel, 6 bolt, 36 foot                        | 8200461 | 4.000   | Ea |
| 1260 | Strain Pole Fdn, 6 Bolt                                    | 8200470 | 56.000  | Ft |
| 1270 | Casing                                                     | 8200480 | 44.000  | Ft |
| 1280 | _ Bracket Arm, 12 foot, RCOC                               | 8207050 | 1.000   | Ea |
| 1290 | _ Cabinet, ITS Type, Delivered, RCOC                       | 8207050 | 1.000   | Ea |
| 1300 | _ Cabinet, ITS Type, RCOC                                  | 8207050 | 1.000   | Ea |
| 1310 | _ Camera, Traffic Monitoring, RCOC                         | 8207050 | 1.000   | Ea |
| 1320 | _ Controller, Digital Type, Delivered, RCOC                | 8207050 | 1.000   | Ea |
| 1330 | _ Pedestal, Alum, RCOC                                     | 8207050 | 1.000   | Ea |
| 1340 | _ Pushbutton Support Post, RCOC                            | 8207050 | 7.000   | Ea |
| 1350 | _ Span Wire, Box, RCOC                                     | 8207050 | 1.000   | Ea |
| 1360 | _ Street Name Sign, Bracket Arm, RCOC                      | 8207050 | 4.000   | Ea |
| 1370 | _ Street Name Sign, Two Way, 6 foot, Non-Illuminated, RCOC | 8207050 | 4.000   | Ea |
| 1380 | _ Tether Wire, Box, RCOC                                   | 8207050 | 1.000   | Ea |
| 1390 | _ Sprinkler Line                                           | 8507001 | 100.000 | Ft |
| 1400 | _ Sprinkler Head, Relocate                                 | 8507050 | 10.000  | Ea |
| 1410 | _ Sprinkler Head, Replace                                  | 8507050 | 10.000  | Ea |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 004

**Letting Date:** August 7, 2020

**Contract ID:** 63000-203539

**Description:** 0.96 mi of hot mix asphalt reconstruction, drainage, traffic signals, guardrail, signing and pavement marking on Currie Road from north of 9 Mile Road to 10 Mile Road, Oakland County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203539A        | 20A0796                | N/A                 | HIPU 63000      |

### List of Items by Section

| Line Num          | Item Description                          | Item ID | Quantity   | Units |
|-------------------|-------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                           |         |            |       |
| 0010              | Mobilization, Max \$304,000.00            | 1500001 | 1.000      | LSUM  |
| 0020              | _ Clearing, RCOC                          | 2017012 | 0.780      | Acre  |
| 0030              | Tree, Rem, 19 inch to 36 inch             | 2020002 | 25.000     | Ea    |
| 0040              | Tree, Rem, 37 inch or Larger              | 2020003 | 3.000      | Ea    |
| 0050              | Stump, Rem, 19 inch to 36 inch            | 2020006 | 6.000      | Ea    |
| 0060              | Stump, Rem, 37 inch or Larger             | 2020007 | 3.000      | Ea    |
| 0070              | _ Stump, Rem, 3 inch to 18 inch           | 2027050 | 6.000      | Ea    |
| 0080              | _ Tree, Rem, 3 inch to 18 inch            | 2027050 | 53.000     | Ea    |
| 0090              | Culv, Rem, Less than 24 inch              | 2030001 | 11.000     | Ea    |
| 0100              | Sewer, Rem, Less than 24 inch             | 2030015 | 84.000     | Ft    |
| 0110              | Curb and Gutter, Rem                      | 2040020 | 262.000    | Ft    |
| 0120              | Fence, Rem                                | 2040025 | 1,235.000  | Ft    |
| 0130              | Guardrail, Rem                            | 2040035 | 251.000    | Ft    |
| 0140              | Masonry and Conc Structure, Rem           | 2040045 | 12.000     | Cyd   |
| 0150              | Pavt, Rem                                 | 2040050 | 141.000    | Syd   |
| 0160              | Utility Pole, Rem                         | 2040070 | 3.000      | Ea    |
| 0170              | _ Brick, Salv and Replace                 | 2047010 | 47.000     | Sft   |
| 0180              | _ Exploration for Utility Location        | 2047021 | 260.000    | Cyd   |
| 0190              | Embankment, CIP                           | 2050010 | 12,646.000 | Cyd   |
| 0200              | Excavation, Earth                         | 2050016 | 11,776.000 | Cyd   |
| 0210              | Subgrade Undercutting, Type II            | 2050041 | 600.000    | Cyd   |
| 0220              | _ Excavation, Earth, RCOC                 | 2057011 | 2,418.000  | Syd   |
| 0230              | _ Subgrade Undercutting, 21AA             | 2057021 | 640.000    | Cyd   |
| 0240              | _ Subgrade Undercutting, 3 by 1           | 2057021 | 640.000    | Cyd   |
| 0250              | Erosion Control, Filter Bag               | 2080014 | 1.000      | Ea    |
| 0260              | _ Erosion Control, Check Dam, Stone, RCOC | 2087001 | 336.000    | Ft    |
| 0270              | _ Erosion Control, Silt Fence, RCOC       | 2087001 | 4,567.000  | Ft    |

|      |                                                                    |         |            |     |
|------|--------------------------------------------------------------------|---------|------------|-----|
| 0280 | _ Erosion Control, Inlet Protection, Fabric Drop, RCOC             | 2087050 | 34.000     | Ea  |
| 0290 | _ Erosion Control, Inlet Protection, Geotextile and Stone, RCOC    | 2087050 | 7.000      | Ea  |
| 0300 | _ Erosion Control, Inlet Protection, Sediment Trap, RCOC           | 2087050 | 2.000      | Ea  |
| 0310 | _ Aggregate Base, 10 inch, 21AA, RCOC                              | 3027011 | 441.000    | Syd |
| 0320 | _ Aggregate Base, 12 inch, 21AA, RCOC                              | 3027011 | 22,515.000 | Syd |
| 0330 | _ Aggregate Base, 4 inch, 21AA, RCOC                               | 3027011 | 285.000    | Syd |
| 0340 | _ Aggregate Base, 6 inch, 21AA, RCOC                               | 3027011 | 845.000    | Syd |
| 0350 | _ Aggregate Base, 8 inch, 21AA, RCOC                               | 3027011 | 48.000     | Syd |
| 0360 | Maintenance Gravel                                                 | 3060020 | 1,000.000  | Ton |
| 0370 | _ Aggregate Surface Cse, 6 inch, RCOC                              | 3067011 | 220.000    | Syd |
| 0380 | _ Shoulder, 21AA, 6 1/2 inch                                       | 3077011 | 1,596.000  | Syd |
| 0390 | _ Approach, 21AA                                                   | 3077031 | 93.000     | Ton |
| 0400 | _ Biaxial Geogrid                                                  | 3087011 | 1,920.000  | Syd |
| 0410 | _ Geotextile Fabric, Type NW 8                                     | 3087011 | 1,920.000  | Syd |
| 0420 | Culv End Sect, Conc, 12 inch                                       | 4010047 | 3.000      | Ea  |
| 0430 | Culv End Sect, Conc, 15 inch                                       | 4010048 | 8.000      | Ea  |
| 0440 | Culv End Sect, Conc, 18 inch                                       | 4010049 | 3.000      | Ea  |
| 0450 | Culv End Sect, Footing                                             | 4010072 | 16.000     | Ea  |
| 0460 | Culv, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch               | 4010901 | 81.000     | Ft  |
| 0470 | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Transv | 4011050 | 2.000      | Ea  |
| 0480 | _ Culv, CI F, CSP, 12 inch, RCOC                                   | 4017001 | 165.000    | Ft  |
| 0490 | _ Culv, CI F, CSP, 15 inch, RCOC                                   | 4017001 | 65.000     | Ft  |
| 0500 | Sewer, CI IV, 12 inch, Tr Det B                                    | 4020987 | 323.000    | Ft  |
| 0510 | Sewer, CI IV, 15 inch, Tr Det B                                    | 4020988 | 3,835.000  | Ft  |
| 0520 | Sewer, CI IV, 18 inch, Tr Det B                                    | 4020989 | 351.000    | Ft  |
| 0530 | Sewer Bulkhead, 18 inch                                            | 4021232 | 1.000      | Ea  |
| 0540 | Trench Undercut and Backfill                                       | 4021260 | 111.000    | Cyd |
| 0550 | Video Taping Sewer and Culv Pipe                                   | 4021275 | 4,190.000  | Ft  |
| 0560 | Dr Structure Cover, Adj, Case 1                                    | 4030005 | 10.000     | Ea  |
| 0570 | Dr Structure Cover, Adj, Case 2                                    | 4030006 | 7.000      | Ea  |
| 0580 | Dr Structure Cover, Type B                                         | 4030010 | 9.000      | Ea  |
| 0590 | Dr Structure Cover, Type C                                         | 4030015 | 3.000      | Ea  |
| 0600 | Dr Structure Cover, Type E                                         | 4030035 | 2.000      | Ea  |
| 0610 | Dr Structure Cover, Type J                                         | 4030045 | 34.000     | Ea  |
| 0620 | Dr Structure, 24 inch dia                                          | 4030200 | 7.000      | Ea  |
| 0630 | Dr Structure, 48 inch dia                                          | 4030210 | 33.000     | Ea  |
| 0640 | Dr Structure, 60 inch dia                                          | 4030220 | 1.000      | Ea  |
| 0650 | Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot          | 4030250 | 4.000      | Ft  |
| 0660 | Dr Structure, Adj, Add Depth                                       | 4030280 | 38.000     | Ft  |
| 0670 | Dr Structure, Tap, 12 inch                                         | 4030312 | 3.000      | Ea  |
| 0680 | _ Public Utility Structure, Adj, Add Depth                         | 4037001 | 20.000     | Ft  |
| 0690 | _ Public Utility Structure Cover                                   | 4037050 | 3.000      | Ea  |

|      |                                                     |         |           |      |
|------|-----------------------------------------------------|---------|-----------|------|
| 0700 | _ Public Utility Structure Cover, Adj, Case 1       | 4037050 | 3.000     | Ea   |
| 0710 | _ Public Utility Structure Cover, Adj, Case 2       | 4037050 | 7.000     | Ea   |
| 0720 | Underdrain Outlet, 6 inch                           | 4040093 | 204.000   | Ft   |
| 0730 | Underdrain, Outlet Ending, 6 inch                   | 4040113 | 2.000     | Ea   |
| 0740 | _ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC   | 4047001 | 6,468.000 | Ft   |
| 0750 | HMA Surface, Rem                                    | 5010005 | 1,114.000 | Syd  |
| 0760 | Hand Patching                                       | 5010025 | 150.000   | Ton  |
| 0770 | HMA, 3E3                                            | 5010045 | 2,634.000 | Ton  |
| 0780 | HMA, 4E3                                            | 5010051 | 1,756.000 | Ton  |
| 0790 | HMA, 5E3                                            | 5010057 | 1,319.000 | Ton  |
| 0800 | _ Void Reducing Asphalt Membrane, RCOC              | 5017001 | 4,905.000 | Ft   |
| 0810 | _ HMA Approach, Commercial                          | 5017031 | 40.000    | Ton  |
| 0820 | _ HMA Approach, Residential                         | 5017031 | 114.000   | Ton  |
| 0830 | _ HMA Approach, Side Street                         | 5017031 | 139.000   | Ton  |
| 0840 | _ Pavt, Cleaning, RCOC                              | 5017051 | 1.000     | LSUM |
| 0850 | _ Membrane, Preformed Waterproofing, Modified       | 7107010 | 576.000   | Sft  |
| 0860 | Driveway, Nonreinf Conc, 6 inch                     | 8010005 | 204.000   | Syd  |
| 0870 | Curb and Gutter, Conc, Det B2                       | 8020016 | 6,309.000 | Ft   |
| 0880 | Curb and Gutter, Conc, Det D2                       | 8020031 | 399.000   | Ft   |
| 0890 | _ Spillway, Conc, RCOC                              | 8027001 | 78.000    | Ft   |
| 0900 | Curb Ramp Opening, Conc                             | 8030030 | 49.000    | Ft   |
| 0910 | Sidewalk Ramp, Conc, 6 inch                         | 8030036 | 875.000   | Sft  |
| 0920 | Sidewalk, Conc, 4 inch                              | 8030044 | 1,311.000 | Sft  |
| 0930 | _ Detectable Warning Surface, RCOC                  | 8037001 | 40.000    | Ft   |
| 0940 | Guardrail, Type B                                   | 8070000 | 25.000    | Ft   |
| 0950 | Guardrail, Type MGS-8                               | 8070004 | 410.000   | Ft   |
| 0960 | Guardrail, Curved, Type B                           | 8070010 | 38.000    | Ft   |
| 0970 | Guardrail, Backed, Det G2                           | 8070016 | 1.000     | Ea   |
| 0980 | Guardrail Approach Terminal, Type 1B                | 8070040 | 1.000     | Ea   |
| 0990 | Guardrail Departing Terminal, Type B                | 8070050 | 2.000     | Ea   |
| 1000 | Guardrail Reflector                                 | 8070080 | 38.000    | Ea   |
| 1010 | Post, Mailbox                                       | 8070095 | 14.000    | Ea   |
| 1020 | _ Guardrail Approach Terminal, Type 2M, MSKT        | 8077050 | 3.000     | Ea   |
| 1030 | _ Guardrail Long Span, Detail MGS-2                 | 8077050 | 1.000     | Ea   |
| 1040 | _ Driveway Gate Relocation                          | 8087050 | 1.000     | Ea   |
| 1050 | Post, Steel, 3 lb                                   | 8100371 | 238.000   | Ft   |
| 1060 | Sign, Type III, Rem                                 | 8100403 | 27.000    | Ea   |
| 1070 | Sign, Type IIIA                                     | 8100404 | 30.000    | Sft  |
| 1080 | Sign, Type IIIB                                     | 8100405 | 62.000    | Sft  |
| 1090 | Sign, Type VB                                       | 8100425 | 8.000     | Sft  |
| 1100 | _ Post, Flexible, Delineator, RCOC                  | 8107050 | 23.000    | Ea   |
| 1110 | _ Street Sign Post                                  | 8107050 | 2.000     | Ea   |
| 1120 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow       | 8110154 | 5,643.000 | Ft   |
| 1130 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White        | 8110155 | 3,525.000 | Ft   |
| 1140 | Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, | 8110494 | 4,479.000 | Ft   |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
|      | Yellow                                                           |         |            |      |
| 1150 | _ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar                     | 8117001 | 74.000     | Ft   |
| 1160 | _ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line                | 8117001 | 208.000    | Ft   |
| 1170 | _ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol                | 8117050 | 3.000      | Ea   |
| 1180 | _ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol               | 8117050 | 3.000      | Ea   |
| 1190 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 10.000     | Ea   |
| 1200 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 10.000     | Ea   |
| 1210 | Pedestrian Type II Barricade, Temp                               | 8120026 | 2.000      | Ea   |
| 1220 | Channelizing Device, 42 inch, Fluorescent, Furn                  | 8120035 | 150.000    | Ea   |
| 1230 | Channelizing Device, 42 inch, Fluorescent, Oper                  | 8120036 | 150.000    | Ea   |
| 1240 | Dust Palliative, Applied                                         | 8120100 | 5.000      | Ton  |
| 1250 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea   |
| 1260 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea   |
| 1270 | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM |
| 1280 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 850.000    | Ft   |
| 1290 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 400.000    | Ft   |
| 1300 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 1,500.000  | Ft   |
| 1310 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 50.000     | Ea   |
| 1320 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 50.000     | Ea   |
| 1330 | Sign Cover                                                       | 8120310 | 5.000      | Ea   |
| 1340 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 2.000      | Ea   |
| 1350 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 2.000      | Ea   |
| 1360 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 450.000    | Sft  |
| 1370 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 450.000    | Sft  |
| 1380 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 300.000    | Sft  |
| 1390 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 300.000    | Sft  |
| 1400 | Traf Regulator Control                                           | 8120370 | 1.000      | LSUM |
| 1410 | _ Pedestrian Path, Temp                                          | 8127001 | 183.000    | Ft   |
| 1420 | _ Riprap, Plain, RCOC                                            | 8137011 | 80.000     | Syd  |
| 1430 | _ Turf Establishment, ES Seed, Special Mulch, Performance, RCOC  | 8167011 | 2,751.000  | Syd  |
| 1440 | _ Turf Establishment, TUF Seed, Special Mulch, Performance, RCOC | 8167011 | 16,481.000 | Syd  |
| 1450 | Conduit, DB, 1, 1 1/4 inch                                       | 8190026 | 70.000     | Ft   |
| 1460 | Conduit, DB, 1, 3 inch                                           | 8190029 | 120.000    | Ft   |
| 1470 | Conduit, DB, 3, 3 inch                                           | 8190035 | 15.000     | Ft   |
| 1480 | Conduit, DB, 3, 4 inch                                           | 8190036 | 5.000      | Ft   |
| 1490 | Hh, Round                                                        | 8190260 | 3.000      | Ea   |
| 1500 | Wood Pole, Fit Up, TS and Sec Cable Pole                         | 8190500 | 1.000      | Ea   |
| 1510 | _ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC                    | 8197001 | 160.000    | Ft   |
| 1520 | _ Hh, Square, RCOC                                               | 8197050 | 1.000      | Ea   |
| 1530 | Controller Fdn, Base Mount                                       | 8200045 | 1.000      | Ea   |

|      |                                                                 |         |           |     |
|------|-----------------------------------------------------------------|---------|-----------|-----|
| 1540 | Pushbutton and Sign                                             | 8200121 | 2.000     | Ea  |
| 1550 | Serv Disconnect                                                 | 8200135 | 1.000     | Ea  |
| 1560 | TS, One Way Span Wire Mtd (LED)                                 | 8200313 | 5.000     | Ea  |
| 1570 | TS, One Way Span Wire Mtd, Five Sect (LED)                      | 8200315 | 1.000     | Ea  |
| 1580 | TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown         | 8200336 | 2.000     | Ea  |
| 1590 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown         | 8200339 | 1.000     | Ea  |
| 1600 | Hemispherical Video Detection Camera                            | 8200444 | 1.000     | Ea  |
| 1610 | Hemispherical Video Detection System                            | 8200445 | 1.000     | Ea  |
| 1620 | Strain Pole, Steel, 6 bolt, 30 foot                             | 8200460 | 2.000     | Ea  |
| 1630 | Strain Pole, Steel, 6 bolt, 36 foot                             | 8200461 | 1.000     | Ea  |
| 1640 | Strain Pole Fdn, 6 Bolt                                         | 8200470 | 42.000    | Ft  |
| 1650 | Casing                                                          | 8200480 | 32.000    | Ft  |
| 1660 | _ Bracket Arm, 15 foot, RCOC                                    | 8207050 | 1.000     | Ea  |
| 1670 | _ Bracket Arm, 18 foot, RCOC                                    | 8207050 | 1.000     | Ea  |
| 1680 | _ Cabinet, ITS Type, Delivered, RCOC                            | 8207050 | 1.000     | Ea  |
| 1690 | _ Cabinet, ITS Type, RCOC                                       | 8207050 | 1.000     | Ea  |
| 1700 | _ Camera, Traffic Monitoring, RCOC                              | 8207050 | 1.000     | Ea  |
| 1710 | _ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC | 8207050 | 1.000     | Ea  |
| 1720 | _ Controller, Digital Type, Delivered, RCOC                     | 8207050 | 1.000     | Ea  |
| 1730 | _ Pushbutton Support Post, RCOC                                 | 8207050 | 2.000     | Ea  |
| 1740 | _ Span Wire, Box, RCOC                                          | 8207050 | 1.000     | Ea  |
| 1750 | _ Street Name Sign, Bracket Arm, RCOC                           | 8207050 | 2.000     | Ea  |
| 1760 | _ Street Name Sign, One Way, 8 foot, Non-Illuminated, RCOC      | 8207050 | 1.000     | Ea  |
| 1770 | _ Street Name Sign, Two Way, 8 foot, Non-Illuminated, RCOC      | 8207050 | 1.000     | Ea  |
| 1780 | _ Tether Wire, Box, RCOC                                        | 8207050 | 1.000     | Ea  |
| 1790 | Monument Box Adjust                                             | 8210005 | 1.000     | Ea  |
| 1800 | _ Sinusoidal Corrugations, Milled, HMA Centerline, RCOC         | 8227001 | 4,282.000 | Ft  |
| 1810 | Flowable Fill, Non-Structural                                   | 8260148 | 200.000   | Cyd |
| 1820 | _ Sprinkler Line                                                | 8507001 | 2,000.000 | Ft  |
| 1830 | _ Irrigation Control Box, Relocate                              | 8507050 | 20.000    | Ea  |
| 1840 | _ Irrigation Control Box, Replace                               | 8507050 | 15.000    | Ea  |
| 1850 | _ Sprinkler Head, Relocate                                      | 8507050 | 100.000   | Ea  |
| 1860 | _ Sprinkler Head, Replace                                       | 8507050 | 100.000   | Ea  |
| 1870 | _ Reimbursed Permit Fees                                        | 8507060 | 2,000.000 | Dlr |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 005

**Letting Date:** August 7, 2020

**Contract ID:** 82000-205826

**Description:** Bridge deck replacement, substructure repairs, cleaning and coating of superstructure, sewer, drainage, guardrail, approach work and pavement markings on Huron River Drive over the Huron River, Wayne County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205826A        | 20A0790                | N/A                 | STU 82000       |

### List of Items by Section

| Line Num          | Item Description                                          | Item ID | Quantity  | Units |
|-------------------|-----------------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                           |         |           |       |
| 0010              | Mobilization, Max \$212,600.00                            | 1500001 | 1.000     | LSUM  |
| 0020              | Dr Structure, Rem                                         | 2030011 | 1.000     | Ea    |
| 0030              | Sewer, Rem, Less than 24 inch                             | 2030015 | 64.000    | Ft    |
| 0040              | Guardrail, Rem                                            | 2040035 | 790.000   | Ft    |
| 0050              | Pavt, Rem                                                 | 2040050 | 2,597.000 | Syd   |
| 0060              | _ Misc Pavt, Rem, Patching                                | 2047011 | 212.000   | Syd   |
| 0070              | _ Misc Obstruction, Rem                                   | 2047021 | 46.000    | Cyd   |
| 0080              | Excavation, Earth                                         | 2050016 | 561.000   | Cyd   |
| 0090              | _ Embankment, CIP, Modified                               | 2057021 | 167.000   | Cyd   |
| 0100              | Erosion Control, Inlet Protection, Fabric Drop            | 2080020 | 6.000     | Ea    |
| 0110              | Erosion Control, Maintenance, Sediment Removal            | 2080026 | 5.000     | Cyd   |
| 0120              | Erosion Control, Silt Fence                               | 2080036 | 1,300.000 | Ft    |
| 0130              | Project Cleanup                                           | 2090001 | 1.000     | LSUM  |
| 0140              | _ Aggregate Base, 12 inch, Modified                       | 3027011 | 3,591.000 | Syd   |
| 0150              | _ Aggregate Base, 9 inch, Modified                        | 3027011 | 187.000   | Syd   |
| 0160              | _ Shoulder, CI I, 6 inch, Modified                        | 3077011 | 46.000    | Syd   |
| 0170              | Geotextile, Stabilization                                 | 3080010 | 3,186.000 | Syd   |
| 0180              | Sewer, CI A, 12 inch, Tr Det B                            | 4020033 | 54.000    | Ft    |
| 0190              | Sewer, CI E, 12 inch, Tr Det B                            | 4020600 | 10.000    | Ft    |
| 0200              | Dr Structure Cover, Type B                                | 4030010 | 4.000     | Ea    |
| 0210              | Dr Structure Lead, Cleaning, 8 inch                       | 4030108 | 130.000   | Ft    |
| 0220              | Dr Structure, 24 inch dia                                 | 4030200 | 1.000     | Ea    |
| 0230              | Dr Structure, 60 inch dia                                 | 4030220 | 1.000     | Ea    |
| 0240              | Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot | 4030260 | 7.000     | Ft    |
| 0250              | Dr Structure, Add Depth of 60 inch dia, more than 15 foot | 4030261 | 3.000     | Ft    |
| 0260              | Dr Structure, Cleaning                                    | 4030290 | 9.000     | Ea    |

|      |                                                                  |         |           |     |
|------|------------------------------------------------------------------|---------|-----------|-----|
| 0270 | Dr Structure, Tap, 8 inch                                        | 4030308 | 1.000     | Ea  |
| 0280 | Dr Structure, Tap, 12 inch                                       | 4030312 | 1.000     | Ea  |
| 0290 | _ Misc Structure Reconstruct                                     | 4037001 | 26.000    | Ft  |
| 0300 | _ Misc Inlet A, Cover S                                          | 4037050 | 2.000     | Ea  |
| 0310 | _ Misc San Structure Cover, Adj                                  | 4037050 | 1.000     | Ea  |
| 0320 | _ Misc Structure Cover, Adj                                      | 4037050 | 2.000     | Ea  |
| 0330 | _ Misc Structure Cover, Adj, Furn Cover S                        | 4037050 | 4.000     | Ea  |
| 0340 | Underdrain Outlet, 6 inch                                        | 4040093 | 28.000    | Ft  |
| 0350 | Underdrain, Outlet Ending, 6 inch                                | 4040113 | 4.000     | Ea  |
| 0360 | _ Misc Underdrain Trench Lining                                  | 4047001 | 1,203.000 | Ft  |
| 0370 | _ Misc Underdrain, Subgrade, Shallow, 6 inch                     | 4047001 | 1,266.000 | Ft  |
| 0380 | Cold Milling HMA Surface                                         | 5010002 | 6,071.000 | Syd |
| 0390 | HMA Surface, Rem                                                 | 5010005 | 2,516.000 | Syd |
| 0400 | Pavt for Butt Joints, Rem                                        | 5010008 | 56.000    | Syd |
| 0410 | _ Misc Bit Mixture for Patching, Temp                            | 5017031 | 10.000    | Ton |
| 0420 | _ Misc Conditioning Existing Pavement                            | 5017031 | 93.000    | Ton |
| 0430 | _ Misc HMA, 3E10                                                 | 5017031 | 374.000   | Ton |
| 0440 | _ Misc HMA, 4E10                                                 | 5017031 | 1,009.000 | Ton |
| 0450 | _ Misc HMA, 5E10                                                 | 5017031 | 740.000   | Ton |
| 0460 | _ Misc HMA, Hand Patching                                        | 5017031 | 57.000    | Ton |
| 0470 | _ Misc HMA, Wedge                                                | 5017031 | 30.000    | Ton |
| 0480 | Joint, Contraction, Cp                                           | 6020200 | 85.000    | Ft  |
| 0490 | Joint, Expansion, E2                                             | 6020207 | 13.000    | Ft  |
| 0500 | _ Misc Pavt Repr, Nonreinf Conc, Patching                        | 6037011 | 212.000   | Syd |
| 0510 | Curb and Gutter, Conc, Det F4                                    | 8020038 | 964.000   | Ft  |
| 0520 | _ Misc Conc Curb Cap                                             | 8027001 | 115.000   | Ft  |
| 0530 | _ Misc Conc Curb Cap, Patching                                   | 8027001 | 135.000   | Ft  |
| 0540 | Guardrail, Type MGS-8                                            | 8070004 | 988.000   | Ft  |
| 0550 | Guardrail Approach Terminal, Type 2M                             | 8070044 | 4.000     | Ea  |
| 0560 | Guardrail Reflector                                              | 8070080 | 26.000    | Ea  |
| 0570 | Guardrail Anch, Bridge, Det M4                                   | 8070133 | 4.000     | Ea  |
| 0580 | _ Misc Field Office                                              | 8097043 | 11.000    | Mo  |
| 0590 | _ Misc Sign, Type B, Perm                                        | 8107010 | 183.000   | Sft |
| 0600 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 50.000    | Ft  |
| 0610 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 100.000   | Ft  |
| 0620 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 4,000.000 | Ft  |
| 0630 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 2,300.000 | Ft  |
| 0640 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 5.000     | Ea  |
| 0650 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 5.000     | Ea  |
| 0660 | Barricade, Type III, High Intensity, Lighted, Furn               | 8120022 | 22.000    | Ea  |
| 0670 | Barricade, Type III, High Intensity, Lighted, Oper               | 8120023 | 22.000    | Ea  |
| 0680 | Conc Barrier, Temp, Furn                                         | 8120081 | 130.000   | Ft  |
| 0690 | Conc Barrier, Temp, Oper                                         | 8120082 | 130.000   | Ft  |

|      |                                                                |         |           |      |
|------|----------------------------------------------------------------|---------|-----------|------|
| 0700 | Lighted Arrow, Type C, Furn                                    | 8120140 | 2.000     | Ea   |
| 0710 | Lighted Arrow, Type C, Oper                                    | 8120141 | 2.000     | Ea   |
| 0720 | Minor Traf Devices                                             | 8120170 | 1.000     | LSUM |
| 0730 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                   | 8120210 | 250.000   | Ft   |
| 0740 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp   | 8120245 | 50.000    | Ft   |
| 0750 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp  | 8120246 | 350.000   | Ft   |
| 0760 | Plastic Drum, High Intensity, Furn                             | 8120250 | 80.000    | Ea   |
| 0770 | Plastic Drum, High Intensity, Oper                             | 8120251 | 80.000    | Ea   |
| 0780 | Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp  | 8120263 | 50.000    | Ft   |
| 0790 | Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp | 8120264 | 350.000   | Ft   |
| 0800 | Sign Cover                                                     | 8120310 | 1.000     | Ea   |
| 0810 | Sign, Portable, Changeable Message, Furn                       | 8120330 | 2.000     | Ea   |
| 0820 | Sign, Portable, Changeable Message, Oper                       | 8120331 | 2.000     | Ea   |
| 0830 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn      | 8120332 | 2.000     | Ea   |
| 0840 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper      | 8120333 | 2.000     | Ea   |
| 0850 | Sign, Type B, Temp, Prismatic, Furn                            | 8120350 | 1,200.000 | Sft  |
| 0860 | Sign, Type B, Temp, Prismatic, Oper                            | 8120351 | 1,200.000 | Sft  |
| 0870 | Sign, Type B, Temp, Prismatic, Spec, Furn                      | 8120352 | 603.000   | Sft  |
| 0880 | Sign, Type B, Temp, Prismatic, Spec, Oper                      | 8120353 | 603.000   | Sft  |
| 0890 | Traf Regulator Control                                         | 8120370 | 1.000     | LSUM |
| 0900 | Mulch Blanket, High Velocity                                   | 8160028 | 200.000   | Syd  |
| 0910 | Topsoil Surface, Furn, 2 inch                                  | 8160060 | 1,791.000 | Syd  |
| 0920 | Water, Sodding/Seeding                                         | 8160090 | 97.000    | Unit |
| 0930 | _ Sodding, Modified                                            | 8167011 | 1,791.000 | Syd  |
| 0940 | Monument Box                                                   | 8210001 | 2.000     | Ea   |
| 0950 | Monument Box Adjust                                            | 8210005 | 2.000     | Ea   |
| 0960 | Monument Preservation                                          | 8210010 | 2.000     | Ea   |
| 0970 | Protect Corners                                                | 8210020 | 2.000     | Ea   |
| 0980 | Staking Plan Errors and Extras, One Person                     | 8240020 | 4.000     | Hr   |
| 0990 | Staking Plan Errors and Extras, Two Person                     | 8240021 | 4.000     | Hr   |
| 1000 | Staking Plan Errors and Extras, Three Person                   | 8240022 | 4.000     | Hr   |
| 1010 | _ Contractor Staking, Modified                                 | 8247051 | 1.000     | LSUM |
| 1020 | _ Misc Audio-Video Rte Survey                                  | 8507051 | 1.000     | LSUM |

**Section: 2**

|      |                                     |         |         |      |
|------|-------------------------------------|---------|---------|------|
| 1030 | Structures, Rem Portions (SN 12032) | 2040061 | 1.000   | LSUM |
| 1040 | Backfill, Structure, CIP            | 2060002 | 185.000 | Cyd  |
| 1050 | Excavation, Fdn                     | 2060010 | 360.000 | Cyd  |
| 1060 | Dr Structure, Tap, 4 inch           | 4030304 | 2.000   | Ea   |
| 1070 | Underdrain, Fdn, 4 inch             | 4040031 | 184.000 | Ft   |
| 1080 | Underdrain, Fdn, 8 inch             | 4040035 | 60.000  | Ft   |

|      |                                                                       |         |            |      |
|------|-----------------------------------------------------------------------|---------|------------|------|
| 1090 | Underdrain Outlet, 8 inch                                             | 4040095 | 20.000     | Ft   |
| 1100 | Underdrain, Outlet Ending, 8 inch                                     | 4040115 | 1.000      | Ea   |
| 1110 | Bridge Ltg, Furn and Rem (SN 12032)                                   | 7060001 | 1.000      | LSUM |
| 1120 | Bridge Ltg, Oper and Maintain                                         | 7060002 | 352.000    | Cyd  |
| 1130 | Conc, Low Temperature Protection                                      | 7060020 | 433.000    | Cyd  |
| 1140 | Elec Grounding System                                                 | 7060040 | 1.000      | Ea   |
| 1150 | Expansion Joint Device                                                | 7060050 | 89.000     | Ft   |
| 1160 | Expansion Joint Device, Cover Plate                                   | 7060051 | 16.000     | Ft   |
| 1170 | False Decking                                                         | 7060060 | 16,850.000 | Sft  |
| 1180 | Reinforcement, Steel, Epoxy Coated                                    | 7060092 | 97,407.000 | Lb   |
| 1190 | Substructure Conc                                                     | 7060100 | 37.000     | Cyd  |
| 1200 | Superstructure Conc                                                   | 7060110 | 44.000     | Cyd  |
| 1210 | Superstructure Conc, Form, Finish, and Cure (SN 12032)                | 7060111 | 1.000      | LSUM |
| 1220 | Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 12032) | 7060112 | 1.000      | LSUM |
| 1230 | Superstructure Conc, Night Casting                                    | 7060113 | 352.000    | Cyd  |
| 1240 | Bearing, Elastomeric, 3 1/2 inch                                      | 7070022 | 2,304.000  | Sin  |
| 1250 | Shear Developers                                                      | 7070040 | 1.000      | LSUM |
| 1260 | Joint Waterproofing                                                   | 7100001 | 199.000    | Sft  |
| 1270 | Conc Surface Coating (SN 12032)                                       | 7100010 | 1.000      | LSUM |
| 1280 | Bridge Railing, Aesthetic Parapet Tube                                | 7110005 | 243.000    | Ft   |
| 1290 | _ Bridge Railing, Aesthetic Parapet Tube, Modified                    | 7117001 | 244.000    | Ft   |
| 1300 | Hand Chipping, Other Than Deck                                        | 7120007 | 195.000    | Cft  |
| 1310 | Patch, Forming                                                        | 7120017 | 390.000    | Sft  |
| 1320 | Adhesive Anchoring of Horizontal Bar, 1/2 inch                        | 7120030 | 32.000     | Ea   |
| 1330 | Adhesive Anchoring of Vertical Bar, 5/8 inch                          | 7120033 | 96.000     | Ea   |
| 1340 | Adhesive Anchoring of Vertical Bar, 3/4 inch                          | 7120034 | 130.000    | Ea   |
| 1350 | Adhesive Anchoring of Vertical Bar, 1 inch                            | 7120038 | 27.000     | Ea   |
| 1360 | Patching Conc, C-L                                                    | 7120112 | 14.000     | Cyd  |
| 1370 | Embedded Galvanic Anode                                               | 7120120 | 188.000    | Ea   |
| 1380 | Beam Plate, Seal Perimeter                                            | 7130010 | 450.000    | Ft   |
| 1390 | Heat Straightening Steel                                              | 7130040 | 1.000      | LSUM |
| 1400 | Structural Steel, Retrofit, Furn, Fab, and Erect                      | 7130071 | 4,540.000  | Lb   |
| 1410 | Support, Column, Temp                                                 | 7130080 | 10.000     | Ea   |
| 1420 | Steel Structure, Cleaning, Type 4 (SN 12032)                          | 7150045 | 1.000      | LSUM |
| 1430 | Steel Structure, Coating, Type 4 (SN 12032)                           | 7150046 | 1.000      | LSUM |
| 1440 | Field Repair of Damaged Coating (SN 12032)                            | 7160001 | 1.000      | LSUM |
| 1450 | Fence, Structure                                                      | 8080110 | 978.000    | Sft  |
| 1460 | Slope Paving, Conc                                                    | 8130020 | 62.000     | Syd  |
| 1470 | _ Riprap, Plain, Modified                                             | 8137011 | 20.000     | Syd  |
| 1480 | _ Misc Monument, Prec Bench Mrk                                       | 8217050 | 1.000      | Ea   |



7/1/2020 10:02 AM

AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 006**Letting Date:** August 7, 2020**Contract ID:** 25000-207632

**Description:** 6.94 mi of hot mix asphalt cold milling and resurfacing, and pavement markings on Mount Morris Road from Dort Highway (M-54) to Irish Road and Hill Road from Torrey Road to Van Slyke Road, Genesee County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207632A        | 20A0840                | N/A                 | STU 25000       |
| 207662A        | 20A0842                | N/A                 | STU 25000       |

**List of Items by Section**

| Line Num          | Item Description                                                 | Item ID | Quantity   | Units |
|-------------------|------------------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                                  |         |            |       |
| 0010              | Mobilization, Max \$157,300.00                                   | 1500001 | 1.000      | LSUM  |
| 0020              | Erosion Control, Inlet Protection, Fabric Drop                   | 2080020 | 25.000     | Ea    |
| 0030              | Erosion Control, Silt Fence                                      | 2080036 | 100.000    | Ft    |
| 0040              | _ Shoulder, CI II, Modified                                      | 3077031 | 6,089.000  | Ton   |
| 0050              | Dr Structure Cover, Adj, Case 1                                  | 4030005 | 4.000      | Ea    |
| 0060              | Cold Milling HMA Surface                                         | 5010002 | 59,405.000 | Syd   |
| 0070              | Pavt for Butt Joints, Rem                                        | 5010008 | 2,763.000  | Syd   |
| 0080              | Hand Patching                                                    | 5010025 | 100.000    | Ton   |
| 0090              | HMA, 4C                                                          | 5010032 | 8,720.000  | Ton   |
| 0100              | HMA, 5E10                                                        | 5010058 | 2,904.000  | Ton   |
| 0110              | Post, Mailbox                                                    | 8070095 | 5.000      | Ea    |
| 0120              | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 1,300.000  | Ft    |
| 0130              | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 67,500.000 | Ft    |
| 0140              | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 83,000.000 | Ft    |
| 0150              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000      | Ea    |
| 0160              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 4.000      | Ea    |
| 0170              | Lighted Arrow, Type C, Furn                                      | 8120140 | 4.000      | Ea    |
| 0180              | Lighted Arrow, Type C, Oper                                      | 8120141 | 4.000      | Ea    |
| 0190              | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM  |
| 0200              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 2,000.000  | Ft    |
| 0210              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 12,000.000 | Ft    |
| 0220              | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 2,000.000  | Ea    |
| 0230              | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 2,000.000  | Ea    |
| 0240              | Sign Cover                                                       | 8120310 | 60.000     | Ea    |

|      |                                               |         |           |      |
|------|-----------------------------------------------|---------|-----------|------|
| 0250 | Sign, Type B, Temp, Prismatic, Furn           | 8120350 | 400.000   | Sft  |
| 0260 | Sign, Type B, Temp, Prismatic, Oper           | 8120351 | 400.000   | Sft  |
| 0270 | Traf Regulator Control                        | 8120370 | 1.000     | LSUM |
| 0280 | _ Turf Establishment, Performance             | 8167011 | 100.000   | Syd  |
| 0290 | Monument Box Adjust                           | 8210005 | 1.000     | Ea   |
| 0300 | _ Protect Corners, Special                    | 8217050 | 8.000     | Ea   |
| 0310 | _ Witness, Log, \$1,000.00, (Hill Road)       | 8507060 | 1,000.000 | Dlr  |
| 0320 | _ Witness, Log, \$6,000.00, (Mt. Morris Road) | 8507060 | 6,000.000 | Dlr  |

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7/1/2020 10:02 AM

AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 007**Letting Date:** August 7, 2020**Contract ID:** 29000-207411**Description:** 0.76 mi of guardrail installation on South Street at various locations, Gratiot County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207411A        | 20A0786                | N/A                 | HSIP 29000      |

**List of Items by Section**

| Line Num          | Item Description                       | Item ID | Quantity  | Units |
|-------------------|----------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                        |         |           |       |
| 0010              | Mobilization, Max \$13,900.00          | 1500001 | 1.000     | LSUM  |
| 0020              | Guardrail, Rem                         | 2040035 | 1,955.000 | Ft    |
| 0030              | Guardrail, Type MGS-8                  | 8070004 | 4,028.000 | Ft    |
| 0040              | Guardrail, Curved, Type MGS-8          | 8070012 | 25.000    | Ft    |
| 0050              | Guardrail Approach Terminal, Type 2M   | 8070044 | 19.000    | Ea    |
| 0060              | Guardrail Departing Terminal, Type MGS | 8070052 | 1.000     | Ea    |
| 0070              | Guardrail Reflector                    | 8070080 | 168.000   | Ea    |
| 0080              | Channelizing Device, 42 inch, Furn     | 8120030 | 50.000    | Ea    |
| 0090              | Channelizing Device, 42 inch, Oper     | 8120031 | 50.000    | Ea    |
| 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              | Sign, Type B, Temp, Prismatic, Furn    | 8120350 | 216.000   | Sft   |
| 0140              | Sign, Type B, Temp, Prismatic, Oper    | 8120351 | 216.000   | Sft   |
| 0150              | Traf Regulator Control                 | 8120370 | 1.000     | LSUM  |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 008**Letting Date:** August 7, 2020**Contract ID:** 63000-207439**Description:** Install signal backplates with retroreflective border at 85 intersections, Oakland County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207439A        | 20A0801                | N/A                 | HSIP 63000      |

**List of Items by Section**

| Line Num          | Item Description                                  | Item ID | Quantity | Units |
|-------------------|---------------------------------------------------|---------|----------|-------|
| <b>Section: 1</b> |                                                   |         |          |       |
| 0010              | Mobilization, Max \$30,200.00                     | 1500001 | 1.000    | LSUM  |
| 0020              | Channelizing Device, 42 inch, Fluorescent, Furn   | 8120035 | 50.000   | Ea    |
| 0030              | Channelizing Device, 42 inch, Fluorescent, Oper   | 8120036 | 50.000   | Ea    |
| 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              | Sign, Type B, Temp, Prismatic, Furn               | 8120350 | 208.000  | Sft   |
| 0080              | Sign, Type B, Temp, Prismatic, Oper               | 8120351 | 208.000  | Sft   |
| 0090              | Traf Regulator Control                            | 8120370 | 1.000    | LSUM  |
| 0100              | _ Backplate, Retrofit, 1 Section, RCOC            | 8207050 | 4.000    | Ea    |
| 0110              | _ Backplate, Retrofit, 3 Section, RCOC            | 8207050 | 661.000  | Ea    |
| 0120              | _ Backplate, Retrofit, 4 Section, RCOC            | 8207050 | 25.000   | Ea    |
| 0130              | _ Backplate, Retrofit, 5 Section (doghouse), RCOC | 8207050 | 13.000   | Ea    |
| 0140              | _ Backplate, Retrofit, HAWK, RCOC                 | 8207050 | 8.000    | Ea    |
| 0150              | _ Backplate, TS, Rem, RCOC                        | 8207050 | 333.000  | Ea    |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 009

**Letting Date:** August 7, 2020

**Contract ID:** 19000-203619

**Description:** 1.74 mi of hot mix asphalt crush, shape and resurface, shared use path, concrete curb and gutter, storm sewer and pavement markings on Scott Road from Sturgis Road to State Road in the city of St. Johns, Clinton County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203619A        | 20A0806                | N/A                 | CM 19000        |
| 208128A        | 20A0743                | N/A                 | STUL 19000      |

### List of Items by Section

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                |         |           |       |
| 0010              | Mobilization, Max \$107,400.00                 | 1500001 | 1.000     | LSUM  |
| 0020              | Stump, Rem, 19 inch to 36 inch                 | 2020006 | 5.000     | Ea    |
| 0030              | Stump, Rem, 6 inch to 18 inch                  | 2020008 | 6.000     | Ea    |
| 0040              | Culv, Rem, Less than 24 inch                   | 2030001 | 3.000     | Ea    |
| 0050              | Dr Structure, Rem                              | 2030011 | 6.000     | Ea    |
| 0060              | Sewer, Rem, Less than 24 inch                  | 2030015 | 582.000   | Ft    |
| 0070              | Curb and Gutter, Rem                           | 2040020 | 1,079.000 | Ft    |
| 0080              | Fence, Rem                                     | 2040025 | 12.000    | Ft    |
| 0090              | Pavt, Rem                                      | 2040050 | 1,196.000 | Syd   |
| 0100              | Sidewalk, Rem                                  | 2040055 | 75.000    | Syd   |
| 0110              | Exploratory Investigation, Vertical            | 2040080 | 210.000   | Ft    |
| 0120              | Subgrade Undercutting, Type II                 | 2050041 | 325.000   | Cyd   |
| 0130              | _ Machine Grading, Modified                    | 2057002 | 43.000    | Sta   |
| 0140              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 36.000    | Ea    |
| 0150              | Erosion Control, Silt Fence                    | 2080036 | 7,000.000 | Ft    |
| 0160              | Subbase, CIP                                   | 3010002 | 1,880.000 | Cyd   |
| 0170              | Aggregate Base                                 | 3020001 | 300.000   | Ton   |
| 0180              | Aggregate Base, 8 inch                         | 3020020 | 3,240.000 | Syd   |
| 0190              | HMA Base Crushing and Shaping                  | 3050002 | 5,014.000 | Syd   |
| 0200              | Maintenance Gravel                             | 3060020 | 150.000   | Ton   |
| 0210              | Approach, CI I, 6 inch                         | 3070008 | 885.000   | Syd   |
| 0220              | Culv, CI A, 12 inch                            | 4010131 | 30.000    | Ft    |
| 0230              | Culv, CI A, 24 inch                            | 4010134 | 60.000    | Ft    |
| 0240              | Sewer, CI IV, 12 inch, Tr Det B                | 4020987 | 20.000    | Ft    |
| 0250              | Video Taping Sewer and Culv Pipe               | 4021275 | 1,438.000 | Ft    |
| 0260              | _ Sewer, CI A, 12 inch, Tr Det B, Modified     | 4027001 | 1,338.000 | Ft    |

|      |                                                    |         |            |      |
|------|----------------------------------------------------|---------|------------|------|
| 0270 | Dr Structure Cover, Adj, Case 1                    | 4030005 | 5.000      | Ea   |
| 0280 | Dr Structure Cover, Adj, Case 2                    | 4030006 | 16.000     | Ea   |
| 0290 | Dr Structure Cover, Type B                         | 4030010 | 3.000      | Ea   |
| 0300 | Dr Structure Cover, Type E                         | 4030035 | 3.000      | Ea   |
| 0310 | Dr Structure Cover, Type K                         | 4030050 | 2.000      | Ea   |
| 0320 | Dr Structure, 24 inch dia                          | 4030200 | 5.000      | Ea   |
| 0330 | Dr Structure, 48 inch dia                          | 4030210 | 11.000     | Ea   |
| 0340 | Dr Structure, 60 inch dia                          | 4030220 | 1.000      | Ea   |
| 0350 | Dr Structure, Adj, Add Depth                       | 4030280 | 25.000     | Ft   |
| 0360 | Dr Structure, Tap, 12 inch                         | 4030312 | 2.000      | Ea   |
| 0370 | _ Sanitary Structure Cover, Adj, Add Depth         | 4037001 | 15.000     | Ft   |
| 0380 | _ Dr Structure Cover, Modified                     | 4037050 | 13.000     | Ea   |
| 0390 | _ Sanitary Structure Cover, Adj, Case 1            | 4037050 | 16.000     | Ea   |
| 0400 | _ Sanitary Structure Cover, Adj, Case 2            | 4037050 | 1.000      | Ea   |
| 0410 | Underdrain, Subbase, 4 inch                        | 4040061 | 7,742.000  | Ft   |
| 0420 | HMA Surface, Rem                                   | 5010005 | 1,787.000  | Syd  |
| 0430 | Hand Patching                                      | 5010025 | 40.000     | Ton  |
| 0440 | HMA, 13A                                           | 5010033 | 1,145.000  | Ton  |
| 0450 | HMA, 4E1                                           | 5010050 | 545.000    | Ton  |
| 0460 | HMA Approach                                       | 5010061 | 173.000    | Ton  |
| 0470 | Cement                                             | 6030005 | 18.000     | Ton  |
| 0480 | Driveway, Nonreinf Conc, 6 inch                    | 8010005 | 378.000    | Syd  |
| 0490 | Curb and Gutter, Conc, Det F4                      | 8020038 | 720.000    | Ft   |
| 0500 | Detectable Warning Surface                         | 8030010 | 166.000    | Ft   |
| 0510 | Curb Ramp Opening, Conc                            | 8030030 | 111.000    | Ft   |
| 0520 | Sidewalk Ramp, Conc, 6 inch                        | 8030036 | 1,935.000  | Sft  |
| 0530 | Sidewalk, Conc, 4 inch                             | 8030044 | 44,285.000 | Sft  |
| 0540 | Sidewalk, Conc, 6 inch                             | 8030046 | 3,150.000  | Sft  |
| 0550 | Shared use Path, Grading                           | 8060030 | 4,823.000  | Ft   |
| 0560 | Post, Mailbox                                      | 8070095 | 18.000     | Ea   |
| 0570 | Post, Steel, 3 lb                                  | 8100371 | 480.000    | Ft   |
| 0580 | Sign, Type III, Erect, Salv                        | 8100402 | 26.000     | Ea   |
| 0590 | Sign, Type III, Rem                                | 8100403 | 26.000     | Ea   |
| 0600 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk   | 8110041 | 230.000    | Ft   |
| 0610 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar    | 8110045 | 52.000     | Ft   |
| 0620 | Pavt Mrkg, Waterborne, 4 inch, White               | 8110231 | 120.000    | Ft   |
| 0630 | Pavt Mrkg, Waterborne, 4 inch, Yellow              | 8110232 | 2,781.000  | Ft   |
| 0640 | Pavt Mrkg, Waterborne, 6 inch, White               | 8110233 | 8,266.000  | Ft   |
| 0650 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 12.000     | Ea   |
| 0660 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 12.000     | Ea   |
| 0670 | Dust Palliative, Applied                           | 8120100 | 15.000     | Ton  |
| 0680 | Minor Traf Devices                                 | 8120170 | 1.000      | LSUM |
| 0690 | Plastic Drum, High Intensity, Lighted, Furn        | 8120260 | 400.000    | Ea   |
| 0700 | Plastic Drum, High Intensity, Lighted, Oper        | 8120261 | 400.000    | Ea   |
| 0710 | Sign, Type B, Temp, Prismatic, Furn                | 8120350 | 854.000    | Sft  |

|      |                                     |         |            |      |
|------|-------------------------------------|---------|------------|------|
| 0720 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 854.000    | Sft  |
| 0730 | Traf Regulator Control              | 8120370 | 1.000      | LSUM |
| 0740 | _ Slope Restoration, Modified       | 8167011 | 15,050.000 | Syd  |
| 0750 | Monument Box                        | 8210001 | 2.000      | Ea   |
| 0760 | Monument Preservation               | 8210010 | 2.000      | Ea   |
| 0770 | Gate Box, Adj, Case 2               | 8230432 | 1.000      | Ea   |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 010**Letting Date:** August 7, 2020**Contract ID:** 24000-205413

**Description:** 1.82 mi of hot mix asphalt cold milling and resurfacing, culvert replacement, guardrail and slope restoration on Pickeral Lake Road from US-31 to Bellmer Road, Emmet County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205413A        | 20A0821                | N/A                 | HIPS 24000      |

**List of Items by Section**

| Line Num          | Item Description                      | Item ID | Quantity   | Units |
|-------------------|---------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                       |         |            |       |
| 0010              | Mobilization, Max \$45,000.00         | 1500001 | 1.000      | LSUM  |
| 0020              | Culv, Rem, Less than 24 inch          | 2030001 | 1.000      | Ea    |
| 0030              | Guardrail, Rem                        | 2040035 | 20.000     | Ft    |
| 0040              | Embankment, LM                        | 2050011 | 40.000     | Cyd   |
| 0050              | Erosion Control, Silt Fence           | 2080036 | 60.000     | Ft    |
| 0060              | Aggregate Base, 6 inch                | 3020016 | 85.000     | Syd   |
| 0070              | Culv, CI A, 15 inch                   | 4010132 | 75.000     | Ft    |
| 0080              | Cold Milling HMA Surface              | 5010002 | 32,830.000 | Syd   |
| 0090              | HMA, 4E1                              | 5010050 | 2,710.000  | Ton   |
| 0100              | HMA, 5E1                              | 5010056 | 2,710.000  | Ton   |
| 0110              | Curb and Gutter, Conc, Det B2         | 8020016 | 313.000    | Ft    |
| 0120              | Guardrail, Curved, Type B             | 8070010 | 20.000     | Ft    |
| 0130              | Sign, Type III, Erect, Salv           | 8100402 | 2.000      | Ea    |
| 0140              | Pavt Mrkg, Waterborne, 4 inch, White  | 8110231 | 19,216.000 | Ft    |
| 0150              | Pavt Mrkg, Waterborne, 4 inch, Yellow | 8110232 | 11,815.000 | Ft    |
| 0160              | Channelizing Device, 42 inch, Furn    | 8120030 | 75.000     | Ea    |
| 0170              | Channelizing Device, 42 inch, Oper    | 8120031 | 75.000     | 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              | Sign, Type B, Temp, Prismatic, Furn   | 8120350 | 340.000    | Sft   |
| 0220              | Sign, Type B, Temp, Prismatic, Oper   | 8120351 | 340.000    | Sft   |
| 0230              | Traf Regulator Control                | 8120370 | 1.000      | LSUM  |
| 0240              | Riprap, Plain                         | 8130010 | 50.000     | Syd   |
| 0250              | Slope Restoration, Type A             | 8160100 | 500.000    | Syd   |
| 0260              | Monument Box Adjust                   | 8210005 | 4.000      | Ea    |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 011

**Letting Date:** August 7, 2020

**Contract ID:** 50000-206456

**Description:** 0.70 mi of full depth concrete pavement repairs, concrete curb, gutter and sidewalk ramps, earthwork and drainage on Dickinson Street from the Clinton River south to Avery Street in the city of Mount Clemens, Macomb County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206456A        | 20A0775                | N/A                 | STU 50000       |

### List of Items by Section

| Line Num          | Item Description                                | Item ID | Quantity   | Units |
|-------------------|-------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                 |         |            |       |
| 0010              | _ Reimbursed Permit Fees                        | 1077060 | 869.000    | Dlr   |
| 0020              | Mobilization, Max \$128,700.00                  | 1500001 | 1.000      | LSUM  |
| 0030              | Curb and Gutter, Rem                            | 2040020 | 1,200.000  | Ft    |
| 0040              | Pavt, Rem                                       | 2040050 | 50.000     | Syd   |
| 0050              | Sidewalk, Rem                                   | 2040055 | 900.000    | Syd   |
| 0060              | Embankment, CIP                                 | 2050010 | 50.000     | Cyd   |
| 0070              | Excavation, Earth                               | 2050016 | 75.000     | Cyd   |
| 0080              | Erosion Control, Inlet Protection, Fabric Drop  | 2080020 | 35.000     | Ea    |
| 0090              | _ Dr Structure, Reconstruct, Add Depth, Special | 4037001 | 60.000     | Ft    |
| 0100              | _ Adjust Sanitary Sewer Manhole, Special        | 4037050 | 11.000     | Ea    |
| 0110              | _ Dr Structure Cover, Adj, Case 1, Modified     | 4037050 | 42.000     | Ea    |
| 0120              | HMA Patch, Rem                                  | 5010006 | 555.000    | Syd   |
| 0130              | Joint, Contraction, Cp                          | 6020200 | 3,500.000  | Ft    |
| 0140              | Joint, Contraction, Crg                         | 6030020 | 5,100.000  | Ft    |
| 0150              | Lane Tie, Epoxy Anchored                        | 6030030 | 7,700.000  | Ea    |
| 0160              | Pavt Repr, Nonreinf Conc, 9 inch                | 6030046 | 11,070.000 | Syd   |
| 0170              | Pavt Repr, Rem                                  | 6030080 | 10,515.000 | Syd   |
| 0180              | Saw Cut, Intermediate                           | 6030090 | 1,500.000  | Ft    |
| 0190              | Driveway, Nonreinf Conc, 6 inch                 | 8010005 | 50.000     | Syd   |
| 0200              | Curb and Gutter, Conc, Det F2                   | 8020036 | 500.000    | Ft    |
| 0210              | Detectable Warning Surface                      | 8030010 | 190.000    | Ft    |
| 0220              | Curb Ramp Opening, Conc                         | 8030030 | 250.000    | Ft    |
| 0230              | Sidewalk Ramp, Conc, 4 inch                     | 8030034 | 4,750.000  | Sft   |
| 0240              | Sidewalk Ramp, Conc, 7 inch                     | 8030037 | 2,500.000  | Sft   |
| 0250              | Sidewalk, Conc, 4 inch                          | 8030044 | 500.000    | Sft   |
| 0260              | Sidewalk, Conc, 6 inch                          | 8030046 | 200.000    | Sft   |
| 0270              | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 775.000    | Ft    |

|      |                                                                  |         |           |      |
|------|------------------------------------------------------------------|---------|-----------|------|
| 0280 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk                 | 8110041 | 550.000   | Ft   |
| 0290 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 175.000   | Ft   |
| 0300 | Pavt Mrkg, Polyurea, 4 inch, Yellow                              | 8110092 | 850.000   | Ft   |
| 0310 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 25.000    | Ea   |
| 0320 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 25.000    | Ea   |
| 0330 | Pedestrian Type II Barricade, Temp                               | 8120026 | 10.000    | Ea   |
| 0340 | Minor Traf Devices                                               | 8120170 | 1.000     | LSUM |
| 0350 | Plastic Drum, High Intensity, Furn                               | 8120250 | 175.000   | Ea   |
| 0360 | Plastic Drum, High Intensity, Oper                               | 8120251 | 175.000   | Ea   |
| 0370 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 700.000   | Sft  |
| 0380 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 700.000   | Sft  |
| 0390 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 75.000    | Sft  |
| 0400 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 75.000    | Sft  |
| 0410 | _ Slope Restoration, Special                                     | 8167011 | 1,300.000 | Syd  |
| 0420 | _ Adjust Watermain Valve Manhole, Special                        | 8237050 | 6.000     | Ea   |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 012

**Letting Date:** August 7, 2020

**Contract ID:** 63000-208933-2

**Description:** 0.38 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, drainage, structure adjustments, signing and pavement markings on West Marshall Street from Woodward Avenue to Allen Road in the city of Ferndale, Oakland County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208933A        | 20A0158                | N/A                 | TAU 63000       |

### List of Items by Section

| Line Num          | Item Description                                 | Item ID | Quantity  | Units |
|-------------------|--------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                  |         |           |       |
| 0010              | Mobilization, Max \$78,900.00                    | 1500001 | 1.000     | LSUM  |
| 0020              | Stump, Rem, 19 inch to 36 inch                   | 2020006 | 3.000     | Ea    |
| 0030              | Stump, Rem, 6 inch to 18 inch                    | 2020008 | 1.000     | Ea    |
| 0040              | Sidewalk, Rem                                    | 2040055 | 300.000   | Syd   |
| 0050              | _ Curb and Gutter, Rem, Modified                 | 2047001 | 3,800.000 | Ft    |
| 0060              | _ Pavt, Rem, Modified                            | 2047011 | 575.000   | Syd   |
| 0070              | Embankment, CIP                                  | 2050010 | 200.000   | Cyd   |
| 0080              | Excavation, Earth                                | 2050016 | 10.000    | Cyd   |
| 0090              | _ Subgrade Undercutting, 1x3 CC, Modified        | 2057021 | 100.000   | Cyd   |
| 0100              | _ Subgrade Undercutting, 21AA, Modified          | 2057021 | 250.000   | Cyd   |
| 0110              | _ Erosion Control, WRC Inlet Filter, Modified    | 2087050 | 10.000    | Ea    |
| 0120              | Project Cleanup                                  | 2090001 | 1.000     | LSUM  |
| 0130              | _ Aggregate Base, 4 inch, Modified               | 3027011 | 2,150.000 | Syd   |
| 0140              | _ Aggregate Base, 6 inch, Modified               | 3027011 | 400.000   | Syd   |
| 0150              | _ Maintenance Gravel, LM, Modified               | 3067021 | 300.000   | Cyd   |
| 0160              | Geotextile, Separator                            | 3080005 | 650.000   | Syd   |
| 0170              | Geotextile, Stabilization                        | 3080010 | 250.000   | Syd   |
| 0180              | Dr Structure, Adj, Add Depth                     | 4030280 | 50.000    | Ft    |
| 0190              | Dr Structure, Tap, 6 inch                        | 4030306 | 1.000     | Ea    |
| 0200              | _ Dr Structure Cover, Adj, Case 1, Modified      | 4037050 | 17.000    | Ea    |
| 0210              | _ Dr Structure Cover, Adj, Case 1, WRC, Modified | 4037050 | 1.000     | Ea    |
| 0220              | _ Dr Structure Cover, Type B, Modified           | 4037050 | 5.000     | Ea    |
| 0230              | _ Dr Structure Cover, Type D, Modified           | 4037050 | 4.000     | Ea    |
| 0240              | _ Dr Structure Cover, Type G, Modified           | 4037050 | 3.000     | Ea    |
| 0250              | _ Dr Structure, Temp Lowering, Modified          | 4037050 | 9.000     | Ea    |
| 0260              | Underdrain, Subbase, 6 inch                      | 4040063 | 300.000   | Ft    |
| 0270              | Pavt, Cleaning                                   | 5010001 | 1.000     | LSUM  |

|      |                                                               |         |           |     |
|------|---------------------------------------------------------------|---------|-----------|-----|
| 0280 | Cold Milling HMA Surface                                      | 5010002 | 7,400.000 | Syd |
| 0290 | HMA Surface, Rem                                              | 5010005 | 170.000   | Syd |
| 0300 | Hand Patching                                                 | 5010025 | 50.000    | Ton |
| 0310 | HMA, 4E3                                                      | 5010051 | 850.000   | Ton |
| 0320 | HMA, 5E3                                                      | 5010057 | 625.000   | Ton |
| 0330 | HMA Approach                                                  | 5010061 | 35.000    | Ton |
| 0340 | _ Conc Base, Grade P1, Modified                               | 6027001 | 3,750.000 | Ft  |
| 0350 | Lane Tie, Epoxy Anchored                                      | 6030030 | 100.000   | Ea  |
| 0360 | Pavt Repr, Nonreinf Conc, 8 inch                              | 6030044 | 200.000   | Syd |
| 0370 | _ Pavt Repr, Rem, Modified                                    | 6037011 | 200.000   | Syd |
| 0380 | Driveway, Nonreinf Conc, 6 inch                               | 8010005 | 140.000   | Syd |
| 0390 | _ Driveway, Nonreinf Conc, 8 inch, Modified                   | 8017011 | 260.000   | Syd |
| 0400 | _ Conc Header, 8 inch                                         | 8027001 | 20.000    | Ft  |
| 0410 | _ Curb and Gutter, Conc, Det F2, Modified                     | 8027001 | 3,600.000 | Ft  |
| 0420 | _ Curb and Gutter, Conc, Det F4, Modified                     | 8027001 | 35.000    | Ft  |
| 0430 | _ Curb and Gutter, Conc, Det F6, Modified                     | 8027001 | 30.000    | Ft  |
| 0440 | Curb Ramp Opening, Conc                                       | 8030030 | 85.000    | Ft  |
| 0450 | Sidewalk Ramp, Conc, 4 inch                                   | 8030034 | 550.000   | Sft |
| 0460 | Sidewalk Ramp, Conc, 6 inch                                   | 8030036 | 540.000   | Sft |
| 0470 | Sidewalk, Conc, 4 inch                                        | 8030044 | 2,400.000 | Sft |
| 0480 | Sidewalk, Conc, 8 inch                                        | 8030048 | 440.000   | Sft |
| 0490 | Sidewalk, Clay Brick Pavers, Rem                              | 8030051 | 50.000    | Sft |
| 0500 | _ Detectable Warning Surface, Modified                        | 8037001 | 75.000    | Ft  |
| 0510 | Post, Steel, 3 lb                                             | 8100371 | 300.000   | Ft  |
| 0520 | Sign, Type III, Erect, Salv                                   | 8100402 | 6.000     | Ea  |
| 0530 | Sign, Type III, Rem                                           | 8100403 | 11.000    | Ea  |
| 0540 | Sign, Type IIIA                                               | 8100404 | 10.000    | Sft |
| 0550 | Sign, Type IIIB                                               | 8100405 | 160.000   | Sft |
| 0560 | _ Post, Flexible Delineator, Modified                         | 8107050 | 2.000     | Ea  |
| 0570 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk               | 8110024 | 275.000   | Ft  |
| 0580 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk              | 8110041 | 325.000   | Ft  |
| 0590 | Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar               | 8110044 | 20.000    | Ft  |
| 0600 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar               | 8110045 | 15.000    | Ft  |
| 0610 | Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike       | 8110049 | 13.000    | Ea  |
| 0620 | Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym                 | 8110058 | 15.000    | Ea  |
| 0630 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                        | 8110114 | 50.000    | Ft  |
| 0640 | Pavt Mrkg, Regular Dry, 4 inch, White                         | 8110125 | 1,550.000 | Ft  |
| 0650 | Pavt Mrkg, Regular Dry, 4 inch, Yellow                        | 8110126 | 3,600.000 | Ft  |
| 0660 | Pavt Mrkg, Regular Dry, 6 inch, White                         | 8110127 | 3,700.000 | Ft  |
| 0670 | Rem Spec Mrkg                                                 | 8110343 | 275.000   | Sft |
| 0680 | _ Pavt Mrkg, Ovly Cold Plastic, 6 inch, Cross Hatching, White | 8117001 | 80.000    | Ft  |
| 0690 | _ Pavt Mrkg, Regular Dry, 4 inch, Transv, White               | 8117001 | 615.000   | Ft  |
| 0700 | _ Pavt Mrkg, Regular Dry, 6 inch, Cross Hatching, White       | 8117001 | 200.000   | Ft  |

|      |                                                                  |         |           |      |
|------|------------------------------------------------------------------|---------|-----------|------|
| 0710 | _ Pavt Mrkg, Polymer Cement Surfacing, Green                     | 8117010 | 150.000   | Sft  |
| 0720 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 12.000    | Ea   |
| 0730 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 12.000    | Ea   |
| 0740 | Pedestrian Type II Barricade, Temp                               | 8120026 | 18.000    | Ea   |
| 0750 | Channelizing Device, 42 inch, Furn                               | 8120030 | 122.000   | Ea   |
| 0760 | Channelizing Device, 42 inch, Oper                               | 8120031 | 122.000   | Ea   |
| 0770 | Minor Traf Devices                                               | 8120170 | 1.000     | LSUM |
| 0780 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 250.000   | Ft   |
| 0790 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp   | 8120235 | 3,450.000 | Ft   |
| 0800 | Plastic Drum, High Intensity, Furn                               | 8120250 | 30.000    | Ea   |
| 0810 | Plastic Drum, High Intensity, Oper                               | 8120251 | 30.000    | Ea   |
| 0820 | Sign Cover                                                       | 8120310 | 5.000     | Ea   |
| 0830 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 335.000   | Sft  |
| 0840 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 335.000   | Sft  |
| 0850 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 70.000    | Sft  |
| 0860 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 70.000    | Sft  |
| 0870 | Traf Regulator Control                                           | 8120370 | 1.000     | LSUM |
| 0880 | _ Pavt Mrkg, Type NR, Paint, Thru Arrow Sym, Modified            | 8127050 | 6.000     | Ea   |
| 0890 | Site Preparation, Max \$4,200.00                                 | 8150001 | 1.000     | LSUM |
| 0900 | Watering and Cultivating, First Season, Min \$1,850.00           | 8150002 | 1.000     | LSUM |
| 0910 | Watering and Cultivating, Second Season, Min \$2,300.00          | 8150003 | 1.000     | LSUM |
| 0920 | Buddleia davidii Black Knight, 3 inch pot                        | 8150559 | 38.000    | Ea   |
| 0930 | Coreopsis grandiflora Baby Sun, 3 inch pot                       | 8150888 | 19.000    | Ea   |
| 0940 | Echinacea purpurea Kims Knee High, 3 inch pot                    | 8151275 | 12.000    | Ea   |
| 0950 | Gleditsia triacanthos inermis Skyline, 2 inch                    | 8151660 | 2.000     | Ea   |
| 0960 | Pennisetum alopecuroides Hameln, #2 cont.                        | 8152640 | 47.000    | Ea   |
| 0970 | Physocarpus opulifolius Nanus, #2 cont.                          | 8152719 | 5.000     | Ea   |
| 0980 | Rudbeckia fuldiga Goldsturm, 3 inch pot                          | 8153282 | 13.000    | Ea   |
| 0990 | Sodding                                                          | 8160055 | 1,200.000 | Syd  |
| 1000 | Water, Sodding/Seeding                                           | 8160090 | 75.000    | Unit |
| 1010 | _ Shredded Bark Mulch, Furn, 2 inch, Modified                    | 8167011 | 100.000   | Syd  |
| 1020 | _ Topsoil Surface, Furn, 2 inch, Modified                        | 8167011 | 1,200.000 | Syd  |
| 1030 | _ Bio-Retention Media, Modified                                  | 8167021 | 60.000    | Cyd  |
| 1040 | Gate Box, Adj, Temp, Case 1                                      | 8230391 | 1.000     | Ea   |
| 1050 | Water Shutoff, Adj, Case 1                                       | 8230421 | 1.000     | Ea   |
| 1060 | Water Shutoff, Adj, Case 2                                       | 8230422 | 24.000    | Ea   |
| 1070 | Gate Box, Adj, Case 1                                            | 8230431 | 1.000     | Ea   |
| 1080 | _ Irrigation System Repr, Pipe, Modified                         | 8507001 | 500.000   | Ft   |
| 1090 | _ Stone Spillway, Modified                                       | 8507020 | 50.000    | Cft  |
| 1100 | _ Bike Loop                                                      | 8507050 | 3.000     | Ea   |
| 1110 | _ Bike Rack                                                      | 8507050 | 1.000     | Ea   |
| 1120 | _ Irrigation System Repr, Head, Modified                         | 8507050 | 25.000    | Ea   |

|      |                                           |         |           |     |
|------|-------------------------------------------|---------|-----------|-----|
| 1130 | _ Irrigation System Repr, Valve, Modified | 8507050 | 5.000     | Ea  |
| 1140 | _ Wheel Stop, 6 foot                      | 8507050 | 2.000     | Ea  |
| 1150 | _ Reimbursed Permit Fees                  | 8507060 | 1,200.000 | Dlr |

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7/10/2020 9:37 AM

AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 013**Letting Date:** August 7, 2020**Contract ID:** 11000-133172**Description:** 1.00 mi of hot mix asphalt cold milling and resurfacing with trenching and widening and pavement markings on Snow Road from US-31 to Red Bud Trail, Berrien County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 133172A        | 20A0793                | N/A                 | HIPS 11000      |

**List of Items by Section**

| Line Num          | Item Description                                | Item ID | Quantity   | Units |
|-------------------|-------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                 |         |            |       |
| 0010              | Mobilization, Max \$43,900.00                   | 1500001 | 1.000      | LSUM  |
| 0020              | Guardrail, Rem                                  | 2040035 | 1,135.000  | Ft    |
| 0030              | _ Pavt, Rem, Modified                           | 2047011 | 25.000     | Syd   |
| 0040              | Embankment, CIP                                 | 2050010 | 508.000    | Cyd   |
| 0050              | Excavation, Earth                               | 2050016 | 150.000    | Cyd   |
| 0060              | _ Aggregate Base, Modified                      | 3027031 | 888.000    | Ton   |
| 0070              | Approach, CI II                                 | 3070021 | 97.000     | Ton   |
| 0080              | Shoulder, CI II                                 | 3070121 | 439.000    | Ton   |
| 0090              | _ Trenching, Modified                           | 3077002 | 75.000     | Sta   |
| 0100              | Cold Milling HMA Surface                        | 5010002 | 6,280.000  | Syd   |
| 0110              | Hand Patching                                   | 5010025 | 20.000     | Ton   |
| 0120              | HMA, 4E1                                        | 5010050 | 852.000    | Ton   |
| 0130              | HMA, 5E1                                        | 5010056 | 2,424.000  | Ton   |
| 0140              | HMA Approach                                    | 5010061 | 26.000     | Ton   |
| 0150              | _ Pavt for Butt Joint, Rem, Modified            | 5017011 | 500.000    | Syd   |
| 0160              | Guardrail, Type B                               | 8070000 | 787.000    | Ft    |
| 0170              | Guardrail Approach Terminal, Type 2M            | 8070044 | 6.000      | Ea    |
| 0180              | Guardrail Reflector                             | 8070080 | 32.000     | Ea    |
| 0190              | Post, Mailbox                                   | 8070095 | 12.000     | Ea    |
| 0200              | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym | 8110071 | 1.000      | Ea    |
| 0210              | Pavt Mrkg, Waterborne, 4 inch, White            | 8110231 | 10,670.000 | Ft    |
| 0220              | Pavt Mrkg, Waterborne, 4 inch, Yellow           | 8110232 | 8,946.000  | Ft    |
| 0230              | Channelizing Device, 42 inch, Furn              | 8120030 | 200.000    | Ea    |
| 0240              | Channelizing Device, 42 inch, Oper              | 8120031 | 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              | Sign, Type B, Temp, Prismatic, Furn             | 8120350 | 296.000    | Sft   |

|      |                                     |         |           |      |
|------|-------------------------------------|---------|-----------|------|
| 0290 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 296.000   | Sft  |
| 0300 | Traf Regulator Control              | 8120370 | 1.000     | LSUM |
| 0310 | Slope Restoration, Type B           | 8160101 | 2,000.000 | Syd  |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 014**Letting Date:** August 7, 2020**Contract ID:** 32000-206125**Description:** 0.48 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Port Crescent Street from Soper Road north to Court Street, Huron County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206125A        | N/A                    | N/A                 | EDD 32000       |

**List of Items by Section**

| Line Num          | Item Description                                            | Item ID | Quantity   | Units |
|-------------------|-------------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                             |         |            |       |
| 0010              | Mobilization, Max \$15,400.00                               | 1500001 | 1.000      | LSUM  |
| 0020              | Dr Structure Cover, Adj, Case 1                             | 4030005 | 20.000     | Ea    |
| 0030              | Pavt, Cleaning                                              | 5010001 | 1.000      | LSUM  |
| 0040              | Cold Milling HMA Surface                                    | 5010002 | 11,512.000 | Syd   |
| 0050              | HMA Approach                                                | 5010061 | 110.000    | Ton   |
| 0060              | _ HMA, 13A, Mod T                                           | 5017031 | 1,050.000  | Ton   |
| 0070              | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk             | 8110024 | 322.000    | Ft    |
| 0080              | Pavt Mrkg, Waterborne, 4 inch, Yellow                       | 8110232 | 4,900.000  | Ft    |
| 0090              | Witness, Log, \$1,000.00                                    | 8110350 | 1,000.000  | Dlr   |
| 0100              | Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White | 8110425 | 410.000    | Ft    |
| 0110              | Barricade, Type III, High Intensity, Lighted, Furn          | 8120022 | 16.000     | Ea    |
| 0120              | Barricade, Type III, High Intensity, Lighted, Oper          | 8120023 | 16.000     | Ea    |
| 0130              | Minor Traf Devices                                          | 8120170 | 1.000      | LSUM  |
| 0140              | Sign, Type B, Temp, Prismatic, Furn                         | 8120350 | 120.000    | Sft   |
| 0150              | Sign, Type B, Temp, Prismatic, Oper                         | 8120351 | 120.000    | Sft   |
| 0160              | Traf Regulator Control                                      | 8120370 | 1.000      | LSUM  |
| 0170              | Gate Box, Adj, Case 1                                       | 8230431 | 17.000     | Ea    |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 015

**Letting Date:** August 7, 2020

**Contract ID:** 74141-130159-2

**Description:** 0.25 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb, gutter and sidewalks, sewer, drainage and pavement markings on Dawson Street from M-46 (Sanilac Avenue) north to West Argyle Street in the city of Sandusky, Sanilac County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 130159A        | N/A                    | N/A                 | EDD 74141       |

### List of Items by Section

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                |         |           |       |
| 0010              | Mobilization, Max \$42,900.00                  | 1500001 | 1.000     | LSUM  |
| 0020              | Tree, Rem, 19 inch to 36 inch                  | 2020002 | 5.000     | Ea    |
| 0030              | _ Tree Trimming                                | 2027050 | 8.000     | Ea    |
| 0040              | Dr Structure, Rem                              | 2030011 | 8.000     | Ea    |
| 0050              | Sewer, Rem, Less than 24 inch                  | 2030015 | 1,280.000 | Ft    |
| 0060              | Curb and Gutter, Rem                           | 2040020 | 515.000   | Ft    |
| 0070              | Pavt, Rem                                      | 2040050 | 150.000   | Syd   |
| 0080              | Sidewalk, Rem                                  | 2040055 | 167.000   | Syd   |
| 0090              | Excavation, Earth                              | 2050016 | 80.000    | Cyd   |
| 0100              | Machine Grading                                | 2050030 | 27.000    | Sta   |
| 0110              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 20.000    | Ea    |
| 0120              | Erosion Control, Silt Fence                    | 2080036 | 150.000   | Ft    |
| 0130              | Aggregate Base, 12 inch                        | 3020030 | 680.000   | Syd   |
| 0140              | HMA Base Crushing and Shaping                  | 3050002 | 5,905.000 | Syd   |
| 0150              | Maintenance Gravel                             | 3060020 | 200.000   | Ton   |
| 0160              | Trenching                                      | 3070200 | 27.000    | Sta   |
| 0170              | Sewer, Cl A, 8 inch, Tr Det B                  | 4020031 | 196.000   | Ft    |
| 0180              | Sewer, Cl A, 12 inch, Tr Det B                 | 4020033 | 412.000   | Ft    |
| 0190              | Sewer, Cl A, 15 inch, Tr Det B                 | 4020034 | 418.000   | Ft    |
| 0200              | Sewer, Cl A, 18 inch, Tr Det B                 | 4020035 | 440.000   | Ft    |
| 0210              | Sewer Tap, 8 inch                              | 4021202 | 1.000     | Ea    |
| 0220              | Sewer Tap, 12 inch                             | 4021204 | 2.000     | Ea    |
| 0230              | Sewer Tap, 15 inch                             | 4021205 | 2.000     | Ea    |
| 0240              | Sewer Bulkhead, 12 inch                        | 4021230 | 1.000     | Ea    |
| 0250              | Dr Structure Cover, Adj, Case 1                | 4030005 | 2.000     | Ea    |
| 0260              | Dr Structure Cover, Type C                     | 4030015 | 11.000    | Ea    |
| 0270              | Dr Structure Cover, Type D                     | 4030025 | 4.000     | Ea    |

|      |                                                    |         |            |      |
|------|----------------------------------------------------|---------|------------|------|
| 0280 | Dr Structure, 24 inch dia                          | 4030200 | 4.000      | Ea   |
| 0290 | Dr Structure, 48 inch dia                          | 4030210 | 6.000      | Ea   |
| 0300 | _ Dr Structure, 36 inch dia                        | 4037050 | 5.000      | Ea   |
| 0310 | HMA Surface, Rem                                   | 5010005 | 55.000     | Syd  |
| 0320 | HMA, 13A                                           | 5010033 | 1,650.000  | Ton  |
| 0330 | HMA Approach                                       | 5010061 | 325.000    | Ton  |
| 0340 | Driveway, Reinf Conc, 6 inch                       | 8010001 | 65.000     | Syd  |
| 0350 | Curb and Gutter, Conc, Det D2                      | 8020031 | 2,086.000  | Ft   |
| 0360 | Detectable Warning Surface                         | 8030010 | 110.000    | Ft   |
| 0370 | Curb Ramp Opening, Conc                            | 8030030 | 444.000    | Ft   |
| 0380 | Sidewalk Ramp, Conc, 4 inch                        | 8030034 | 1,525.000  | Sft  |
| 0390 | Sidewalk Ramp, Conc, 6 inch                        | 8030036 | 375.000    | Sft  |
| 0400 | Sidewalk, Conc, 4 inch                             | 8030044 | 10,665.000 | Sft  |
| 0410 | Pavt Mrkg, Ovly Cold Plastic, 4 inch, White        | 8110022 | 185.000    | Ft   |
| 0420 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar    | 8110045 | 24.000     | Ft   |
| 0430 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 8.000      | Ea   |
| 0440 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 8.000      | Ea   |
| 0450 | Channelizing Device, 42 inch, Furn                 | 8120030 | 75.000     | Ea   |
| 0460 | Channelizing Device, 42 inch, Oper                 | 8120031 | 75.000     | Ea   |
| 0470 | Lighted Arrow, Type B, Furn                        | 8120130 | 2.000      | Ea   |
| 0480 | Lighted Arrow, Type B, Oper                        | 8120131 | 2.000      | Ea   |
| 0490 | Minor Traf Devices                                 | 8120170 | 1.000      | LSUM |
| 0500 | Sign, Type B, Temp, Prismatic, Furn                | 8120350 | 354.000    | Sft  |
| 0510 | Sign, Type B, Temp, Prismatic, Oper                | 8120351 | 354.000    | Sft  |
| 0520 | Traf Regulator Control                             | 8120370 | 1.000      | LSUM |
| 0530 | Slope Restoration, Type B                          | 8160101 | 1,905.000  | Syd  |
| 0540 | Traf Loop                                          | 8200170 | 1.000      | Ea   |
| 0550 | Loop Detector, Rem                                 | 8200173 | 1.000      | Ea   |
| 0560 | Gate Valve and Box, 8 inch                         | 8230052 | 1.000      | Ea   |
| 0570 | Hydrant, Relocate, Case 1                          | 8230095 | 2.000      | Ea   |
| 0580 | Gate Box, Adj, Case 1                              | 8230431 | 1.000      | Ea   |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 016

**Letting Date:** August 7, 2020

**Contract ID:** 55428-132927

**Description:** 1.81 mi of hot mix asphalt base crushing, shaping and resurfacing and pavement markings on 48th Avenue from County Road 577 to 13th Street 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 |
|----------------|------------------------|---------------------|-----------------|
| 132927A        | 20A0715                | N/A                 | STUL 55428      |

### List of Items by Section

| Line Num          | Item Description                                                 | Item ID | Quantity   | Units |
|-------------------|------------------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                                  |         |            |       |
| 0010              | Mobilization, Max \$57,500.00                                    | 1500001 | 1.000      | LSUM  |
| 0020              | Pavt, Rem                                                        | 2040050 | 640.000    | Syd   |
| 0030              | Embankment, CIP                                                  | 2050010 | 400.000    | Cyd   |
| 0040              | Excavation, Earth                                                | 2050016 | 400.000    | Cyd   |
| 0050              | Erosion Control, Inlet Protection, Fabric Drop                   | 2080020 | 8.000      | Ea    |
| 0060              | Erosion Control, Maintenance, Sediment Removal                   | 2080026 | 3.000      | Cyd   |
| 0070              | Erosion Control, Silt Fence                                      | 2080036 | 3,400.000  | Ft    |
| 0080              | Aggregate Base, 8 inch                                           | 3020020 | 650.000    | Syd   |
| 0090              | HMA Base Crushing and Shaping                                    | 3050002 | 29,015.000 | Syd   |
| 0100              | Approach, CI II, 3 inch                                          | 3070025 | 450.000    | Syd   |
| 0110              | Shoulder, CI II, 3 inch                                          | 3070125 | 2,500.000  | Syd   |
| 0120              | Dr Structure Cover, Adj, Case 1                                  | 4030005 | 8.000      | Ea    |
| 0130              | HMA Approach                                                     | 5010061 | 220.000    | Ton   |
| 0140              | HMA, LVSP                                                        | 5010703 | 4,850.000  | Ton   |
| 0150              | Curb and Gutter, Conc, Det C2                                    | 8020021 | 220.000    | Ft    |
| 0160              | Pavt Mrkg, Polyurea, Bike                                        | 8110100 | 4.000      | Ea    |
| 0170              | Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike              | 8110106 | 4.000      | Ea    |
| 0180              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                           | 8110114 | 220.000    | Ft    |
| 0190              | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 18,910.000 | Ft    |
| 0200              | Pavt Mrkg, Waterborne, 6 inch, White                             | 8110233 | 18,910.000 | Ft    |
| 0210              | Pavt Mrkg, Thermopl, Rumble Strip                                | 8110470 | 700.000    | Ft    |
| 0220              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 8.000      | Ea    |
| 0230              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000      | Ea    |
| 0240              | Lighted Arrow, Type B, Furn                                      | 8120130 | 4.000      | Ea    |
| 0250              | Lighted Arrow, Type B, Oper                                      | 8120131 | 4.000      | Ea    |
| 0260              | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM  |

|      |                                     |         |           |      |
|------|-------------------------------------|---------|-----------|------|
| 0270 | Plastic Drum, High Intensity, Furn  | 8120250 | 100.000   | Ea   |
| 0280 | Plastic Drum, High Intensity, Oper  | 8120251 | 100.000   | Ea   |
| 0290 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 700.000   | Sft  |
| 0300 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 700.000   | Sft  |
| 0310 | Traf Regulator Control              | 8120370 | 1.000     | LSUM |
| 0320 | Slope Restoration, Type A           | 8160100 | 1,000.000 | Syd  |
| 0330 | Gate Valve and Box, 6 inch          | 8230051 | 1.000     | Ea   |
| 0340 | Water Main, DI, 6 inch, Tr Det G    | 8230151 | 260.000   | Ft   |
| 0350 | _ Water Serv, 1 inch Copper, Type K | 8237001 | 100.000   | Ft   |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 017**Letting Date:** August 7, 2020**Contract ID:** 25000-207354**Description:** Pavement marking removal and installation, stop bars, crosswalk markings, left turn arrow symbols and signing on various routes at 14 intersections, Genesee County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207354A        | 20A0811                | N/A                 | HSIP 25000      |

**List of Items by Section**

| Line Num          | Item Description                                  | Item ID | Quantity   | Units |
|-------------------|---------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                   |         |            |       |
| 0010              | Mobilization, Max \$3,800.00                      | 1500001 | 1.000      | LSUM  |
| 0020              | Post, Steel, 3 lb                                 | 8100371 | 598.000    | Ft    |
| 0030              | Sign, Type III, Rem                               | 8100403 | 4.000      | Ea    |
| 0040              | Sign, Type IIIB                                   | 8100405 | 190.000    | Sft   |
| 0050              | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk   | 8110024 | 210.000    | Ft    |
| 0060              | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar   | 8110045 | 1,025.000  | Ft    |
| 0070              | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym   | 8110063 | 31.000     | Ea    |
| 0080              | Pavt Mrkg, Waterborne, 4 inch, White              | 8110231 | 16,275.000 | Ft    |
| 0090              | Pavt Mrkg, Waterborne, 4 inch, Yellow             | 8110232 | 25,206.000 | Ft    |
| 0100              | Pavt Mrkg, Longit, 6 inch or Less Width, Rem      | 8120210 | 23,846.000 | Ft    |
| 0110              | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem | 8120211 | 827.000    | Ft    |
| 0120              | _ Maintaining Traffic                             | 8127051 | 1.000      | LSUM  |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 018**Letting Date:** August 7, 2020**Contract ID:** 70024-210298**Description:** Bridge rehabilitation including deck patching, deck joint replacement and reseal end joints on I-196 over the Black River in the city of Zeeland, Ottawa County.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 210298A        | N/A                    | N/A                 | M 70024         |

**List of Items by Section**

| Line Num          | Item Description                                              | Item ID | Quantity  | Units |
|-------------------|---------------------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                               |         |           |       |
| 0010              | Mobilization, Max \$32,000.00                                 | 1500001 | 1.000     | LSUM  |
| 0020              | Pavt Mrkg, Waterborne, 6 inch, White                          | 8110233 | 625.000   | Ft    |
| 0030              | Pavt Mrkg, Waterborne, 6 inch, Yellow                         | 8110234 | 500.000   | Ft    |
| 0040              | Conc Barrier Ending, Temp, Detail 2, Adj                      | 8120040 | 2.000     | 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, Temp, Adj                                       | 8120080 | 760.000   | Ft    |
| 0080              | Conc Barrier, Temp, Furn                                      | 8120081 | 760.000   | Ft    |
| 0090              | Conc Barrier, Temp, Oper                                      | 8120082 | 760.000   | 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              | Pavt Mrkg Cover, Type R, Black                                | 8120200 | 4,630.000 | Ft    |
| 0160              | Pavt Mrkg, Wet Reflective, Type R, Tape, 8 inch, White, Temp  | 8120247 | 4,630.000 | Ft    |
| 0170              | Pavt Mrkg, Wet Reflective, Type R, Tape, 8 inch, Yellow, Temp | 8120248 | 4,630.000 | Ft    |
| 0180              | Plastic Drum, Fluorescent, Furn                               | 8120252 | 200.000   | Ea    |
| 0190              | Plastic Drum, Fluorescent, Oper                               | 8120253 | 200.000   | Ea    |
| 0200              | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn     | 8120332 | 2.000     | Ea    |
| 0210              | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper     | 8120333 | 2.000     | Ea    |
| 0220              | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 1,120.000 | Sft   |
| 0230              | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 1,120.000 | Sft   |
| 0240              | Speed Radar Trailer, Temp                                     | 8122028 | 2.000     | Ea    |

**Section: 2**

|      |                                                             |         |           |      |
|------|-------------------------------------------------------------|---------|-----------|------|
| 0250 | Expansion Joint Device                                      | 7060050 | 198.000   | Ft   |
| 0260 | False Decking                                               | 7060060 | 2,020.000 | Sft  |
| 0270 | Reinforcement, Steel, Epoxy Coated                          | 7060092 | 5,878.000 | Lb   |
| 0280 | _ Expansive Waterstop                                       | 7067001 | 48.000    | Ft   |
| 0290 | _ Conc, Grade DM                                            | 7067021 | 30.000    | Cyd  |
| 0300 | Hand Chipping, Deep                                         | 7120004 | 36.000    | Syd  |
| 0310 | Deck Joint, Rem                                             | 7120071 | 204.000   | Ft   |
| 0320 | Reinforcement, Mechanical Splice                            | 7120084 | 64.000    | Ea   |
| 0330 | Patching Conc, C-L                                          | 7120112 | 6.000     | Cyd  |
| 0340 | Embedded Galvanic Anode                                     | 7120120 | 317.000   | Ea   |
| 0350 | _ Bridge Joints, Clean and Seal (B01 of 70024),<br>Modified | 7127051 | 1.000     | LSUM |
| 0360 | _ Bridge Joints, Clean and Seal (B02 of 70024),<br>Modified | 7127051 | 1.000     | LSUM |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 019**Letting Date:** August 7, 2020**Contract ID:** 60021-210122

**Description:** 0.11 mi of portable intermittent truck weigh station (PITWS) installation and HMA approach construction on M-32/M-33 westbound at the MDOT Atlanta Maintenance Facility, Montmorency County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 210122A        | 20A0877                | N/A                 | ST 60021        |

**List of Items by Section**

| Line Num          | Item Description                                                 | Item ID | Quantity  | Units |
|-------------------|------------------------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                                  |         |           |       |
| 0010              | Mobilization, Max \$16,600.00                                    | 1500001 | 1.000     | LSUM  |
| 0020              | Embankment, CIP                                                  | 2050010 | 601.000   | Cyd   |
| 0030              | Excavation, Earth                                                | 2050016 | 1,427.000 | Cyd   |
| 0040              | Erosion Control, Check Dam, Stone                                | 2080012 | 15.000    | Ft    |
| 0050              | Erosion Control, Sediment Trap                                   | 2080034 | 1.000     | Ea    |
| 0060              | Erosion Control, Silt Fence                                      | 2080036 | 548.000   | Ft    |
| 0070              | Subbase, CIP                                                     | 3010002 | 375.000   | Cyd   |
| 0080              | Aggregate Base                                                   | 3020001 | 315.000   | Ton   |
| 0090              | Shoulder, CI II, 6 inch                                          | 3070128 | 112.000   | Syd   |
| 0100              | Dr Marker Post                                                   | 4011109 | 1.000     | Ea    |
| 0110              | Dr Structure Cover, Type E                                       | 4030035 | 1.000     | Ea    |
| 0120              | Dr Structure, 48 inch dia                                        | 4030210 | 1.000     | Ea    |
| 0130              | Hand Patching                                                    | 5010025 | 7.000     | Ton   |
| 0140              | HMA Approach                                                     | 5010061 | 346.000   | Ton   |
| 0150              | Conc Pavt, Misc, Nonreinf, 10 inch                               | 6020058 | 267.000   | Syd   |
| 0160              | Joint, Contraction, Cp                                           | 6020200 | 192.000   | Ft    |
| 0170              | _ Portable Intermittent Truck Weigh Station Trench               | 8007050 | 1.000     | Ea    |
| 0180              | Curb, Conc, Det E4                                               | 8020004 | 333.000   | Ft    |
| 0190              | Curb and Gutter, Conc, Det B2                                    | 8020016 | 190.000   | Ft    |
| 0200              | Delineator Reflector, Green                                      | 8100133 | 4.000     | Ea    |
| 0210              | Delineator Reflector, White                                      | 8100134 | 2.000     | Ea    |
| 0220              | Post, Rigid, Delineator                                          | 8100361 | 6.000     | Ea    |
| 0230              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000     | Ea    |
| 0240              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 4.000     | Ea    |
| 0250              | Channelizing Device, 42 inch, Fluorescent, Furn                  | 8120035 | 40.000    | Ea    |
| 0260              | Channelizing Device, 42 inch, Fluorescent, Oper                  | 8120036 | 40.000    | Ea    |

|      |                                           |         |         |      |
|------|-------------------------------------------|---------|---------|------|
| 0270 | Lighted Arrow, Type C, Furn               | 8120140 | 2.000   | Ea   |
| 0280 | Lighted Arrow, Type C, Oper               | 8120141 | 2.000   | Ea   |
| 0290 | Minor Traf Devices                        | 8120170 | 1.000   | LSUM |
| 0300 | Sign Cover                                | 8120310 | 4.000   | Ea   |
| 0310 | Sign, Type B, Temp, Prismatic, Furn       | 8120350 | 404.000 | Sft  |
| 0320 | Sign, Type B, Temp, Prismatic, Oper       | 8120351 | 404.000 | Sft  |
| 0330 | Traf Regulator Control                    | 8120370 | 1.000   | LSUM |
| 0340 | _ Slope Restratement, Bonded Fiber Matrix | 8167011 | 987.000 | Syd  |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 020**Letting Date:** August 7, 2020**Contract ID:** 83052-208832

**Description:** 8.68 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-115 from southeast of 28 Road to south of the M-37 roundabout, Wexford County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208832A        | 20A0875                | N/A                 | NH 83052        |

**List of Items by Section**

| Line Num          | Item Description                                               | Item ID | Quantity    | Units |
|-------------------|----------------------------------------------------------------|---------|-------------|-------|
| <b>Section: 1</b> |                                                                |         |             |       |
| 0010              | Mobilization, Max \$252,700.00                                 | 1500001 | 1.000       | LSUM  |
| 0020              | Shoulder, CI II                                                | 3070121 | 2,805.000   | Ton   |
| 0030              | Cold Milling HMA Surface                                       | 5010002 | 210,017.000 | Syd   |
| 0040              | HMA Quality Initiative                                         | 5010007 | 48,766.000  | Dlr   |
| 0050              | Longitudinal Joint Density Quality Initiative                  | 5010018 | 56,677.000  | Dlr   |
| 0060              | HMA, 4E1                                                       | 5010050 | 24,383.000  | Ton   |
| 0070              | Curb Sloped, HMA                                               | 8050010 | 3,793.000   | Ft    |
| 0080              | Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol               | 8110050 | 8.000       | Ea    |
| 0090              | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                | 8110071 | 2.000       | Ea    |
| 0100              | Pavt Mrkg, Waterborne, 4 inch, White                           | 8110231 | 7,469.000   | Ft    |
| 0110              | Pavt Mrkg, Waterborne, 4 inch, Yellow                          | 8110232 | 66,984.000  | Ft    |
| 0120              | Pavt Mrkg, Waterborne, 6 inch, White                           | 8110233 | 91,338.000  | Ft    |
| 0130              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White          | 8110251 | 7,469.000   | Ft    |
| 0140              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow         | 8110252 | 66,984.000  | Ft    |
| 0150              | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White          | 8110253 | 91,338.000  | Ft    |
| 0160              | Witness, Log, \$1,000.00                                       | 8110350 | 1,000.000   | Dlr   |
| 0170              | Recessing Pavt Mrkg, Longit                                    | 8110450 | 98,807.000  | Ft    |
| 0180              | Lighted Arrow, Type C, Furn                                    | 8120140 | 4.000       | Ea    |
| 0190              | Lighted Arrow, Type C, Oper                                    | 8120141 | 4.000       | Ea    |
| 0200              | Minor Traf Devices                                             | 8120170 | 1.000       | LSUM  |
| 0210              | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp | 8120235 | 92,000.000  | Ft    |
| 0220              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp   | 8120245 | 2,400.000   | Ft    |
| 0230              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp  | 8120246 | 6,000.000   | Ft    |
| 0240              | Plastic Drum, Fluorescent, Furn                                | 8120252 | 9.000       | Ea    |
| 0250              | Plastic Drum, Fluorescent, Oper                                | 8120253 | 9.000       | Ea    |
| 0260              | Sign Cover                                                     | 8120310 | 6.000       | Ea    |

|      |                                                |         |            |      |
|------|------------------------------------------------|---------|------------|------|
| 0270 | Sign, Portable, Changeable Message, Furn       | 8120330 | 3.000      | Ea   |
| 0280 | Sign, Portable, Changeable Message, Oper       | 8120331 | 3.000      | Ea   |
| 0290 | Sign, Type B, Temp, Prismatic, Furn            | 8120350 | 1,080.000  | Sft  |
| 0300 | Sign, Type B, Temp, Prismatic, Oper            | 8120351 | 1,080.000  | Sft  |
| 0310 | Traf Regulator Control                         | 8120370 | 1.000      | LSUM |
| 0320 | Paved Ditch, HMA                               | 8140010 | 20.000     | Syd  |
| 0330 | Fertilizer, Chemical Nutrient, CI A            | 8160020 | 77.000     | Lb   |
| 0340 | Mulch Blanket                                  | 8160027 | 2,107.000  | Syd  |
| 0350 | Seeding, Mixture TDS                           | 8160037 | 96.000     | Lb   |
| 0360 | Topsoil Surface, Furn, 3 inch                  | 8160061 | 2,107.000  | Syd  |
| 0370 | _ Permanent Traffic Recorder Loops Only        | 8207051 | 1.000      | LSUM |
| 0380 | Monument Box                                   | 8210001 | 1.000      | Ea   |
| 0390 | Monument Preservation                          | 8210010 | 1.000      | Ea   |
| 0400 | Centerline Corrugations, Milled, HMA           | 8220013 | 45,000.000 | Ft   |
| 0410 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 29,555.000 | Ft   |

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## Schedule of Pay Items

Report v1

**Letting Call:** 200807 021

**Letting Date:** August 7, 2020

**Contract ID:** 52041-208504

**Description:** 3.03 mi of paver placed surface seal, hot mix asphalt cold milling and paving, overband crack fill and pavement markings on US-41/M-28 from east of Brown Road to east of the Marquette/Baraga county line, Marquette County. This project includes a 3 year pavement performance warranty.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208504A        | 20A0876                | N/A                 | NH 52041        |

### List of Items by Section

| Line Num          | Item Description                                          | Item ID | Quantity   | Units |
|-------------------|-----------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                           |         |            |       |
| 0010              | Mobilization, Max \$61,000.00                             | 1500001 | 1.000      | LSUM  |
| 0020              | _ Berm Grading                                            | 2057002 | 2.000      | Sta   |
| 0030              | Approach, CI II                                           | 3070021 | 27.000     | Ton   |
| 0040              | Shoulder, CI II                                           | 3070121 | 810.000    | Ton   |
| 0050              | Pavt, Cleaning                                            | 5010001 | 1.000      | LSUM  |
| 0060              | Cold Milling HMA Surface                                  | 5010002 | 3,200.000  | Syd   |
| 0070              | Pavt for Butt Joints, Rem                                 | 5010008 | 877.000    | Syd   |
| 0080              | Hand Patching                                             | 5010025 | 10.000     | Ton   |
| 0090              | HMA, 5E3                                                  | 5010057 | 275.000    | Ton   |
| 0100              | _ Seal, Fog                                               | 5017011 | 10,500.000 | Syd   |
| 0110              | Overband Crack Fill, Lane                                 | 5020003 | 6.200      | Lnmi  |
| 0120              | Paver Placed Surface Seal, Type C, Warranty               | 5030041 | 72,600.000 | Syd   |
| 0130              | Delineator, Reflective Sheeting, 3 inch by 12 inch, Green | 8100144 | 10.000     | Ea    |
| 0140              | Delineator, Rem                                           | 8100349 | 10.000     | Ea    |
| 0150              | Post, Flexible, Delineator                                | 8100360 | 10.000     | Ea    |
| 0160              | Pavt Mrkg, Waterborne, 4 inch, White                      | 8110231 | 300.000    | Ft    |
| 0170              | Pavt Mrkg, Waterborne, 4 inch, Yellow                     | 8110232 | 14,700.000 | Ft    |
| 0180              | Pavt Mrkg, Waterborne, 6 inch, White                      | 8110233 | 31,400.000 | Ft    |
| 0190              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White     | 8110251 | 300.000    | Ft    |
| 0200              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow    | 8110252 | 14,700.000 | Ft    |
| 0210              | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White     | 8110253 | 31,400.000 | Ft    |
| 0220              | Witness, Log, \$1,000.00                                  | 8110350 | 1,000.000  | Dlr   |
| 0230              | Lighted Arrow, Type C, Furn                               | 8120140 | 2.000      | Ea    |
| 0240              | Lighted Arrow, Type C, Oper                               | 8120141 | 2.000      | Ea    |
| 0250              | Minor Traf Devices                                        | 8120170 | 1.000      | LSUM  |
| 0260              | Plastic Drum, Fluorescent, Furn                           | 8120252 | 190.000    | Ea    |
| 0270              | Plastic Drum, Fluorescent, Oper                           | 8120253 | 190.000    | Ea    |

|      |                                                            |         |            |      |
|------|------------------------------------------------------------|---------|------------|------|
| 0280 | Raised Pavt Marker, Temp, Type 1, Yellow,<br>Bidirectional | 8120281 | 975.000    | Ea   |
| 0290 | Sign Cover                                                 | 8120310 | 5.000      | Ea   |
| 0300 | Sign, Type B, Temp, Prismatic, Furn                        | 8120350 | 809.000    | Sft  |
| 0310 | Sign, Type B, Temp, Prismatic, Oper                        | 8120351 | 809.000    | Sft  |
| 0320 | Traf Regulator Control                                     | 8120370 | 1.000      | LSUM |
| 0330 | Slope Restoration, Type B                                  | 8160101 | 20.000     | Syd  |
| 0340 | Monument Box Adjust                                        | 8210005 | 34.000     | Ea   |
| 0350 | Protect Corners                                            | 8210020 | 35.000     | Ea   |
| 0360 | Centerline Corrugations, Milled, HMA                       | 8220013 | 15,400.000 | Ft   |
| 0370 | Non-Freeway Shoulder Corrugations, Milled, HMA             | 8220025 | 31,400.000 | Ft   |
| 0380 | Contractor Staking, Road Only                              | 8240007 | 1.000      | LSUM |
| 0390 | Staking Plan Errors and Extras, One Person                 | 8240020 | 5.000      | Hr   |
| 0400 | Staking Plan Errors and Extras, Two Person                 | 8240021 | 2.000      | Hr   |
| 0410 | Staking Plan Errors and Extras, Three Person               | 8240022 | 3.000      | Hr   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 022**Letting Date:** August 7, 2020**Contract ID:** 31013-208956-2

**Description:** Culvert replacement, scour counter measures and approach reconstruction on M-26 over Quincy Creek, 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 |
|----------------|------------------------|---------------------|-----------------|
| 208956A        | 20A0433                | N/A                 | ER 31013        |

**List of Items by Section**

| Line Num          | Item Description                                        | Item ID | Quantity  | Units |
|-------------------|---------------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                         |         |           |       |
| 0010              | Mobilization, Max \$101,900.00                          | 1500001 | 1.000     | LSUM  |
| 0020              | Guardrail, Rem                                          | 2040035 | 475.000   | Ft    |
| 0030              | Pavt, Rem                                               | 2040050 | 335.000   | Syd   |
| 0040              | Ditch Cleanout                                          | 2050006 | 1.000     | Sta   |
| 0050              | Embankment, CIP                                         | 2050010 | 200.000   | Cyd   |
| 0060              | Excavation, Earth                                       | 2050016 | 400.000   | Cyd   |
| 0070              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 50.000    | Cyd   |
| 0080              | Erosion Control, Silt Fence                             | 2080036 | 950.000   | Ft    |
| 0090              | Subbase, CIP                                            | 3010002 | 400.000   | Cyd   |
| 0100              | Aggregate Base, 6 inch                                  | 3020016 | 734.000   | Syd   |
| 0110              | Shoulder, CI II, 3 inch                                 | 3070125 | 25.000    | Syd   |
| 0120              | Shoulder, CI II, 6 inch                                 | 3070128 | 156.000   | Syd   |
| 0130              | Geotextile, Separator                                   | 3080005 | 596.000   | Syd   |
| 0140              | HMA Surface, Rem                                        | 5010005 | 643.000   | Syd   |
| 0150              | Pavt for Butt Joints, Rem                               | 5010008 | 365.000   | Syd   |
| 0160              | Longitudinal Joint Density Quality Initiative           | 5010018 | 1,050.000 | Dlr   |
| 0170              | HMA, LVSP                                               | 5010703 | 300.000   | Ton   |
| 0180              | _ High Performance Biaxial Geogrid                      | 7007011 | 365.000   | Syd   |
| 0190              | Bridge Railing, Thrie Beam Retrofit                     | 7110006 | 52.000    | Ft    |
| 0200              | Curb Sloped, HMA                                        | 8050010 | 52.000    | Ft    |
| 0210              | Guardrail, Type MGS-8                                   | 8070004 | 1,000.000 | Ft    |
| 0220              | Guardrail Approach Terminal, Type 2M                    | 8070044 | 3.000     | Ea    |
| 0230              | Guardrail Reflector                                     | 8070080 | 3.000     | Ea    |
| 0240              | Guardrail Height, Adj                                   | 8070100 | 13.000    | Ft    |
| 0250              | Guardrail Anch, Bridge, Det A3                          | 8070150 | 4.000     | Ea    |
| 0260              | Fence, Protective                                       | 8080007 | 850.000   | Ft    |
| 0270              | Delineator Reflector, Green                             | 8100133 | 3.000     | Ea    |

|      |                                                                  |         |           |      |
|------|------------------------------------------------------------------|---------|-----------|------|
| 0280 | Post, Rigid, Delineator                                          | 8100361 | 3.000     | Ea   |
| 0290 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 700.000   | Ft   |
| 0300 | Pavt Mrkg, Waterborne, 6 inch, White                             | 8110233 | 700.000   | Ft   |
| 0310 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 700.000   | Ft   |
| 0320 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White            | 8110253 | 700.000   | Ft   |
| 0330 | Witness, Log, \$1,000.00                                         | 8110350 | 1,000.000 | Dlr  |
| 0340 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 15.000    | Ea   |
| 0350 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 15.000    | Ea   |
| 0360 | Conc Barrier, Temp, Furn                                         | 8120081 | 260.000   | Ft   |
| 0370 | Conc Barrier, Temp, Oper                                         | 8120082 | 260.000   | Ft   |
| 0380 | Minor Traf Devices                                               | 8120170 | 1.000     | LSUM |
| 0390 | Sign Cover                                                       | 8120310 | 5.000     | Ea   |
| 0400 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 703.000   | Sft  |
| 0410 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 703.000   | Sft  |
| 0420 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 99.000    | Sft  |
| 0430 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 99.000    | Sft  |
| 0440 | _ Riprap, Special, Class II                                      | 8137031 | 907.000   | Ton  |
| 0450 | _ HMA Spillway                                                   | 8147011 | 30.000    | Syd  |
| 0460 | Slope Restoration, Type B                                        | 8160101 | 900.000   | Syd  |
| 0470 | Contractor Staking                                               | 8240001 | 1.000     | LSUM |
| 0480 | Staking Plan Errors and Extras, One Person                       | 8240020 | 9.000     | Hr   |
| 0490 | Staking Plan Errors and Extras, Two Person                       | 8240021 | 4.000     | Hr   |
| 0500 | Staking Plan Errors and Extras, Three Person                     | 8240022 | 6.000     | Hr   |

**Section: 2**

|      |                                            |         |           |      |
|------|--------------------------------------------|---------|-----------|------|
| 0510 | Structures, Rem                            | 2040060 | 1.000     | LSUM |
| 0520 | Backfill, Structure, CIP                   | 2060002 | 930.000   | Cyd  |
| 0530 | Excavation, Fdn                            | 2060010 | 1,790.000 | Cyd  |
| 0540 | _ Dewatering System, Excavation            | 2067050 | 1.000     | Ea   |
| 0550 | Erosion Control, Sand Bag                  | 2080028 | 500.000   | Ea   |
| 0560 | Culv, CI A, 48 inch                        | 4010138 | 150.000   | Ft   |
| 0570 | Culv Bedding, Box Culv                     | 4060005 | 100.000   | Cyd  |
| 0580 | _ Culv, Precast Conc Box, 24 foot x 8 foot | 4067001 | 49.000    | Ft   |
| 0590 | Reinforcement, Steel, Epoxy Coated         | 7060092 | 4,626.000 | Lb   |
| 0600 | Substructure Conc                          | 7060100 | 53.000    | Cyd  |
| 0610 | Joint Waterproofing                        | 7100001 | 155.000   | Sft  |



7/10/2020 9:37 AM

AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 023**Letting Date:** August 7, 2020**Contract ID:** 31031-208438

**Description:** 2.41 mi of hot mix asphalt cold milling and resurfacing, joint repairs, concrete curb and gutter, sidewalk, sidewalk ramps, sewer, drainage structure repairs and pavement markings on M-203 from Anthony Street east to Scallon Street, US-41 southbound from Reservation Street westerly to Scott Street and on M-26 from 8th Street northeasterly to Lakeview Street in the city of Hancock, Houghton County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208438A        | 20A0883                | N/A                 | ST 31031        |

**List of Items by Section**

| Line Num          | Item Description                                 | Item ID | Quantity | Units |
|-------------------|--------------------------------------------------|---------|----------|-------|
| <b>Section: 1</b> |                                                  |         |          |       |
| 0010              | Mobilization, Max \$104,000.00                   | 1500001 | 1.000    | LSUM  |
| 0020              | Sewer, Rem, Less than 24 inch                    | 2030015 | 13.000   | Ft    |
| 0030              | Curb and Gutter, Rem                             | 2040020 | 492.000  | Ft    |
| 0040              | Curb, Rem                                        | 2040021 | 289.000  | Ft    |
| 0050              | Sidewalk, Rem                                    | 2040055 | 721.000  | Syd   |
| 0060              | Excavation, Earth                                | 2050016 | 227.000  | Cyd   |
| 0070              | _ Berm Grading                                   | 2057002 | 3.000    | Sta   |
| 0080              | Erosion Control, Inlet Protection, Fabric Drop   | 2080020 | 31.000   | Ea    |
| 0090              | Aggregate Base, 4 inch                           | 3020010 | 967.000  | Syd   |
| 0100              | Aggregate Surface Cse                            | 3060005 | 4.000    | Cyd   |
| 0110              | Approach, CI II                                  | 3070021 | 20.000   | Ton   |
| 0120              | Shoulder, CI II                                  | 3070121 | 53.000   | Ton   |
| 0130              | Culv End Sect, Metal, 12 inch                    | 4010094 | 3.000    | Ea    |
| 0140              | Sewer, CI A, 12 inch, Tr Det A                   | 4020004 | 13.000   | Ft    |
| 0150              | Video Taping Sewer and Culv Pipe                 | 4021275 | 40.000   | Ft    |
| 0160              | _ Sewer, Class A, 8 inch, Tr Det A, Modified     | 4027001 | 27.000   | Ft    |
| 0170              | Dr Structure Cover, Adj, Case 1                  | 4030005 | 40.000   | Ea    |
| 0180              | Dr Structure Cover, Type D                       | 4030025 | 10.000   | Ea    |
| 0190              | Dr Structure, Tap, 8 inch                        | 4030308 | 2.000    | Ea    |
| 0200              | Dr Structure, Tap, 12 inch                       | 4030312 | 1.000    | Ea    |
| 0210              | _ Dr Structure Repair, Add Depth, Composite Pavt | 4037001 | 15.000   | Ft    |
| 0220              | _ Dr Structure Repair, Add Depth, Flexible Pavt  | 4037001 | 20.000   | Ft    |
| 0230              | _ Dr Structure, Reconstruct                      | 4037001 | 40.000   | Ft    |
| 0240              | _ Dr Structure Cover, ADA Compliant              | 4037050 | 15.000   | Ea    |
| 0250              | _ Dr Structure Repair, Composite Pavt            | 4037050 | 6.000    | Ea    |
| 0260              | _ Dr Structure Repair, Flexible Pavt             | 4037050 | 8.000    | Ea    |

|      |                                                           |         |            |     |
|------|-----------------------------------------------------------|---------|------------|-----|
| 0270 | _ Dr Structure, Repr                                      | 4037050 | 12.000     | Ea  |
| 0280 | Cold Milling HMA Surface                                  | 5010002 | 53,002.000 | Syd |
| 0290 | Bump Grinding                                             | 5010004 | 250.000    | Syd |
| 0300 | HMA Surface, Rem                                          | 5010005 | 354.000    | Syd |
| 0310 | HMA Patch, Rem                                            | 5010006 | 60.000     | Syd |
| 0320 | HMA Quality Initiative                                    | 5010007 | 9,940.000  | Dlr |
| 0330 | Longitudinal Joint Density Quality Initiative             | 5010018 | 38,250.000 | Dlr |
| 0340 | Pavt Joint and Crack Repr, Det 7                          | 5010020 | 380.000    | Ft  |
| 0350 | Pavt Joint and Crack Repr, Det 8                          | 5010021 | 1,280.000  | Ft  |
| 0360 | Hand Patching                                             | 5010025 | 355.000    | Ton |
| 0370 | HMA, 5E3                                                  | 5010057 | 4,358.000  | Ton |
| 0380 | HMA Approach                                              | 5010061 | 257.000    | Ton |
| 0390 | Curb, Conc, Det E4                                        | 8020004 | 310.000    | Ft  |
| 0400 | Curb and Gutter, Conc, Det D2                             | 8020031 | 38.000     | Ft  |
| 0410 | Curb and Gutter, Conc, Det F6                             | 8020040 | 155.000    | Ft  |
| 0420 | _ Curb, Conc, Det E, Special                              | 8027001 | 33.000     | Ft  |
| 0430 | Detectable Warning Surface                                | 8030010 | 227.000    | Ft  |
| 0440 | Curb Ramp Opening, Conc                                   | 8030030 | 698.000    | Ft  |
| 0450 | Sidewalk Ramp, Conc, 6 inch                               | 8030036 | 6,356.000  | Sft |
| 0460 | Sidewalk, Conc, 6 inch                                    | 8030046 | 224.000    | Sft |
| 0470 | _ Detectable Warning Surface, Cast Iron                   | 8037001 | 263.000    | Ft  |
| 0480 | _ Brick Pavers, Rem                                       | 8037010 | 18.000     | Sft |
| 0490 | _ Sidewalk, Brick Pavers on Aggregate and Sand Bed        | 8037010 | 18.000     | Sft |
| 0500 | Post, Steel, 3 lb                                         | 8100371 | 224.000    | Ft  |
| 0510 | Sign, Type III, Erect, Salv                               | 8100402 | 24.000     | Ea  |
| 0520 | Sign, Type III, Rem                                       | 8100403 | 24.000     | Ea  |
| 0530 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk                    | 8110093 | 859.000    | Ft  |
| 0540 | Pavt Mrkg, Polyurea, 12 inch, Crosswalk                   | 8110110 | 416.000    | Ft  |
| 0550 | Pavt Mrkg, Waterborne, 4 inch, White                      | 8110231 | 1,000.000  | Ft  |
| 0560 | Pavt Mrkg, Waterborne, 4 inch, Yellow                     | 8110232 | 7,700.000  | Ft  |
| 0570 | Pavt Mrkg, Waterborne, 6 inch, White                      | 8110233 | 10,200.000 | Ft  |
| 0580 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White     | 8110251 | 1,000.000  | Ft  |
| 0590 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow    | 8110252 | 10,200.000 | Ft  |
| 0600 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White     | 8110253 | 7,700.000  | Ft  |
| 0610 | Witness, Log, \$1,000.00                                  | 8110350 | 1,000.000  | Dlr |
| 0620 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                    | 8110405 | 1.000      | Ea  |
| 0630 | Pavt Mrkg, Polyurea, Only                                 | 8110410 | 2.000      | Ea  |
| 0640 | Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym             | 8110417 | 1.000      | Ea  |
| 0650 | Pavt Mrkg, Polyurea, Thru Arrow Sym                       | 8110418 | 1.000      | Ea  |
| 0660 | Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch, White | 8110420 | 210.000    | Ft  |
| 0670 | Recessing Pavt Mrkg, Longit                               | 8110450 | 18,900.000 | Ft  |
| 0680 | Pedestrian Type II Barricade, Temp                        | 8120026 | 20.000     | Ea  |
| 0690 | Lighted Arrow, Type C, Furn                               | 8120140 | 4.000      | Ea  |
| 0700 | Lighted Arrow, Type C, Oper                               | 8120141 | 4.000      | Ea  |

|      |                                                                 |         |           |      |
|------|-----------------------------------------------------------------|---------|-----------|------|
| 0710 | Ltg for Night Work                                              | 8120160 | 1.000     | LSUM |
| 0720 | Minor Traf Devices                                              | 8120170 | 1.000     | LSUM |
| 0730 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp  | 8120235 | 268.000   | Ft   |
| 0740 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 1,020.000 | Ft   |
| 0750 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp    | 8120245 | 268.000   | Ft   |
| 0760 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp   | 8120246 | 1,020.000 | Ft   |
| 0770 | Plastic Drum, Fluorescent, Furn                                 | 8120252 | 240.000   | Ea   |
| 0780 | Plastic Drum, Fluorescent, Oper                                 | 8120253 | 240.000   | Ea   |
| 0790 | Sign Cover                                                      | 8120310 | 5.000     | Ea   |
| 0800 | Sign, Type B, Temp, Prismatic, Furn                             | 8120350 | 1,939.000 | Sft  |
| 0810 | Sign, Type B, Temp, Prismatic, Oper                             | 8120351 | 1,939.000 | Sft  |
| 0820 | Sign, Type B, Temp, Prismatic, Spec, Furn                       | 8120352 | 50.000    | Sft  |
| 0830 | Sign, Type B, Temp, Prismatic, Spec, Oper                       | 8120353 | 50.000    | Sft  |
| 0840 | Traf Regulator Control                                          | 8120370 | 1.000     | LSUM |
| 0850 | _ HMA Spillway                                                  | 8147011 | 20.000    | Syd  |
| 0860 | Slope Restoration, Type B                                       | 8160101 | 473.000   | Syd  |
| 0870 | Hh, Adj                                                         | 8190244 | 1.000     | Ea   |
| 0880 | Monument Box                                                    | 8210001 | 5.000     | Ea   |
| 0890 | Monument Box Adjust                                             | 8210005 | 5.000     | Ea   |
| 0900 | Monument Preservation                                           | 8210010 | 5.000     | Ea   |
| 0910 | Protect Corners                                                 | 8210020 | 8.000     | Ea   |
| 0920 | Gate Box, Adj, Case 1                                           | 8230431 | 2.000     | Ea   |
| 0930 | Gate Box, Adj, Case 2                                           | 8230432 | 1.000     | Ea   |
| 0940 | Contractor Staking, Road Only                                   | 8240007 | 1.000     | LSUM |
| 0950 | Staking Plan Errors and Extras, One Person                      | 8240020 | 9.000     | Hr   |
| 0960 | Staking Plan Errors and Extras, Two Person                      | 8240021 | 4.000     | Hr   |
| 0970 | Staking Plan Errors and Extras, Three Person                    | 8240022 | 5.000     | Hr   |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 024

**Letting Date:** August 7, 2020

**Contract ID:** 69013-201999

**Description:** 5.58 mi of safety improvements including tree clearing, culvert extensions and slope flattening on I-75 from Marlette Road northerly to I-75 Business Loop in the city of Gaylord, Otsego County.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 201999A        | 20A0887                | N/A                 | HSIP 69013      |

### List of Items by Section

| Line Num          | Item Description                          | Item ID | Quantity   | Units |
|-------------------|-------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                           |         |            |       |
| 0010              | Mobilization, Max \$80,600.00             | 1500001 | 1.000      | LSUM  |
| 0020              | _ Clearing, Special                       | 2017002 | 765.000    | Sta   |
| 0030              | _ Clearing, Special for Job Number 201999 | 2017002 | 6.000      | Sta   |
| 0040              | Culv, End, Rem, Less than 24 inch         | 2030005 | 3.000      | Ea    |
| 0050              | Guardrail, Rem                            | 2040035 | 380.000    | Ft    |
| 0060              | Excavation, Earth                         | 2050016 | 2,840.000  | Cyd   |
| 0070              | _ Embankment, CIP, Special                | 2057021 | 11,980.000 | Cyd   |
| 0080              | Subbase, CIP                              | 3010002 | 800.000    | Cyd   |
| 0090              | Aggregate Base, LM                        | 3020002 | 400.000    | Cyd   |
| 0100              | Shoulder, CI II                           | 3070121 | 110.000    | Ton   |
| 0110              | Culv End Sect, 15 inch                    | 4010015 | 3.000      | Ea    |
| 0120              | Culv, CI A, 15 inch                       | 4010132 | 32.000     | Ft    |
| 0130              | HMA Surface, Rem                          | 5010005 | 20.000     | Syd   |
| 0140              | HMA, 4E3                                  | 5010051 | 320.000    | Ton   |
| 0150              | Delineator Reflector, Red                 | 8100131 | 9.000      | Ea    |
| 0160              | Delineator Reflector, Yellow              | 8100132 | 17.000     | Ea    |
| 0170              | Delineator Reflector, Green               | 8100133 | 8.000      | Ea    |
| 0180              | Delineator, Rem                           | 8100349 | 9.000      | Ea    |
| 0190              | Post, Rigid, Delineator                   | 8100361 | 25.000     | Ea    |
| 0200              | Lighted Arrow, Type C, Furn               | 8120140 | 4.000      | Ea    |
| 0210              | Lighted Arrow, Type C, Oper               | 8120141 | 4.000      | Ea    |
| 0220              | Minor Traf Devices                        | 8120170 | 1.000      | LSUM  |
| 0230              | Plastic Drum, Fluorescent, Furn           | 8120252 | 500.000    | Ea    |
| 0240              | Plastic Drum, Fluorescent, Oper           | 8120253 | 500.000    | Ea    |
| 0250              | Sign Cover                                | 8120310 | 10.000     | Ea    |
| 0260              | Sign, Type B, Temp, Prismatic, Furn       | 8120350 | 1,280.000  | Sft   |
| 0270              | Sign, Type B, Temp, Prismatic, Oper       | 8120351 | 1,280.000  | Sft   |
| 0280              | Traf Regulator Control                    | 8120370 | 1.000      | LSUM  |

|      |                                              |         |            |      |
|------|----------------------------------------------|---------|------------|------|
| 0290 | Slope Restoration, Type A                    | 8160100 | 86,133.000 | Syd  |
| 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   |

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## Schedule of Pay Items

Report v1

**Letting Call:** 200807 025

**Letting Date:** August 7, 2020

**Contract ID:** 08034-210395

**Description:** Traffic signal installation and pavement markings on M-37/M-43 at Walmart Drive, Barry County.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 210395A        | 20A0884                | N/A                 | STG 08034       |

### List of Items by Section

| Line Num          | Item Description                                              | Item ID | Quantity | Units |
|-------------------|---------------------------------------------------------------|---------|----------|-------|
| <b>Section: 1</b> |                                                               |         |          |       |
| 0010              | Mobilization, Max \$16,600.00                                 | 1500001 | 1.000    | LSUM  |
| 0020              | Exploratory Investigation, Vertical                           | 2040080 | 20.000   | Ft    |
| 0030              | Non Haz Contaminated Material Handling and Disposal, LM       | 2050031 | 5.000    | Cyd   |
| 0040              | Erosion Control, Silt Fence                                   | 2080036 | 80.000   | Ft    |
| 0050              | _ Managed Field Ethernet Switch, Fiber Capable                | 8007050 | 1.000    | Ea    |
| 0060              | _ Roadside Unit, Intersection                                 | 8007050 | 1.000    | Ea    |
| 0070              | Post, Steel, 3 lb                                             | 8100371 | 32.000   | Ft    |
| 0080              | Sign, Type III, Erect, Salv                                   | 8100402 | 9.000    | Ea    |
| 0090              | Sign, Type III, Rem                                           | 8100403 | 2.000    | Ea    |
| 0100              | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow | 8110040 | 100.000  | Ft    |
| 0110              | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym               | 8110063 | 2.000    | Ea    |
| 0120              | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym               | 8110071 | 1.000    | Ea    |
| 0130              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                        | 8110114 | 105.000  | Ft    |
| 0140              | Pavt Mrkg, Waterborne, 6 inch, White                          | 8110233 | 300.000  | Ft    |
| 0150              | Pavt Mrkg, Waterborne, 6 inch, Yellow                         | 8110234 | 100.000  | Ft    |
| 0160              | Barricade, Type III, High Intensity, Lighted, Furn            | 8120022 | 2.000    | Ea    |
| 0170              | Barricade, Type III, High Intensity, Lighted, Oper            | 8120023 | 2.000    | Ea    |
| 0180              | Channelizing Device, 42 inch, Fluorescent, Furn               | 8120035 | 100.000  | Ea    |
| 0190              | Channelizing Device, 42 inch, Fluorescent, Oper               | 8120036 | 100.000  | Ea    |
| 0200              | Lighted Arrow, Type C, Furn                                   | 8120140 | 2.000    | Ea    |
| 0210              | Lighted Arrow, Type C, Oper                                   | 8120141 | 2.000    | Ea    |
| 0220              | Minor Traf Devices                                            | 8120170 | 1.000    | LSUM  |
| 0230              | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                  | 8120210 | 450.000  | Ft    |
| 0240              | Sign Cover                                                    | 8120310 | 4.000    | Ea    |
| 0250              | Sign, Portable, Changeable Message, Furn                      | 8120330 | 2.000    | Ea    |
| 0260              | Sign, Portable, Changeable Message, Oper                      | 8120331 | 2.000    | Ea    |
| 0270              | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 550.000  | Sft   |

|      |                                                    |         |           |      |
|------|----------------------------------------------------|---------|-----------|------|
| 0280 | Sign, Type B, Temp, Prismatic, Oper                | 8120351 | 550.000   | Sft  |
| 0290 | _ Slope Restoration, Bonded Fiber Matrix           | 8167011 | 40.000    | Syd  |
| 0300 | Conduit, DB, 1, 1 1/2 inch                         | 8190027 | 40.000    | Ft   |
| 0310 | Conduit, DB, 3, 3 inch                             | 8190035 | 10.000    | Ft   |
| 0320 | Conduit, DB, 4, 3 inch                             | 8190038 | 10.000    | Ft   |
| 0330 | Conduit, Schedule 80 PVC, 1 inch                   | 8190155 | 20.000    | Ft   |
| 0340 | Hh, Polymer Conc                                   | 8190250 | 2.000     | Ea   |
| 0350 | Hh, Round, 3 foot dia                              | 8190259 | 1.000     | Ea   |
| 0360 | Hh, Round                                          | 8190260 | 3.000     | Ea   |
| 0370 | Cable, Sec, 600V, 1, 3/C#6                         | 8190399 | 30.000    | Ft   |
| 0380 | Case Sign (LED), One Way, 24 inch by 30 inch       | 8200029 | 1.000     | Ea   |
| 0390 | Controller Fdn, Base Mount                         | 8200045 | 1.000     | Ea   |
| 0400 | TS, Managed Field Ethernet Switch, Layer 2, Copper | 8200088 | 1.000     | Ea   |
| 0410 | Pedestal, Fdn                                      | 8200105 | 1.000     | Ea   |
| 0420 | Pedestal, Underground Serv, Unmetered              | 8200112 | 1.000     | Ea   |
| 0430 | Power Co. (Est. Cost to Contractor)                | 8200116 | 3,000.000 | Dlr  |
| 0440 | Span Wire                                          | 8200140 | 3.000     | Ea   |
| 0450 | Span Wire Tether                                   | 8200142 | 3.000     | Ea   |
| 0460 | Cabinet, NEMA Type                                 | 8200186 | 1.000     | Ea   |
| 0470 | TS, One Way Span Wire Mtd (LED)                    | 8200313 | 6.000     | Ea   |
| 0480 | Bracket, Truss, With 18 Foot Arm                   | 8200378 | 1.000     | Ea   |
| 0490 | Video Traf Detection System                        | 8200380 | 1.000     | Ea   |
| 0500 | Video Traf Detection Camera                        | 8200381 | 1.000     | Ea   |
| 0510 | Strain Pole, Steel, 6 bolt, 30 foot                | 8200460 | 4.000     | Ea   |
| 0520 | Strain Pole Fdn, 6 Bolt                            | 8200470 | 52.000    | Ft   |
| 0530 | Casing                                             | 8200480 | 38.000    | Ft   |
| 0540 | Cellular Modem, TS, 4G                             | 8200498 | 1.000     | Ea   |
| 0550 | Backplate, TS                                      | 8200501 | 6.000     | Ea   |
| 0560 | _ Controller, NEMA, ATC Type                       | 8207050 | 1.000     | Ea   |
| 0570 | Contractor Staking                                 | 8240001 | 1.000     | LSUM |
| 0580 | Staking Plan Errors and Extras, One Person         | 8240020 | 2.000     | Hr   |
| 0590 | Staking Plan Errors and Extras, Two Person         | 8240021 | 1.000     | Hr   |
| 0600 | Staking Plan Errors and Extras, Three Person       | 8240022 | 1.000     | Hr   |
| 0610 | ITS Grounding, Bonding, and Surge Protection       | 8260020 | 1.000     | LSUM |
| 0620 | Lightning Protection, Pole                         | 8260021 | 1.000     | Ea   |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 026

**Letting Date:** August 7, 2020

**Contract ID:** 25000-207802

**Description:** 0.58 mi of hot mix asphalt reconstruction, concrete sidewalk and ramps, sanitary and storm sewer, signing and pavement marking on Shiawassee Avenue from Bent Oak Street to Adelaide Street in the city of Fenton, Genesee County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207802A        | 20A0808                | N/A                 | STU 25000       |

### List of Items by Section

| Line Num          | Item Description                                        | Item ID | Quantity   | Units |
|-------------------|---------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                         |         |            |       |
| 0010              | _ Audio Video Route Survey                              | 1047051 | 1.000      | LSUM  |
| 0020              | Mobilization, Max \$77,000.00                           | 1500001 | 1.000      | LSUM  |
| 0030              | _ Repair Existing Sewer Main                            | 2037001 | 60.000     | Ft    |
| 0040              | _ Storm Sewer Repair                                    | 2037001 | 40.000     | Ft    |
| 0050              | Curb and Gutter, Rem                                    | 2040020 | 649.000    | Ft    |
| 0060              | _ Driveway, Rem, Modified                               | 2047011 | 50.000     | Syd   |
| 0070              | _ Pavt, Rem, Modified                                   | 2047011 | 14,231.000 | Syd   |
| 0080              | _ Sidewalk, Rem, Modified                               | 2047011 | 176.000    | Syd   |
| 0090              | Embankment, CIP                                         | 2050010 | 84.000     | Cyd   |
| 0100              | Excavation, Earth                                       | 2050016 | 188.000    | Cyd   |
| 0110              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 100.000    | Cyd   |
| 0120              | _ Subgrade Undercutting, 21AA, Modified                 | 2057021 | 50.000     | Cyd   |
| 0130              | _ Subgrade Undercutting, Heavy, Modified                | 2057021 | 50.000     | Cyd   |
| 0140              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 24.000     | Ea    |
| 0150              | Aggregate Base, Conditioning                            | 3020051 | 31.000     | Sta   |
| 0160              | _ Aggregate Base, Modified                              | 3027031 | 650.000    | Ton   |
| 0170              | Maintenance Gravel                                      | 3060020 | 200.000    | Ton   |
| 0180              | Dr Structure Cover, Type K                              | 4030050 | 4.000      | Ea    |
| 0190              | Dr Structure, Tap, 6 inch                               | 4030306 | 1.000      | Ea    |
| 0200              | _ Sanitary Structure Cover, Adj, Case 1                 | 4037050 | 6.000      | Ea    |
| 0210              | _ Structure Cover, Adj, Case 1, Modified                | 4037050 | 28.000     | Ea    |
| 0220              | HMA, 4E3                                                | 5010051 | 1,723.000  | Ton   |
| 0230              | HMA, 5E3                                                | 5010057 | 1,723.000  | Ton   |
| 0240              | Driveway, Nonreinf Conc, 6 inch                         | 8010005 | 20.000     | Syd   |
| 0250              | Curb and Gutter, Conc, Det F4                           | 8020038 | 350.000    | Ft    |
| 0260              | Curb and Gutter, Conc, Det F6                           | 8020040 | 200.000    | Ft    |
| 0270              | Detectable Warning Surface                              | 8030010 | 185.000    | Ft    |

|      |                                                                  |         |           |      |
|------|------------------------------------------------------------------|---------|-----------|------|
| 0280 | Curb Ramp Opening, Conc                                          | 8030030 | 346.000   | Ft   |
| 0290 | Sidewalk Ramp, Conc, 6 inch                                      | 8030036 | 1,095.000 | Sft  |
| 0300 | Sidewalk, Conc, 4 inch                                           | 8030044 | 1,250.000 | Sft  |
| 0310 | Post, Steel, 3 lb                                                | 8100371 | 382.000   | Ft   |
| 0320 | Sign, Type III, Rem                                              | 8100403 | 32.000    | Ea   |
| 0330 | Sign, Type IIIA                                                  | 8100404 | 142.000   | Sft  |
| 0340 | Sign, Type IIIB                                                  | 8100405 | 48.000    | Sft  |
| 0350 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 505.000   | Ft   |
| 0360 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk                 | 8110041 | 320.000   | Ft   |
| 0370 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 107.000   | Ft   |
| 0380 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 9.000     | Ea   |
| 0390 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 185.000   | Ft   |
| 0400 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 5,588.000 | Ft   |
| 0410 | Recessing Pavt Mrkg, Longit                                      | 8110450 | 5,773.000 | Ft   |
| 0420 | Recessing Pavt Mrkg, Transv                                      | 8110451 | 349.000   | Sft  |
| 0430 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 15.000    | Ea   |
| 0440 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 15.000    | Ea   |
| 0450 | Pedestrian Type II Barricade, Temp                               | 8120026 | 10.000    | Ea   |
| 0460 | Minor Traf Devices                                               | 8120170 | 1.000     | LSUM |
| 0470 | Plastic Drum, High Intensity, Furn                               | 8120250 | 100.000   | Ea   |
| 0480 | Plastic Drum, High Intensity, Oper                               | 8120251 | 100.000   | Ea   |
| 0490 | Sign Cover                                                       | 8120310 | 10.000    | Ea   |
| 0500 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 490.000   | Sft  |
| 0510 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 490.000   | Sft  |
| 0520 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 243.000   | Sft  |
| 0530 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 243.000   | Sft  |
| 0540 | Traf Regulator Control                                           | 8120370 | 1.000     | LSUM |
| 0550 | _ Surface Restoration, Seed                                      | 8167011 | 800.000   | Syd  |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 027

**Letting Date:** August 7, 2020

**Contract ID:** 11000-206272

**Description:** 0.20 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and ramps, guardrail and pavement markings on East Empire Avenue from Pipestone Road to the east city limits of Benton Harbor in the city of Benton Harbor, Berrien County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206272A        | 20A0800                | N/A                 | STUL 11000      |

### List of Items by Section

| Line Num          | Item Description                                               | Item ID | Quantity  | Units |
|-------------------|----------------------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                                |         |           |       |
| 0010              | Mobilization, Max \$49,500.00                                  | 1500001 | 1.000     | LSUM  |
| 0020              | Clearing                                                       | 2010001 | 0.250     | Acre  |
| 0030              | Curb and Gutter, Rem                                           | 2040020 | 2,400.000 | Ft    |
| 0040              | Fence, Rem                                                     | 2040025 | 150.000   | Ft    |
| 0050              | Guardrail, Rem                                                 | 2040035 | 800.000   | Ft    |
| 0060              | Pavt, Rem                                                      | 2040050 | 500.000   | Syd   |
| 0070              | Sidewalk, Rem                                                  | 2040055 | 550.000   | Syd   |
| 0080              | Erosion Control, Inlet Protection, Fabric Drop                 | 2080020 | 15.000    | Ea    |
| 0090              | Erosion Control, Silt Fence                                    | 2080036 | 2,300.000 | Ft    |
| 0100              | Erosion Control, Turbidity Curtain, Shallow                    | 2080044 | 200.000   | Ft    |
| 0110              | _ CIPP Sewer Lining, Storm, 12 inch                            | 4027001 | 70.000    | Ft    |
| 0120              | _ CIPP Sewer Lining, Storm, 18 inch                            | 4027001 | 60.000    | Ft    |
| 0130              | Dr Structure Cover, Adj, Case 1                                | 4030005 | 16.000    | Ea    |
| 0140              | _ Dr Structure Cover, Type B, Modified                         | 4037050 | 5.000     | Ea    |
| 0150              | _ Dr Structure Cover, Type K, Modified                         | 4037050 | 10.000    | Ea    |
| 0160              | _ Dr Structure Cover, Type Q, Modified                         | 4037050 | 1.000     | Ea    |
| 0170              | _ Manhole Rehabilitation, Composite Lining, Storm, 60 inch Dia | 4037050 | 8.000     | Ea    |
| 0180              | Cold Milling HMA Surface                                       | 5010002 | 3,200.000 | Syd   |
| 0190              | HMA, 4E1                                                       | 5010050 | 525.000   | Ton   |
| 0200              | HMA, 5E1                                                       | 5010056 | 350.000   | Ton   |
| 0210              | _ Asphalt Interlayer Reinforcement System                      | 5027011 | 3,200.000 | Syd   |
| 0220              | Conc Base Cse, Nonreinf, 6 inch                                | 6020015 | 250.000   | Syd   |
| 0230              | Patching Mortar or Conc                                        | 7120015 | 5.000     | Cyd   |
| 0240              | Conc, Bridge Deck Ovly                                         | 7120023 | 10.000    | Cyd   |
| 0250              | Bridge Deck Surface Construction                               | 7120025 | 150.000   | Syd   |
| 0260              | Flushing Cracks, Water                                         | 7120098 | 100.000   | Ft    |
| 0270              | Structural Crack, Repr                                         | 7120099 | 100.000   | Ft    |

|      |                                                          |         |           |      |
|------|----------------------------------------------------------|---------|-----------|------|
| 0280 | Driveway, Nonreinf Conc, 6 inch                          | 8010005 | 250.000   | Syd  |
| 0290 | _ Curb and Gutter, Conc, Det C4, Modified                | 8027001 | 2,400.000 | Ft   |
| 0300 | Curb Ramp Opening, Conc                                  | 8030030 | 50.000    | Ft   |
| 0310 | Sidewalk Ramp, Conc, 6 inch                              | 8030036 | 300.000   | Sft  |
| 0320 | Sidewalk, Conc, 4 inch                                   | 8030044 | 4,600.000 | Sft  |
| 0330 | _ Detectable Warning Surface, Cast Iron                  | 8037001 | 25.000    | Ft   |
| 0340 | Guardrail, Type MGS-8                                    | 8070004 | 800.000   | Ft   |
| 0350 | Guardrail Anch, Bridge, Det T1                           | 8070022 | 4.000     | Ea   |
| 0360 | Guardrail Approach Terminal, Type 2M                     | 8070044 | 10.000    | Ea   |
| 0370 | _ Mailbox, Salv                                          | 8077050 | 1.000     | Ea   |
| 0380 | Fence, Chain Link, 60 inch                               | 8080012 | 150.000   | Ft   |
| 0390 | Post, Steel, 3 lb                                        | 8100371 | 90.000    | Ft   |
| 0400 | Sign, Type III, Rem                                      | 8100403 | 4.000     | Ea   |
| 0410 | Sign, Type IIIA                                          | 8100404 | 6.000     | Sft  |
| 0420 | Sign, Type IIIB                                          | 8100405 | 46.000    | Sft  |
| 0430 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk         | 8110041 | 200.000   | Ft   |
| 0440 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar          | 8110045 | 15.000    | Ft   |
| 0450 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym          | 8110071 | 1.000     | Ea   |
| 0460 | Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym | 8110076 | 1.000     | Ea   |
| 0470 | Pavt Mrkg, Regular Dry, 4 inch, White                    | 8110125 | 2,000.000 | Ft   |
| 0480 | Pavt Mrkg, Regular Dry, 4 inch, Yellow                   | 8110126 | 100.000   | Ft   |
| 0490 | Barricade, Type III, High Intensity, Lighted, Furn       | 8120022 | 5.000     | Ea   |
| 0500 | Barricade, Type III, High Intensity, Lighted, Oper       | 8120023 | 5.000     | Ea   |
| 0510 | Pedestrian Type II Barricade, Temp                       | 8120026 | 2.000     | Ea   |
| 0520 | Minor Traf Devices                                       | 8120170 | 1.000     | LSUM |
| 0530 | Plastic Drum, High Intensity, Furn                       | 8120250 | 50.000    | Ea   |
| 0540 | Plastic Drum, High Intensity, Oper                       | 8120251 | 50.000    | Ea   |
| 0550 | Sign, Type B, Temp, Prismatic, Furn                      | 8120350 | 410.000   | Sft  |
| 0560 | Sign, Type B, Temp, Prismatic, Oper                      | 8120351 | 410.000   | Sft  |
| 0570 | Traf Regulator Control                                   | 8120370 | 1.000     | LSUM |
| 0580 | Slope Restoration, Type B                                | 8160101 | 1,750.000 | Syd  |
| 0590 | Slope Restoration, Type C                                | 8160102 | 2,000.000 | Syd  |
| 0600 | Gate Box, Adj, Case 1                                    | 8230431 | 1.000     | Ea   |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 028

**Letting Date:** August 7, 2020

**Contract ID:** 82000-203588

**Description:** 0.40 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, sidewalk ramps, guardrail, signing and pavement markings on Oakwood Boulevard from northwest of Harman Street to northwest of I-94 westbound exit ramp. cities of Allen Park, Melvindale, Wayne County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203588A        | 20A0833                | N/A                 | STU 82000       |

### List of Items by Section

| Line Num          | Item Description                               | Item ID | Quantity   | Units |
|-------------------|------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                |         |            |       |
| 0010              | Mobilization, Max \$135,000.00                 | 1500001 | 1.000      | LSUM  |
| 0020              | Clearing                                       | 2010001 | 0.100      | Acre  |
| 0030              | Curb and Gutter, Rem                           | 2040020 | 118.000    | Ft    |
| 0040              | Guardrail, Rem                                 | 2040035 | 415.000    | Ft    |
| 0050              | Pavt, Rem                                      | 2040050 | 2,692.000  | Syd   |
| 0060              | Sidewalk, Rem                                  | 2040055 | 667.000    | Syd   |
| 0070              | _ Misc Pavt, Rem, Patching                     | 2047011 | 600.000    | Syd   |
| 0080              | Excavation, Earth                              | 2050016 | 900.000    | Cyd   |
| 0090              | _ Embankment, CIP, Modified                    | 2057021 | 456.000    | Cyd   |
| 0100              | _ Misc Subgrade Undercutting, Type IV          | 2057021 | 306.000    | Cyd   |
| 0110              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 38.000     | Ea    |
| 0120              | Erosion Control, Maintenance, Sediment Removal | 2080026 | 5.000      | Cyd   |
| 0130              | Erosion Control, Silt Fence                    | 2080036 | 930.000    | Ft    |
| 0140              | Project Cleanup                                | 2090001 | 1.000      | LSUM  |
| 0150              | _ Aggregate Base, 15 inch, Modified            | 3027011 | 3,101.000  | Syd   |
| 0160              | _ Misc Maintenance Aggregate, 21AA             | 3027031 | 50.000     | Ton   |
| 0170              | Geotextile, Stabilization                      | 3080010 | 3,394.000  | Syd   |
| 0180              | Dr Structure, Temp Lowering                    | 4030390 | 30.000     | Ea    |
| 0190              | _ Misc Structure Reconstruct                   | 4037001 | 44.000     | Ft    |
| 0200              | _ Misc Structure Cover, Adj, Furn Cover A      | 4037050 | 2.000      | Ea    |
| 0210              | _ Misc Structure Cover, Adj                    | 4037050 | 48.000     | Ea    |
| 0220              | _ Misc Structure Cover, Adj, Furn Cover S      | 4037050 | 2.000      | Ea    |
| 0230              | _ Misc Underdrain Trench Lining                | 4047001 | 1,117.000  | Ft    |
| 0240              | _ Misc Underdrain, Subgrade, Shallow, 6 inch   | 4047001 | 1,117.000  | Ft    |
| 0250              | Cold Milling HMA Surface                       | 5010002 | 12,614.000 | Syd   |
| 0260              | HMA Surface, Rem                               | 5010005 | 3,047.000  | Syd   |
| 0270              | Pavt for Butt Joints, Rem                      | 5010008 | 117.000    | Syd   |

|      |                                                                  |         |           |     |
|------|------------------------------------------------------------------|---------|-----------|-----|
| 0280 | _ Misc Bit Mixture for Patching, Temp                            | 5017031 | 50.000    | Ton |
| 0290 | _ Misc Conditioning Existing Pavement                            | 5017031 | 268.000   | Ton |
| 0300 | _ Misc HMA, 4E10                                                 | 5017031 | 1,685.000 | Ton |
| 0310 | _ Misc HMA, 5E10                                                 | 5017031 | 1,063.000 | Ton |
| 0320 | _ Misc HMA, Hand Patching                                        | 5017031 | 10.000    | Ton |
| 0330 | _ Misc HMA, Wedge                                                | 5017031 | 86.000    | Ton |
| 0340 | Joint, Contraction, Cp                                           | 6020200 | 1,692.000 | Ft  |
| 0350 | Joint, Expansion, E2                                             | 6020207 | 82.000    | Ft  |
| 0360 | _ Misc Cold Weather Protection, Conc Pavt                        | 6027011 | 3,000.000 | Syd |
| 0370 | _ Misc Conc Pavt, Nonreinf, ISC-3, 10 inch                       | 6027011 | 2,753.000 | Syd |
| 0380 | _ Misc Conc Approach Pavt, Reinf, ISC-3                          | 6027021 | 61.000    | Cyd |
| 0390 | Joint, Contraction, Crg                                          | 6030020 | 143.000   | Ft  |
| 0400 | Joint, Expansion, Erg                                            | 6030021 | 50.000    | Ft  |
| 0410 | Lane Tie, Epoxy Anchored                                         | 6030030 | 332.000   | Ea  |
| 0420 | _ Misc Pavt Repr, Nonreinf Conc, Patching                        | 6037011 | 600.000   | Syd |
| 0430 | _ Misc Conc Curb Cap                                             | 8027001 | 155.000   | Ft  |
| 0440 | _ Misc Conc Curb Cap, Patching                                   | 8027001 | 145.000   | Ft  |
| 0450 | Detectable Warning Surface                                       | 8030010 | 32.000    | Ft  |
| 0460 | Curb Ramp Opening, Conc                                          | 8030030 | 118.000   | Ft  |
| 0470 | Sidewalk Ramp, Conc, 4 inch                                      | 8030034 | 550.000   | Sft |
| 0480 | Sidewalk, Conc, 4 inch                                           | 8030044 | 6,001.000 | Sft |
| 0490 | _ Sidewalk Ramp, Conc, 8 inch                                    | 8037010 | 318.000   | Sft |
| 0500 | Guardrail, Type MGS-8                                            | 8070004 | 95.000    | Ft  |
| 0510 | Guardrail, Curved, Type MGS-8                                    | 8070012 | 50.000    | Ft  |
| 0520 | Guardrail Approach Terminal, Type 2M                             | 8070044 | 3.000     | Ea  |
| 0530 | Guardrail Departing Terminal, Type MGS                           | 8070052 | 2.000     | Ea  |
| 0540 | Guardrail Reflector                                              | 8070080 | 12.000    | Ea  |
| 0550 | Guardrail Anch, Bridge, Det M7                                   | 8070136 | 4.000     | Ea  |
| 0560 | _ Misc Field Office                                              | 8097043 | 4.000     | Mo  |
| 0570 | _ Misc Sign, Type B, Perm                                        | 8107010 | 262.000   | Sft |
| 0580 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 60.000    | Ft  |
| 0590 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow    | 8110040 | 230.000   | Ft  |
| 0600 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk                 | 8110041 | 250.000   | Ft  |
| 0610 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 70.000    | Ft  |
| 0620 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 4.000     | Ea  |
| 0630 | Pavt Mrkg, Ovly Cold Plastic, Only                               | 8110068 | 2.000     | Ea  |
| 0640 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 4.000     | Ea  |
| 0650 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 1,800.000 | Ft  |
| 0660 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 5,000.000 | Ft  |
| 0670 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 450.000   | Ft  |
| 0680 | Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow                    | 8110156 | 200.000   | Ft  |
| 0690 | Pavt Mrkg, Sprayable Thermopl, 8 inch, White                     | 8110157 | 1,000.000 | Ft  |
| 0700 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 5.000     | Ea  |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
| 0710 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 5.000      | Ea   |
| 0720 | Barricade, Type III, High Intensity, Lighted, Furn               | 8120022 | 50.000     | Ea   |
| 0730 | Barricade, Type III, High Intensity, Lighted, Oper               | 8120023 | 50.000     | Ea   |
| 0740 | Pedestrian Type II Barricade, Temp                               | 8120026 | 30.000     | Ea   |
| 0750 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea   |
| 0760 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea   |
| 0770 | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM |
| 0780 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 500.000    | Ft   |
| 0790 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 500.000    | Ft   |
| 0800 | Plastic Drum, High Intensity, Furn                               | 8120250 | 200.000    | Ea   |
| 0810 | Plastic Drum, High Intensity, Oper                               | 8120251 | 200.000    | Ea   |
| 0820 | Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp    | 8120263 | 500.000    | Ft   |
| 0830 | Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp   | 8120264 | 500.000    | Ft   |
| 0840 | Sign Cover                                                       | 8120310 | 4.000      | Ea   |
| 0850 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,162.000  | Sft  |
| 0860 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,162.000  | Sft  |
| 0870 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 175.000    | Sft  |
| 0880 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 175.000    | Sft  |
| 0890 | Traf Regulator Control                                           | 8120370 | 1.000      | LSUM |
| 0900 | Topsoil Surface, Furn, 2 inch                                    | 8160060 | 967.000    | Syd  |
| 0910 | Water, Sodding/Seeding                                           | 8160090 | 31.000     | Unit |
| 0920 | _ Sodding, Modified                                              | 8167011 | 564.000    | Syd  |
| 0930 | Staking Plan Errors and Extras, One Person                       | 8240020 | 15.000     | Hr   |
| 0940 | Staking Plan Errors and Extras, Two Person                       | 8240021 | 10.000     | Hr   |
| 0950 | Staking Plan Errors and Extras, Three Person                     | 8240022 | 10.000     | Hr   |
| 0960 | _ Contractor Staking, Modified                                   | 8247051 | 1.000      | LSUM |
| 0970 | _ Railroad Inspection and Flagging                               | 8507060 | 10,400.000 | Dlr  |
| 0980 | _ Railroad Protection                                            | 8507060 | 5,000.000  | Dlr  |



7/16/2020 8:21 AM

AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 029**Letting Date:** August 7, 2020**Contract ID:** 80000-206263-2

**Description:** 0.01 mi of culvert replacement, cofferdams, hot mix asphalt, concrete curb and gutter, sidewalk, guardrail and pavement markings on Main Street at Payne Creek Crossing in the village of Mattawan, Van Buren County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206263A        | 20A0661                | N/A                 | HIPU 80000      |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity | Units |
|-------------------|------------------------------------------------|---------|----------|-------|
| <b>Section: 1</b> |                                                |         |          |       |
| 0010              | Mobilization, Max \$15,900.00                  | 1500001 | 1.000    | LSUM  |
| 0020              | Culv, Other than Pipe, Rem                     | 2040015 | 1.000    | Ea    |
| 0030              | Curb and Gutter, Rem                           | 2040020 | 53.000   | Ft    |
| 0040              | Guardrail, Rem                                 | 2040035 | 83.000   | Ft    |
| 0050              | Pavt, Rem                                      | 2040050 | 340.000  | Syd   |
| 0060              | Sidewalk, Rem                                  | 2040055 | 6.000    | Syd   |
| 0070              | Excavation, Earth                              | 2050016 | 60.000   | Cyd   |
| 0080              | _ Machine Grading, Modified                    | 2057002 | 1.000    | Sta   |
| 0090              | Backfill, Structure, CIP                       | 2060002 | 200.000  | Cyd   |
| 0100              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 2.000    | Ea    |
| 0110              | Erosion Control, Silt Fence                    | 2080036 | 120.000  | Ft    |
| 0120              | Erosion Control, Turbidity Curtain, Shallow    | 2080044 | 6.000    | Ft    |
| 0130              | Aggregate Base, 10 inch                        | 3020026 | 270.000  | Syd   |
| 0140              | Shoulder, CI II, 8 inch                        | 3070130 | 22.000   | Syd   |
| 0150              | Geotextile, Separator                          | 3080005 | 145.000  | Syd   |
| 0160              | _ Aluminum Box Culvert, 11'4"x5'0"             | 4017050 | 1.000    | Ea    |
| 0170              | Culv Bedding, Box Culv                         | 4060005 | 60.000   | Cyd   |
| 0180              | HMA, LVSP                                      | 5010703 | 86.000   | Ton   |
| 0190              | Conc Pavt, Nonreinf, 12 inch                   | 6020112 | 100.000  | Syd   |
| 0200              | Cofferdams                                     | 7040007 | 1.000    | LSUM  |
| 0210              | Curb and Gutter, Conc, Det C4                  | 8020023 | 32.000   | Ft    |
| 0220              | Sidewalk, Conc, 4 inch                         | 8030044 | 295.000  | Sft   |
| 0230              | Sidewalk, Conc, 6 inch                         | 8030046 | 125.000  | Sft   |
| 0240              | Guardrail, Type T                              | 8070002 | 14.000   | Ft    |
| 0250              | Guardrail, Backed, Det G2                      | 8070016 | 1.000    | Ea    |
| 0260              | Guardrail Approach Terminal, Type 3B           | 8070038 | 1.000    | Ea    |
| 0270              | Guardrail Departing Terminal, Type B           | 8070050 | 1.000    | Ea    |

|      |                                                    |         |         |      |
|------|----------------------------------------------------|---------|---------|------|
| 0280 | Guardrail Reflector                                | 8070080 | 6.000   | Ea   |
| 0290 | Pavt Mrkg, Waterborne, 4 inch, White               | 8110231 | 172.000 | Ft   |
| 0300 | Pavt Mrkg, Waterborne, 4 inch, Yellow              | 8110232 | 200.000 | Ft   |
| 0310 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 8.000   | Ea   |
| 0320 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 8.000   | Ea   |
| 0330 | Minor Traf Devices                                 | 8120170 | 1.000   | LSUM |
| 0340 | Plastic Drum, High Intensity, Furn                 | 8120250 | 50.000  | Ea   |
| 0350 | Plastic Drum, High Intensity, Oper                 | 8120251 | 50.000  | Ea   |
| 0360 | Sign, Type B, Temp, Prismatic, Furn                | 8120350 | 154.000 | Sft  |
| 0370 | Sign, Type B, Temp, Prismatic, Oper                | 8120351 | 154.000 | Sft  |
| 0380 | Slope Restoration, Type A                          | 8160100 | 100.000 | Syd  |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 030

**Letting Date:** August 7, 2020

**Contract ID:** 82000-207452

**Description:** 0.05 mi of concrete sidewalk and ramps, countdown pedestrian signals, rectangular flashing beacons, signing and pavement markings on Chase Road at multiple intersections in the city of Dearborn, Wayne County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207452A        | 20A0855                | N/A                 | HSIP 82000      |

### List of Items by Section

| Line Num          | Item Description                                | Item ID | Quantity | Units |
|-------------------|-------------------------------------------------|---------|----------|-------|
| <b>Section: 1</b> |                                                 |         |          |       |
| 0010              | Mobilization, Max \$10,000.00                   | 1500001 | 1.000    | LSUM  |
| 0020              | Curb and Gutter, Rem                            | 2040020 | 10.000   | Ft    |
| 0030              | Sidewalk, Rem                                   | 2040055 | 58.000   | Syd   |
| 0040              | Exploratory Investigation, Vertical             | 2040080 | 100.000  | Ft    |
| 0050              | Excavation, Earth                               | 2050016 | 5.000    | Cyd   |
| 0060              | Erosion Control, Silt Fence                     | 2080036 | 100.000  | Ft    |
| 0070              | Project Cleanup                                 | 2090001 | 1.000    | LSUM  |
| 0080              | Aggregate Base, 4 inch                          | 3020010 | 22.000   | Syd   |
| 0090              | Hand Patching                                   | 5010025 | 2.000    | Ton   |
| 0100              | Lane Tie, Epoxy Anchored                        | 6030030 | 6.000    | Ea    |
| 0110              | Detectable Warning Surface                      | 8030010 | 10.000   | Ft    |
| 0120              | Curb Ramp Opening, Conc                         | 8030030 | 10.000   | Ft    |
| 0130              | Sidewalk Ramp, Conc, 4 inch                     | 8030034 | 152.000  | Sft   |
| 0140              | Sidewalk, Conc, 4 inch                          | 8030044 | 64.000   | Sft   |
| 0150              | Post Hole Through Conc for Steel Post           | 8100340 | 6.000    | Ea    |
| 0160              | Post, Steel, 3 lb                               | 8100371 | 60.000   | Ft    |
| 0170              | Sign, Type III, Rem                             | 8100403 | 1.000    | Ea    |
| 0180              | Sign, Type IIIB                                 | 8100405 | 25.000   | Sft   |
| 0190              | Pavt Mrkg, Thermopl, 12 inch, Crosswalk         | 8110214 | 84.000   | Ft    |
| 0200              | Pedestrian Type II Barricade, Temp              | 8120026 | 4.000    | Ea    |
| 0210              | Channelizing Device, 42 inch, Fluorescent, Furn | 8120035 | 15.000   | Ea    |
| 0220              | Channelizing Device, 42 inch, Fluorescent, Oper | 8120036 | 15.000   | Ea    |
| 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, Longit, 6 inch or Less Width, Rem    | 8120210 | 60.000   | Ft    |
| 0270              | Plastic Drum, High Intensity, Lighted, Furn     | 8120260 | 80.000   | Ea    |

|      |                                                                    |         |         |      |
|------|--------------------------------------------------------------------|---------|---------|------|
| 0280 | Plastic Drum, High Intensity, Lighted, Oper                        | 8120261 | 80.000  | Ea   |
| 0290 | Sign, Type B, Temp, Prismatic, Furn                                | 8120350 | 544.000 | Sft  |
| 0300 | Sign, Type B, Temp, Prismatic, Oper                                | 8120351 | 544.000 | Sft  |
| 0310 | Fertilizer, Chemical Nutrient, CI A                                | 8160020 | 1.000   | Lb   |
| 0320 | Mulch Blanket                                                      | 8160027 | 22.000  | Syd  |
| 0330 | Seeding, Mixture THM                                               | 8160039 | 1.000   | Lb   |
| 0340 | Topsoil Surface, Salv, 4 inch                                      | 8160077 | 22.000  | Syd  |
| 0350 | Slope Restoration, Type A                                          | 8160100 | 22.000  | Syd  |
| 0360 | Pedestal, Alum                                                     | 8200100 | 7.000   | Ea   |
| 0370 | Pedestal Fdn, Flush                                                | 8200103 | 3.000   | Ea   |
| 0380 | Pedestal, Fdn                                                      | 8200105 | 4.000   | Ea   |
| 0390 | Pushbutton and Sign                                                | 8200121 | 7.000   | Ea   |
| 0400 | TS, Pedestrian, Bracket Arm Mtd, Rem                               | 8200180 | 3.000   | Ea   |
| 0410 | TS, Pedestrian, Pedestal Mtd, Rem                                  | 8200181 | 1.000   | Ea   |
| 0420 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED)<br>Countdown         | 8200339 | 3.000   | Ea   |
| 0430 | TS, Pedestrian, Two Way Pedestal Mtd (LED)<br>Countdown            | 8200347 | 1.000   | Ea   |
| 0440 | _ Flashing Beacon Sign Assembly, Rectangular Rapid,<br>Solar Power | 8207050 | 7.000   | Ea   |
| 0450 | Contractor Staking                                                 | 8240001 | 1.000   | LSUM |
| 0460 | Staking Plan Errors and Extras, One Person                         | 8240020 | 2.000   | Hr   |
| 0470 | Staking Plan Errors and Extras, Two Person                         | 8240021 | 1.000   | Hr   |
| 0480 | Staking Plan Errors and Extras, Three Person                       | 8240022 | 2.000   | Hr   |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 031

**Letting Date:** August 7, 2020

**Contract ID:** 69000-205316

**Description:** 3.20 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate base, drainage and pavement markings on Marlette Road from Sherman Road east to Fantasy Drive, Otsego County. This is a Local Agency project.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205316A        | 20A0820                | N/A                 | STL 69000       |

### List of Items by Section

| Line Num          | Item Description                                  | Item ID | Quantity   | Units |
|-------------------|---------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                   |         |            |       |
| 0010              | Mobilization, Max \$112,100.00                    | 1500001 | 1.000      | LSUM  |
| 0020              | Clearing                                          | 2010001 | 0.080      | Acre  |
| 0030              | Tree, Rem, 6 inch to 18 inch                      | 2020004 | 3.000      | Ea    |
| 0040              | Culv, Rem, Less than 24 inch                      | 2030001 | 4.000      | Ea    |
| 0050              | Culv, Rem, 24 inch to 48 inch                     | 2030002 | 2.000      | Ea    |
| 0060              | Ditch Cleanout                                    | 2050006 | 1.000      | Sta   |
| 0070              | Embankment, CIP                                   | 2050010 | 15,250.000 | Cyd   |
| 0080              | Embankment, LM                                    | 2050011 | 250.000    | Cyd   |
| 0090              | Excavation, Earth                                 | 2050016 | 8,300.000  | Cyd   |
| 0100              | Subgrade Undercutting, Type II                    | 2050041 | 100.000    | Cyd   |
| 0110              | Erosion Control, Silt Fence                       | 2080036 | 2,000.000  | Ft    |
| 0120              | Aggregate Base                                    | 3020001 | 9,050.000  | Ton   |
| 0130              | HMA Base Crushing and Shaping                     | 3050002 | 60,178.000 | Syd   |
| 0140              | Approach, CI II, 3 inch                           | 3070025 | 1,319.000  | Syd   |
| 0150              | Shoulder, CI II, 3 inch                           | 3070125 | 6,909.000  | Syd   |
| 0160              | Trenching                                         | 3070200 | 342.000    | Sta   |
| 0170              | _ Approach, CI II, 3 Inch, Modified (Afton Stone) | 3077011 | 250.000    | Syd   |
| 0180              | Geotextile, Stabilization                         | 3080010 | 100.000    | Syd   |
| 0190              | Culv End Sect, 15 inch                            | 4010015 | 2.000      | Ea    |
| 0200              | Culv, CI E, 15 inch                               | 4010540 | 175.000    | Ft    |
| 0210              | Culv, CI F, 12 inch                               | 4010607 | 738.000    | Ft    |
| 0220              | Culv, CSP Arch, CI A, 63 inch by 43 inch          | 4010750 | 80.000     | Ft    |
| 0230              | Video Taping Sewer and Culv Pipe                  | 4021275 | 175.000    | Ft    |
| 0240              | HMA Surface, Rem                                  | 5010005 | 1,462.000  | Syd   |
| 0250              | HMA, 4E1                                          | 5010050 | 4,653.000  | Ton   |
| 0260              | HMA, 5E1                                          | 5010056 | 4,653.000  | Ton   |
| 0270              | HMA Approach                                      | 5010061 | 564.000    | Ton   |

|      |                                                                 |         |            |      |
|------|-----------------------------------------------------------------|---------|------------|------|
| 0280 | Curb Sloped, HMA                                                | 8050010 | 350.000    | Ft   |
| 0290 | Guardrail, Type B                                               | 8070000 | 213.000    | Ft   |
| 0300 | Guardrail, Curved, Type B                                       | 8070010 | 20.000     | Ft   |
| 0310 | Guardrail Approach Terminal, Type 2M                            | 8070044 | 1.000      | Ea   |
| 0320 | Post, Mailbox                                                   | 8070095 | 31.000     | Ea   |
| 0330 | Post, Steel, 3 lb                                               | 8100371 | 502.000    | Ft   |
| 0340 | Sign, Type I, Erect, Salv                                       | 8100390 | 2.000      | Ea   |
| 0350 | Sign, Type IIB                                                  | 8100399 | 8.000      | Sft  |
| 0360 | Sign, Type III, Rem                                             | 8100403 | 25.000     | Ea   |
| 0370 | Sign, Type IIIA                                                 | 8100404 | 142.000    | Sft  |
| 0380 | Sign, Type IIIB                                                 | 8100405 | 88.000     | Sft  |
| 0390 | Reflective Panel for Permanent Sign Support, 6 foot             | 8100616 | 18.000     | Ea   |
| 0400 | Pavt Mrkg, Waterborne, 4 inch, White                            | 8110231 | 33,856.000 | Ft   |
| 0410 | Pavt Mrkg, Waterborne, 4 inch, Yellow                           | 8110232 | 33,856.000 | Ft   |
| 0420 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White           | 8110251 | 33,856.000 | Ft   |
| 0430 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow          | 8110252 | 33,856.000 | Ft   |
| 0440 | Barricade, Type III, High Intensity, Lighted, Furn              | 8120022 | 2.000      | Ea   |
| 0450 | Barricade, Type III, High Intensity, Lighted, Oper              | 8120023 | 2.000      | Ea   |
| 0460 | Lighted Arrow, Type C, Furn                                     | 8120140 | 2.000      | Ea   |
| 0470 | Lighted Arrow, Type C, Oper                                     | 8120141 | 2.000      | Ea   |
| 0480 | Minor Traf Devices                                              | 8120170 | 1.000      | LSUM |
| 0490 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 950.000    | Ft   |
| 0500 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp   | 8120246 | 950.000    | Ft   |
| 0510 | Plastic Drum, High Intensity, Furn                              | 8120250 | 175.000    | Ea   |
| 0520 | Plastic Drum, High Intensity, Oper                              | 8120251 | 175.000    | Ea   |
| 0530 | Sign, Type B, Temp, Prismatic, Furn                             | 8120350 | 582.000    | Sft  |
| 0540 | Sign, Type B, Temp, Prismatic, Oper                             | 8120351 | 582.000    | Sft  |
| 0550 | Sign, Type B, Temp, Prismatic, Spec, Furn                       | 8120352 | 105.000    | Sft  |
| 0560 | Sign, Type B, Temp, Prismatic, Spec, Oper                       | 8120353 | 105.000    | Sft  |
| 0570 | Traf Regulator Control                                          | 8120370 | 1.000      | LSUM |
| 0580 | Riprap, Plain                                                   | 8130010 | 86.000     | Syd  |
| 0590 | _ HMA Spillway                                                  | 8147011 | 9.000      | Syd  |
| 0600 | Mulch Blanket, High Velocity                                    | 8160028 | 7,500.000  | Syd  |
| 0610 | _ Slope Restoration, Special                                    | 8167011 | 76,155.000 | Syd  |
| 0620 | Monument Box                                                    | 8210001 | 2.000      | Ea   |
| 0630 | Monument Preservation                                           | 8210010 | 2.000      | Ea   |



7/16/2020 8:21 AM

AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 032**Letting Date:** August 7, 2020**Contract ID:** 19000-129975

**Description:** 3.22 mi of hot mix asphalt cold milling and resurfacing, concrete curb repair, sidewalk ramps and pavement markings on various routes in the city of Dewitt, Clinton County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 129975A        | 20A0830                | N/A                 | STU 19000       |
| 129978A        | 20A0831                | N/A                 | STU 19000       |
| 202446A        | N/A                    | N/A                 | MCS 19000       |
| 202448A        | N/A                    | N/A                 | MCS 19000       |
| 205189A        | 20A0805                | N/A                 | TA 19000        |
| 205857A        | 20A0832                | N/A                 | STU 19000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                |         |           |       |
| 0010              | Mobilization, Max \$185,700.00                 | 1500001 | 1.000     | LSUM  |
| 0020              | Clearing                                       | 2010001 | 0.050     | Acre  |
| 0030              | _ Clearing, Modified                           | 2017002 | 2.000     | Sta   |
| 0040              | Culv, Rem, Less than 24 inch                   | 2030001 | 6.000     | Ea    |
| 0050              | Curb and Gutter, Rem                           | 2040020 | 752.000   | Ft    |
| 0060              | Fence, Rem                                     | 2040025 | 12.000    | Ft    |
| 0070              | Pavt, Rem                                      | 2040050 | 2,079.000 | Syd   |
| 0080              | Sidewalk, Rem                                  | 2040055 | 472.000   | Syd   |
| 0090              | Excavation, Earth                              | 2050016 | 746.000   | Cyd   |
| 0100              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 45.000    | Ea    |
| 0110              | Erosion Control, Silt Fence                    | 2080036 | 7,454.000 | Ft    |
| 0120              | Subbase, CIP                                   | 3010002 | 535.000   | Cyd   |
| 0130              | _ Aggregate Base, 8 inch, Modified             | 3027011 | 1,624.000 | Syd   |
| 0140              | _ Shoulder, CI II, Modified                    | 3077031 | 60.000    | Ton   |
| 0150              | Culv, CI F, 12 inch                            | 4010607 | 24.000    | Ft    |
| 0160              | Culv, CI F, 15 inch                            | 4010608 | 49.000    | Ft    |
| 0170              | Sewer, CI A, 6 inch, Tr Det A                  | 4020001 | 4.000     | Ft    |
| 0180              | Sewer, CI A, 12 inch, Tr Det A                 | 4020004 | 1,669.000 | Ft    |
| 0190              | Sewer, CI A, 15 inch, Tr Det A                 | 4020005 | 591.000   | Ft    |
| 0200              | Sewer Bulkhead, 12 inch                        | 4021230 | 1.000     | Ea    |
| 0210              | Sewer Bulkhead, 15 inch                        | 4021231 | 1.000     | Ea    |
| 0220              | Dr Structure Cover, Adj, Case 1                | 4030005 | 3.000     | Ea    |

|      |                                                         |         |            |     |
|------|---------------------------------------------------------|---------|------------|-----|
| 0230 | Dr Structure Cover, Adj, Case 2                         | 4030006 | 2.000      | Ea  |
| 0240 | Dr Structure Cover, Type G                              | 4030040 | 18.000     | Ea  |
| 0250 | Dr Structure Cover, Type K                              | 4030050 | 1.000      | Ea  |
| 0260 | Dr Structure, 24 inch dia                               | 4030200 | 13.000     | Ea  |
| 0270 | Dr Structure, 48 inch dia                               | 4030210 | 1.000      | Ea  |
| 0280 | _ Dr Structure, 36 inch dia                             | 4037050 | 4.000      | Ea  |
| 0290 | Underdrain, Subbase, 4 inch                             | 4040061 | 630.000    | Ft  |
| 0300 | Underdrain Outlet, 4 inch                               | 4040091 | 40.000     | Ft  |
| 0310 | Underdrain, Outlet Ending, 4 inch                       | 4040111 | 4.000      | Ea  |
| 0320 | Cold Milling HMA Surface                                | 5010002 | 38,704.000 | Syd |
| 0330 | HMA Surface, Rem                                        | 5010005 | 1,854.000  | Syd |
| 0340 | Hand Patching                                           | 5010025 | 23.000     | Ton |
| 0350 | HMA, 13A                                                | 5010033 | 5,586.000  | Ton |
| 0360 | HMA Approach                                            | 5010061 | 361.000    | Ton |
| 0370 | Conc Pavt, Bridge Approach, Reinf                       | 6020600 | 73.000     | Syd |
| 0380 | _ Timber Retaining Wall, Special                        | 7097010 | 3,820.000  | Sft |
| 0390 | _ Irrigation System, Sprinkler Head Replacement         | 8007050 | 50.000     | Ea  |
| 0400 | Driveway, Nonreinf Conc, 6 inch                         | 8010005 | 2,456.000  | Syd |
| 0410 | Curb and Gutter, Bridge Approach                        | 8020010 | 91.000     | Ft  |
| 0420 | Curb and Gutter, Conc, Det B2                           | 8020016 | 114.000    | Ft  |
| 0430 | Curb and Gutter, Conc, Det F4                           | 8020038 | 60.000     | Ft  |
| 0440 | Detectable Warning Surface                              | 8030010 | 433.000    | Ft  |
| 0450 | Curb Ramp Opening, Conc                                 | 8030030 | 545.000    | Ft  |
| 0460 | Sidewalk Ramp, Conc, 6 inch                             | 8030036 | 5,983.000  | Sft |
| 0470 | Sidewalk, Conc, 4 inch                                  | 8030044 | 74,930.000 | Sft |
| 0480 | Sidewalk, Conc, 6 inch                                  | 8030046 | 158.000    | Sft |
| 0490 | Shared use Path, Aggregate                              | 8060010 | 512.000    | Ton |
| 0500 | Shared use Path, Conc                                   | 8060020 | 1,532.000  | Syd |
| 0510 | Shared use Path, Grading                                | 8060030 | 1,448.000  | Ft  |
| 0520 | _ Shared Use Path, Grading, Modified                    | 8067001 | 16,657.000 | Ft  |
| 0530 | Guardrail, Type MGS-8                                   | 8070004 | 125.000    | Ft  |
| 0540 | Guardrail Approach Terminal, Type 2B                    | 8070042 | 1.000      | Ea  |
| 0550 | Guardrail Approach Terminal, Type 2M                    | 8070044 | 4.000      | Ea  |
| 0560 | Guardrail Reflector                                     | 8070080 | 26.000     | Ea  |
| 0570 | Post, Mailbox                                           | 8070095 | 65.000     | Ea  |
| 0580 | Guardrail Anch, Bridge, Det M1                          | 8070130 | 4.000      | Ea  |
| 0590 | _ Timber Backing                                        | 8077001 | 523.000    | Ft  |
| 0600 | _ Guardrail Anch, Bridge, Det T3, Modified              | 8077050 | 1.000      | Ea  |
| 0610 | _ Hand Digging Guardrail Post                           | 8077050 | 4.000      | Ea  |
| 0620 | Fence, Moving                                           | 8080120 | 316.000    | Ft  |
| 0630 | _ Fence, Rustic Split Rail                              | 8087001 | 2,490.000  | Ft  |
| 0640 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk         | 8110024 | 2,447.000  | Ft  |
| 0650 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar         | 8110045 | 119.000    | Ft  |
| 0660 | Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike | 8110049 | 10.000     | Ea  |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
| 0670 | Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol                     | 8110079 | 2.000      | Ea   |
| 0680 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 22,164.000 | Ft   |
| 0690 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 21,775.000 | Ft   |
| 0700 | Witness, Log, \$1,000.00                                         | 8110350 | 3,000.000  | Dlr  |
| 0710 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 35.000     | Ea   |
| 0720 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 35.000     | Ea   |
| 0730 | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM |
| 0740 | Plastic Drum, High Intensity, Furn                               | 8120250 | 268.000    | Ea   |
| 0750 | Plastic Drum, High Intensity, Oper                               | 8120251 | 268.000    | Ea   |
| 0760 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,014.000  | Sft  |
| 0770 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,014.000  | Sft  |
| 0780 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 155.000    | Sft  |
| 0790 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 155.000    | Sft  |
| 0800 | Traf Regulator Control                                           | 8120370 | 1.000      | LSUM |
| 0810 | _ Turf Establishment, Performance-No Rye, Special                | 8167011 | 12,896.000 | Syd  |
| 0820 | Conduit, DB, 1, 1 1/2 inch                                       | 8190027 | 121.000    | Ft   |
| 0830 | Conduit, DB, 1, 3 inch                                           | 8190029 | 121.000    | Ft   |
| 0840 | Hh, Round                                                        | 8190260 | 6.000      | Ea   |
| 0850 | Cable, Sec, 600V, 1, 3/C#6                                       | 8190399 | 80.000     | Ft   |
| 0860 | Wood Pole, Cl 4, 40 foot                                         | 8190473 | 1.000      | Ea   |
| 0870 | Conduit, Directional Bore, 2, 4 inch                             | 8190605 | 56.000     | Ft   |
| 0880 | Anchor Guy                                                       | 8200001 | 1.000      | Ea   |
| 0890 | Controller and Cabinet, Digital Type                             | 8200031 | 1.000      | Ea   |
| 0900 | Digital Loop Detector                                            | 8200055 | 1.000      | Ea   |
| 0910 | Pedestal, Alum                                                   | 8200100 | 4.000      | Ea   |
| 0920 | Pedestal, Fdn                                                    | 8200105 | 4.000      | Ea   |
| 0930 | Push Button Station and Sign                                     | 8200128 | 4.000      | Ea   |
| 0940 | Serv Disconnect                                                  | 8200135 | 1.000      | Ea   |
| 0950 | Span Wire                                                        | 8200140 | 1.000      | Ea   |
| 0960 | Traf Loop                                                        | 8200170 | 1.000      | Ea   |
| 0970 | TS, One Way Span Wire Mtd (LED)                                  | 8200313 | 2.000      | Ea   |
| 0980 | TS, Two Way Span Wire Mtd (LED)                                  | 8200322 | 2.000      | Ea   |
| 0990 | TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown             | 8200345 | 4.000      | Ea   |
| 1000 | Strain Pole, Steel, 6 bolt, 30 foot                              | 8200460 | 1.000      | Ea   |
| 1010 | Strain Pole Fdn, 6 Bolt                                          | 8200470 | 18.000     | Ft   |
| 1020 | Casing                                                           | 8200480 | 15.000     | Ft   |
| 1030 | Contractor Staking                                               | 8240001 | 1.000      | LSUM |
| 1040 | Staking Plan Errors and Extras, One Person                       | 8240020 | 20.000     | Hr   |
| 1050 | Staking Plan Errors and Extras, Two Person                       | 8240021 | 8.000      | Hr   |

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**Section: 2**

|      |                                          |         |         |     |
|------|------------------------------------------|---------|---------|-----|
| 1060 | Backfill, Structure, CIP                 | 2060002 | 6.000   | Cyd |
| 1070 | Erosion Control, Turbidity Curtain, Deep | 2080042 | 525.000 | Ft  |

|      |                                     |         |           |     |
|------|-------------------------------------|---------|-----------|-----|
| 1080 | _ HMA Surface, Rem, Modified        | 5017011 | 302.000   | Syd |
| 1090 | Conc, Grade D                       | 7060010 | 16.000    | Cyd |
| 1100 | Expansion Joint Device              | 7060050 | 49.000    | Ft  |
| 1110 | Expansion Joint Device, Cover Plate | 7060051 | 10.000    | Ft  |
| 1120 | Reinforcement, Steel, Epoxy Coated  | 7060092 | 628.000   | Lb  |
| 1130 | _ Joint, Self-Expanding, Up-Turn    | 7067001 | 35.000    | Ft  |
| 1140 | Membrane, Preformed Waterproofing   | 7100008 | 2,762.000 | Sft |
| 1150 | _ Silane Treatment                  | 7107010 | 3,888.000 | Sft |
| 1160 | Hand Chipping, Deep                 | 7120004 | 7.000     | Syd |
| 1170 | Hand Chipping, Other Than Deck      | 7120007 | 382.000   | Cft |
| 1180 | Patch, Forming                      | 7120017 | 2.000     | Sft |
| 1190 | Epoxy Ovly                          | 7120020 | 716.000   | Syd |
| 1200 | Deck Joint, Rem                     | 7120071 | 84.000    | Ft  |
| 1210 | Structural Crack, Repr              | 7120099 | 109.000   | Ft  |
| 1220 | Patching Conc, C-L                  | 7120112 | 4.000     | Cyd |
| 1230 | Embedded Galvanic Anode             | 7120120 | 44.000    | Ea  |
| 1240 | _ Grout Repair                      | 7127001 | 56.000    | Ft  |
| 1250 | _ Hand Chipping, Special            | 7127010 | 2.000     | Sft |
| 1260 | _ Beam Repair, Latex Modified Conc  | 7127020 | 1.000     | Cft |
| 1270 | Riprap, Heavy                       | 8130006 | 118.000   | Ton |
| 1280 | _ Riprap, Under Structures, Heavy   | 8137031 | 721.000   | Ton |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 033**Letting Date:** August 7, 2020**Contract ID:** 28000-132935

**Description:** 0.53 mi of hot mx asphalt base crushing, shaping and resurfacing, concrete curb and gutter and pavement markings on Hammond Road from LaFranier Road to Garfield Road, Grand Traverse County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 132935A        | 20A0827                | N/A                 | STUL 28000      |

**List of Items by Section**

| Line Num          | Item Description                          | Item ID | Quantity   | Units |
|-------------------|-------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                           |         |            |       |
| 0010              | Mobilization, Max \$66,300.00             | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                      | 2040020 | 149.000    | Ft    |
| 0030              | Embankment, CIP                           | 2050010 | 263.000    | Cyd   |
| 0040              | HMA Base Crushing and Shaping             | 3050002 | 13,566.000 | Syd   |
| 0050              | _ HMA Base Crushing and Shaping, Modified | 3057011 | 2,029.000  | Syd   |
| 0060              | Approach, CI II                           | 3070021 | 19.000     | Ton   |
| 0070              | Dr Structure Cover, Adj, Case 1           | 4030005 | 1.000      | Ea    |
| 0080              | Cold Milling HMA Surface                  | 5010002 | 6,261.000  | Syd   |
| 0090              | HMA Surface, Rem                          | 5010005 | 231.000    | Syd   |
| 0100              | Hand Patching                             | 5010025 | 7.000      | Ton   |
| 0110              | HMA, 4E1                                  | 5010050 | 3,170.000  | Ton   |
| 0120              | HMA Approach                              | 5010061 | 46.000     | Ton   |
| 0130              | HMA, 5E1, High Stress                     | 5010514 | 1,705.000  | Ton   |
| 0140              | Curb and Gutter, Conc, Det F4             | 8020038 | 5,378.000  | Ft    |
| 0150              | Driveway Opening, Conc, Det M             | 8020050 | 209.000    | Ft    |
| 0160              | Shoulder Gutter, Conc, Det 1              | 8020055 | 6.000      | Ea    |
| 0170              | Shoulder Gutter, Conc, Det 2              | 8020056 | 2.000      | Ea    |
| 0180              | Shoulder Gutter, Conc, Det 3              | 8020057 | 2.000      | Ea    |
| 0190              | Spillway, Conc                            | 8020075 | 190.000    | Ft    |
| 0200              | Detectable Warning Surface                | 8030010 | 10.000     | Ft    |
| 0210              | Curb Ramp Opening, Conc                   | 8030030 | 30.000     | Ft    |
| 0220              | Sidewalk Ramp, Conc, 4 inch               | 8030034 | 623.000    | Sft   |
| 0230              | Pavt Mrkg, Polyurea, 4 inch, White        | 8110091 | 1,767.000  | Ft    |
| 0240              | Pavt Mrkg, Polyurea, 4 inch, Yellow       | 8110092 | 5,557.000  | Ft    |
| 0250              | Pavt Mrkg, Polyurea, 6 inch, Crosswalk    | 8110093 | 492.000    | Ft    |
| 0260              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar    | 8110114 | 300.000    | Ft    |
| 0270              | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym    | 8110405 | 6.000      | Ea    |

|      |                                                                  |         |           |      |
|------|------------------------------------------------------------------|---------|-----------|------|
| 0280 | Recessing Pavt Mrkg, Longit                                      | 8110450 | 7,324.000 | Ft   |
| 0290 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 10.000    | Ea   |
| 0300 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 10.000    | Ea   |
| 0310 | Lighted Arrow, Type C, Furn                                      | 8120140 | 12.000    | Ea   |
| 0320 | Lighted Arrow, Type C, Oper                                      | 8120141 | 12.000    | Ea   |
| 0330 | Ltg for Night Work                                               | 8120160 | 1.000     | LSUM |
| 0340 | Minor Traf Devices                                               | 8120170 | 1.000     | LSUM |
| 0350 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 450.000   | Ft   |
| 0360 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 450.000   | Ft   |
| 0370 | Plastic Drum, High Intensity, Furn                               | 8120250 | 359.000   | Ea   |
| 0380 | Plastic Drum, High Intensity, Oper                               | 8120251 | 359.000   | Ea   |
| 0390 | Sign Cover                                                       | 8120310 | 5.000     | Ea   |
| 0400 | Sign, Portable, Changeable Message, Furn                         | 8120330 | 2.000     | Ea   |
| 0410 | Sign, Portable, Changeable Message, Oper                         | 8120331 | 2.000     | Ea   |
| 0420 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,012.000 | Sft  |
| 0430 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,012.000 | Sft  |
| 0440 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 167.000   | Sft  |
| 0450 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 167.000   | Sft  |
| 0460 | Traf Regulator Control                                           | 8120370 | 1.000     | LSUM |
| 0470 | Riprap, Plain                                                    | 8130010 | 43.000    | Syd  |
| 0480 | Slope Restoration, Type C                                        | 8160102 | 3,000.000 | Syd  |
| 0490 | Monument Box Adjust                                              | 8210005 | 2.000     | Ea   |
| 0500 | Monument Preservation                                            | 8210010 | 2.000     | Ea   |
| 0510 | Gate Box, Adj, Case 1                                            | 8230431 | 2.000     | Ea   |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 034**Letting Date:** August 7, 2020**Contract ID:** 50000-202413

**Description:** Bridge rehabilitation to include deck patching, epoxy overlay, beam end repairs, remove railing, construct aesthetic parapet railing and widen sidewalk, concrete surface coating, guardrail, approach work and pavement markings on Cass Avenue over the North Branch Clinton River, Macomb County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202413A        | N/A                    | N/A                 | MCS 50000       |
| 210682A        | 20A0849                | N/A                 | TAU 50000       |

**List of Items by Section**

| Line Num          | Item Description                                              | Item ID | Quantity  | Units |
|-------------------|---------------------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                               |         |           |       |
| 0010              | Mobilization, Max \$207,200.00                                | 1500001 | 1.000     | LSUM  |
| 0020              | Guardrail, Rem                                                | 2040035 | 70.000    | Ft    |
| 0030              | Sidewalk, Rem                                                 | 2040055 | 65.000    | Syd   |
| 0040              | _ Pavt, Rem, Modified                                         | 2047011 | 486.000   | Syd   |
| 0050              | _ Station Grading                                             | 2057002 | 1.000     | Sta   |
| 0060              | _ Aggregate Base, 9 inch, Modified                            | 3027011 | 486.000   | Syd   |
| 0070              | Joint, Expansion, E2                                          | 6020207 | 118.000   | Ft    |
| 0080              | Joint, Expansion, E3                                          | 6020208 | 137.000   | Ft    |
| 0090              | _ Conc Pavt, Bridge Approach, Reinf, Modified                 | 6027011 | 486.000   | Syd   |
| 0100              | _ Sidewalk, Conc, 4 inch, Modified                            | 8037010 | 224.000   | Sft   |
| 0110              | Guardrail, Type B                                             | 8070000 | 100.000   | Ft    |
| 0120              | Guardrail Anch, Bridge, Det M3                                | 8070132 | 2.000     | Ea    |
| 0130              | Post, Steel, 3 lb                                             | 8100371 | 108.000   | Ft    |
| 0140              | Pavt Mrkg, Polyurea, 4 inch, White                            | 8110091 | 675.000   | Ft    |
| 0150              | Pavt Mrkg, Polyurea, 4 inch, Yellow                           | 8110092 | 2,122.000 | Ft    |
| 0160              | Barricade, Type III, High Intensity, Lighted, Furn            | 8120022 | 15.000    | Ea    |
| 0170              | Barricade, Type III, High Intensity, Lighted, Oper            | 8120023 | 15.000    | Ea    |
| 0180              | Conc Barrier Ending, Temp, Detail 5, Adj                      | 8120060 | 2.000     | Ea    |
| 0190              | Conc Barrier Ending, Temp, Detail 5, Furn                     | 8120061 | 2.000     | Ea    |
| 0200              | Conc Barrier Ending, Temp, Detail 5, Oper                     | 8120062 | 2.000     | Ea    |
| 0210              | Conc Barrier, Temp, Adj                                       | 8120080 | 400.000   | Ft    |
| 0220              | Conc Barrier, Temp, Furn                                      | 8120081 | 400.000   | Ft    |
| 0230              | Conc Barrier, Temp, Oper                                      | 8120082 | 400.000   | Ft    |
| 0240              | Minor Traf Devices                                            | 8120170 | 1.000     | LSUM  |
| 0250              | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                  | 8120210 | 2,342.000 | Ft    |
| 0260              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 9,160.000 | Ft    |

|      |                                     |         |         |     |
|------|-------------------------------------|---------|---------|-----|
| 0270 | Plastic Drum, High Intensity, Furn  | 8120250 | 100.000 | Ea  |
| 0280 | Plastic Drum, High Intensity, Oper  | 8120251 | 100.000 | Ea  |
| 0290 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 775.000 | Sft |
| 0300 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 775.000 | Sft |
| 0310 | _ Turf Establishment                | 8167011 | 20.000  | Syd |

**Section: 2**

|      |                                                                         |         |            |      |
|------|-------------------------------------------------------------------------|---------|------------|------|
| 0320 | Expansion Joint Device                                                  | 7060050 | 410.000    | Ft   |
| 0330 | Expansion Joint Device, Cover Plate                                     | 7060051 | 75.000     | Ft   |
| 0340 | False Decking                                                           | 7060060 | 3,925.000  | Sft  |
| 0350 | Reinforcement, Steel, Epoxy Coated                                      | 7060092 | 59,217.000 | Lb   |
| 0360 | Superstructure Conc, Form, Finish, and Cure, Night Casting (Str. #6205) | 7060112 | 1.000      | LSUM |
| 0370 | _ Superstructure Conc, Night Casting, Modified                          | 7067021 | 91.000     | Cyd  |
| 0380 | _ Sidewalk Framing                                                      | 7067030 | 22,000.000 | Lb   |
| 0390 | Bearing, Elastomeric, 1 inch                                            | 7070012 | 14,976.000 | Sin  |
| 0400 | Conc Surface Coating (Str. #6205)                                       | 7100010 | 1.000      | LSUM |
| 0410 | Substructure Horizontal Surface Sealer (Str. #6205)                     | 7100030 | 128.000    | Syd  |
| 0420 | _ Silane Treatment                                                      | 7107010 | 1,895.000  | Sft  |
| 0430 | _ Bridge Railing, Aesthetic Parapet Tube, Modified                      | 7117001 | 281.000    | Ft   |
| 0440 | Hand Chipping, Deep                                                     | 7120004 | 820.000    | Syd  |
| 0450 | Hand Chipping, Other Than Deck                                          | 7120007 | 427.000    | Cft  |
| 0460 | Patch, Full Depth                                                       | 7120010 | 21.000     | Cyd  |
| 0470 | Patch, Forming                                                          | 7120017 | 1,143.000  | Sft  |
| 0480 | Epoxy Ovly                                                              | 7120020 | 1,950.000  | Syd  |
| 0490 | Adhesive Anchoring of Horizontal Bar, 3/4 inch                          | 7120028 | 120.000    | Ea   |
| 0500 | Bolt, Adhesive Anchored, 3/4 inch                                       | 7120042 | 12.000     | Ea   |
| 0510 | Structures, Rehabilitation, Rem Portions (Str. #6205)                   | 7120070 | 1.000      | LSUM |
| 0520 | Deck Joint, Rem                                                         | 7120071 | 413.000    | Ft   |
| 0530 | Patching Conc, C-L                                                      | 7120112 | 10.000     | Cyd  |
| 0540 | Embedded Galvanic Anode                                                 | 7120120 | 1,280.000  | Ea   |
| 0550 | _ Flexural Strengthening System with Fiber Reinforced Polymer Sheet     | 7127010 | 20.000     | Sft  |
| 0560 | _ FRP Sidewalk                                                          | 7127010 | 1,592.000  | Sft  |
| 0570 | _ Hand Chipping, Special, Modified                                      | 7127010 | 1,123.000  | Sft  |
| 0580 | _ Beam End Repair, Latex Modified Conc                                  | 7127020 | 448.000    | Cft  |
| 0590 | _ Conc, Deck Surface Repair, Modified                                   | 7127021 | 190.000    | Cyd  |
| 0600 | Structural Steel, Retrofit, Furn, Fab, and Erect                        | 7130071 | 7,997.000  | Lb   |
| 0610 | _ Support, Temp, Special, Type 2                                        | 7137050 | 72.000     | Ea   |
| 0620 | _ Pedestrian Fencing                                                    | 8087001 | 281.000    | Ft   |
| 0630 | Conduit, Schedule 80 PVC, 2 inch, Structure                             | 8190177 | 350.000    | Ft   |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 035**Letting Date:** August 7, 2020**Contract ID:** 11000-206268

**Description:** 0.52 mi of hot mix asphalt pavement removal and resurfacing, culvert replacement, trenching, guardrail and pavement marking on Marquette Woods Road from Roosevelt Road to Cleveland Avenue, Berrien County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206268A        | 20A0824                | N/A                 | STUL 11000      |

**List of Items by Section**

| Line Num          | Item Description                                         | Item ID | Quantity  | Units |
|-------------------|----------------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                          |         |           |       |
| 0010              | Mobilization, Max \$52,300.00                            | 1500001 | 1.000     | LSUM  |
| 0020              | Culv, Rem, Over 48 inch                                  | 2030003 | 1.000     | Ea    |
| 0030              | Culv, End, Rem, Over 48 inch                             | 2030007 | 2.000     | Ea    |
| 0040              | _ Pavt Rem, Modified                                     | 2047011 | 1,085.000 | Syd   |
| 0050              | Embankment, CIP                                          | 2050010 | 800.000   | Cyd   |
| 0060              | Excavation, Earth                                        | 2050016 | 800.000   | Cyd   |
| 0070              | Excavation, Peat                                         | 2050017 | 100.000   | Cyd   |
| 0080              | Subgrade Undercutting, Type II                           | 2050041 | 100.000   | Cyd   |
| 0090              | Aggregate Base, 8 inch                                   | 3020020 | 3,755.000 | Syd   |
| 0100              | Aggregate Surface Cse, 6 inch                            | 3060010 | 42.000    | Syd   |
| 0110              | _ Trenching, Modified                                    | 3077002 | 48.000    | Sta   |
| 0120              | Dr Structure Cover, Adj, Case 1                          | 4030005 | 10.000    | Ea    |
| 0130              | Dr Structure Cover, Adj, Case 2                          | 4030006 | 4.000     | Ea    |
| 0140              | Dr Structure Cover, Type Q                               | 4030065 | 14.000    | Ea    |
| 0150              | Culv Bedding, Box Culv                                   | 4060005 | 60.000    | Cyd   |
| 0160              | _ Culv, Precast Conc Box, 14 Foot x 8 Foot, Erect        | 4067001 | 63.000    | Ft    |
| 0170              | _ Culv, Precast Conc Box, 14 Foot x 8 Foot, Furn and Fab | 4067001 | 63.000    | Ft    |
| 0180              | Pavt for Butt Joints, Rem                                | 5010008 | 645.000   | Syd   |
| 0190              | HMA, 4E1                                                 | 5010050 | 890.000   | Ton   |
| 0200              | HMA, 5E1                                                 | 5010056 | 1,180.000 | Ton   |
| 0210              | HMA Approach                                             | 5010061 | 65.000    | Ton   |
| 0220              | Curb Sloped, HMA                                         | 8050010 | 2,709.000 | Ft    |
| 0230              | Guardrail, Type MGS-8                                    | 8070004 | 175.000   | Ft    |
| 0240              | Guardrail Approach Terminal, Type 2M                     | 8070044 | 3.000     | Ea    |
| 0250              | Guardrail Departing Terminal, Type MGS                   | 8070052 | 1.000     | Ea    |
| 0260              | Guardrail Post, Culv                                     | 8070070 | 4.000     | Ea    |
| 0270              | Guardrail Reflector                                      | 8070080 | 12.000    | Ea    |

|      |                                                    |         |           |      |
|------|----------------------------------------------------|---------|-----------|------|
| 0280 | _ Mailbox Support, Temp                            | 8077050 | 2.000     | Ea   |
| 0290 | _ Mailbox, New                                     | 8077050 | 6.000     | Ea   |
| 0300 | _ Mailbox, Rem                                     | 8077050 | 23.000    | Ea   |
| 0310 | _ Mailbox, Salv                                    | 8077050 | 23.000    | Ea   |
| 0320 | _ Mailbox, Temp                                    | 8077050 | 23.000    | Ea   |
| 0330 | Sign, Type III, Rem                                | 8100403 | 8.000     | Ea   |
| 0340 | Pavt Mrkg, Waterborne, 4 inch, White               | 8110231 | 4,986.000 | Ft   |
| 0350 | Pavt Mrkg, Waterborne, 4 inch, Yellow              | 8110232 | 1,775.000 | Ft   |
| 0360 | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 7.000     | Ea   |
| 0370 | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 7.000     | Ea   |
| 0380 | Channelizing Device, 42 inch, Furn                 | 8120030 | 100.000   | Ea   |
| 0390 | Channelizing Device, 42 inch, Oper                 | 8120031 | 100.000   | Ea   |
| 0400 | Minor Traf Devices                                 | 8120170 | 1.000     | LSUM |
| 0410 | Sign, Type B, Temp, Prismatic, Furn                | 8120350 | 382.000   | Sft  |
| 0420 | Sign, Type B, Temp, Prismatic, Oper                | 8120351 | 382.000   | Sft  |
| 0430 | Riprap, Heavy                                      | 8130005 | 150.000   | Syd  |
| 0440 | _ Slope Restoration, Type B, Modified              | 8167011 | 2,870.000 | Syd  |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 036**Letting Date:** August 7, 2020**Contract ID:** 80141-129859-2

**Description:** 0.41 mi of hot mix asphalt reconstruction, concrete curb and gutter, sanitary sewer and pavement markings on Kalamazoo Street from Oak Street to the west village limits of Bloomingdale in the village of Bloomingdale, Van Buren County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 129859A        | 20A0599                | N/A                 | STL 80141       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                |         |           |       |
| 0010              | Mobilization, Max \$35,300.00                  | 1500001 | 1.000     | LSUM  |
| 0020              | Culv, Rem, Less than 24 inch                   | 2030001 | 2.000     | Ea    |
| 0030              | Culv, End, Rem, Less than 24 inch              | 2030005 | 4.000     | Ea    |
| 0040              | Pavt, Rem                                      | 2040050 | 40.000    | Syd   |
| 0050              | _ Above Ground Video Survey                    | 2047051 | 1.000     | LSUM  |
| 0060              | _ Roadway Grading                              | 2057002 | 22.000    | Sta   |
| 0070              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 6.000     | Ea    |
| 0080              | Erosion Control, Silt Fence                    | 2080036 | 60.000    | Ft    |
| 0090              | Subbase, CIP                                   | 3010002 | 5.000     | Cyd   |
| 0100              | _ Aggregate Base, 8 inch, Mod                  | 3027011 | 1,710.000 | Syd   |
| 0110              | HMA Base Crushing and Shaping                  | 3050002 | 7,325.000 | Syd   |
| 0120              | Approach, CI I, 8 inch                         | 3070010 | 30.000    | Syd   |
| 0130              | Shoulder, CI I, 5 inch                         | 3070107 | 1,140.000 | Syd   |
| 0140              | Culv End Sect, Metal, 12 inch                  | 4010094 | 2.000     | Ea    |
| 0150              | Culv, CI A, 12 inch                            | 4010131 | 30.000    | Ft    |
| 0160              | Dr Structure Cover, Adj, Case 1                | 4030005 | 6.000     | Ea    |
| 0170              | HMA Surface, Rem                               | 5010005 | 960.000   | Syd   |
| 0180              | HMA, 13A                                       | 5010033 | 1,450.000 | Ton   |
| 0190              | HMA, 36A                                       | 5010034 | 970.000   | Ton   |
| 0200              | HMA Approach                                   | 5010061 | 230.000   | Ton   |
| 0210              | _ HMA Spillway                                 | 5017011 | 7.000     | Syd   |
| 0220              | Driveway, Nonreinf Conc, 6 inch                | 8010005 | 70.000    | Syd   |
| 0230              | Curb and Gutter, Conc, Det F4                  | 8020038 | 30.000    | Ft    |
| 0240              | Post, Mailbox                                  | 8070095 | 15.000    | Ea    |
| 0250              | Post, Steel, 3 lb                              | 8100371 | 10.000    | Ft    |
| 0260              | Sign, Type III, Erect, Salv                    | 8100402 | 1.000     | Ea    |
| 0270              | Pavt Mrkg, Thermopl, 18 inch, Stop Bar         | 8110217 | 12.000    | Ft    |

|      |                                                                  |         |           |      |
|------|------------------------------------------------------------------|---------|-----------|------|
| 0280 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 4,280.000 | Ft   |
| 0290 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 4,250.000 | Ft   |
| 0300 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 4,280.000 | Ft   |
| 0310 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 4,250.000 | Ft   |
| 0320 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 7.000     | Ea   |
| 0330 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 7.000     | Ea   |
| 0340 | Minor Traf Devices                                               | 8120170 | 1.000     | LSUM |
| 0350 | Plastic Drum, High Intensity, Furn                               | 8120250 | 60.000    | Ea   |
| 0360 | Plastic Drum, High Intensity, Oper                               | 8120251 | 60.000    | Ea   |
| 0370 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 314.000   | Sft  |
| 0380 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 314.000   | Sft  |
| 0390 | Traf Regulator Control                                           | 8120370 | 1.000     | LSUM |
| 0400 | _ Turf Establishment                                             | 8167011 | 2,050.000 | Syd  |
| 0410 | Monument Box                                                     | 8210001 | 1.000     | Ea   |
| 0420 | Monument Preservation                                            | 8210010 | 1.000     | Ea   |
| 0430 | _ Sanitary Sewer Point Repair                                    | 8257001 | 16.000    | Ft   |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 037**Letting Date:** August 7, 2020**Contract ID:** 63000-202467**Description:** 1.33 mi of hot mix asphalt shared use path, concrete sidewalk and ramps, pedestrian signals and retaining walls on Joslyn Road, Oakland County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202467A        | 20A0810                | N/A                 | TA 63000        |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity   | Units |
|-------------------|------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                |         |            |       |
| 0010              | _ Reimbursed Permit Fees                       | 1077060 | 14,874.000 | Dlr   |
| 0020              | Mobilization, Max \$144,800.00                 | 1500001 | 1.000      | LSUM  |
| 0030              | _ Clearing, Brush                              | 2017002 | 4.000      | Sta   |
| 0040              | Tree, Rem, 19 inch to 36 inch                  | 2020002 | 9.000      | Ea    |
| 0050              | Tree, Rem, 37 inch or Larger                   | 2020003 | 1.000      | Ea    |
| 0060              | Tree, Rem, 6 inch to 18 inch                   | 2020004 | 36.000     | Ea    |
| 0070              | Culv, Rem, Less than 24 inch                   | 2030001 | 10.000     | Ea    |
| 0080              | Curb and Gutter, Rem                           | 2040020 | 883.000    | Ft    |
| 0090              | Fence, Rem                                     | 2040025 | 90.000     | Ft    |
| 0100              | Guardrail, Rem                                 | 2040035 | 19.000     | Ft    |
| 0110              | Pavt, Rem                                      | 2040050 | 1,948.000  | Syd   |
| 0120              | Sidewalk, Rem                                  | 2040055 | 219.000    | Syd   |
| 0130              | _ Station Grading, Boardwalk                   | 2077002 | 2.000      | Sta   |
| 0140              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 40.000     | Ea    |
| 0150              | Erosion Control, Silt Fence                    | 2080036 | 2,000.000  | Ft    |
| 0160              | _ Soil Stabilization System                    | 2087011 | 286.000    | Syd   |
| 0170              | _ Aggregate Base, 21AA, Limestone, 4 inch      | 3027011 | 7,678.000  | Syd   |
| 0180              | _ Aggregate Base, 21AA, Limestone, 6 inch      | 3027011 | 15.000     | Syd   |
| 0190              | _ Aggregate Base, 21AA, Limestone, 8 inch      | 3027011 | 178.000    | Syd   |
| 0200              | _ Shoulder, 9 inch                             | 3077011 | 515.000    | Syd   |
| 0210              | Culv End Sect, 12 inch                         | 4010012 | 3.000      | Ea    |
| 0220              | Culv End Sect, 15 inch                         | 4010015 | 2.000      | Ea    |
| 0230              | Culv End Sect, 18 inch                         | 4010018 | 1.000      | Ea    |
| 0240              | Culv, CI A, 12 inch                            | 4010131 | 630.000    | Ft    |
| 0250              | Culv, CI A, 18 inch                            | 4010133 | 10.000     | Ft    |
| 0260              | _ Culv, CI A, 8 inch                           | 4027001 | 30.000     | Ft    |
| 0270              | Dr Structure Cover, Type K                     | 4030050 | 6.000      | Ea    |
| 0280              | Dr Structure, 48 inch dia                      | 4030210 | 6.000      | Ea    |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
| 0290 | Dr Structure, Cleaning                                           | 4030290 | 71.000     | Ea   |
| 0300 | _ Dr Structure Cover, ADA Compliant                              | 4037050 | 2.000      | Ea   |
| 0310 | _ Structure Cover, Adj                                           | 4037050 | 19.000     | Ea   |
| 0320 | Hand Patching                                                    | 5010025 | 91.000     | Ton  |
| 0330 | _ HMA, Driveway, 3 inch                                          | 5017011 | 1,515.000  | Syd  |
| 0340 | _ HMA, 4 inch                                                    | 5017031 | 109.000    | Ton  |
| 0350 | Conc, Grade P1                                                   | 6020030 | 360.000    | Cyd  |
| 0360 | _ Helical Pile, Additional 7' Section                            | 7057050 | 20.000     | Ea   |
| 0370 | _ Helical Pile, Load Test                                        | 7057050 | 4.000      | Ea   |
| 0380 | _ Steel Helical Pile                                             | 7057050 | 33.000     | Ea   |
| 0390 | _ Subgrade Undercutting, Modified                                | 7067021 | 271.000    | Cyd  |
| 0400 | _ Pressure Treated Boardwalk                                     | 7097001 | 130.000    | Ft   |
| 0410 | _ Wood Safety Rail                                               | 7097001 | 190.000    | Ft   |
| 0420 | _ Modular Block Retaining Wall                                   | 8007010 | 1,246.000  | Sft  |
| 0430 | Curb and Gutter, Conc, Det B2                                    | 8020016 | 152.000    | Ft   |
| 0440 | Curb and Gutter, Conc, Det F6                                    | 8020040 | 287.000    | Ft   |
| 0450 | Driveway Opening, Conc, Det M                                    | 8020050 | 516.000    | Ft   |
| 0460 | Detectable Warning Surface                                       | 8030010 | 424.000    | Ft   |
| 0470 | Curb Ramp Opening, Conc                                          | 8030030 | 526.000    | Ft   |
| 0480 | _ Sidewalk, Ramp, Conc, 6 inch, Modified                         | 8037010 | 2,588.000  | Sft  |
| 0490 | _ Sidewalk, Conc, 4 inch, Modified                               | 8047010 | 47,980.000 | Sft  |
| 0500 | Shared use Path, Grading                                         | 8060030 | 4,197.000  | Ft   |
| 0510 | Shared use Path, HMA                                             | 8060040 | 848.000    | Ton  |
| 0520 | Guardrail Departing Terminal, Type B                             | 8070050 | 2.000      | Ea   |
| 0530 | Post, Steel, 3 lb                                                | 8100371 | 35.000     | Ft   |
| 0540 | Sign, Type III, Rem                                              | 8100403 | 8.000      | Ea   |
| 0550 | Sign, Type IIIA                                                  | 8100404 | 32.000     | Sft  |
| 0560 | Sign, Type IIIB                                                  | 8100405 | 162.000    | Sft  |
| 0570 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000      | Ea   |
| 0580 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 4.000      | Ea   |
| 0590 | Barricade, Type III, High Intensity, Lighted, Furn               | 8120022 | 20.000     | Ea   |
| 0600 | Barricade, Type III, High Intensity, Lighted, Oper               | 8120023 | 20.000     | Ea   |
| 0610 | Pedestrian Type II Barricade, Temp                               | 8120026 | 12.000     | Ea   |
| 0620 | Lighted Arrow, Type C, Furn                                      | 8120140 | 4.000      | Ea   |
| 0630 | Lighted Arrow, Type C, Oper                                      | 8120141 | 4.000      | Ea   |
| 0640 | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM |
| 0650 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 225.000    | Ft   |
| 0660 | Plastic Drum, High Intensity, Furn                               | 8120250 | 25.000     | Ea   |
| 0670 | Plastic Drum, High Intensity, Oper                               | 8120251 | 25.000     | Ea   |
| 0680 | Sign Cover                                                       | 8120310 | 1.000      | Ea   |
| 0690 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 310.000    | Sft  |
| 0700 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 310.000    | Sft  |
| 0710 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 185.000    | Sft  |

|      |                                                            |         |            |      |
|------|------------------------------------------------------------|---------|------------|------|
| 0720 | Sign, Type B, Temp, Prismatic, Spec, Oper                  | 8120353 | 185.000    | Sft  |
| 0730 | Traf Regulator Control                                     | 8120370 | 1.000      | LSUM |
| 0740 | Riprap, Plain                                              | 8130010 | 24.000     | Syd  |
| 0750 | _ Shrub, Replacement                                       | 8157050 | 2.000      | Ea   |
| 0760 | _ Tree, Replacement                                        | 8157050 | 21.000     | Ea   |
| 0770 | _ Site Preparation, Modified                               | 8157051 | 1.000      | LSUM |
| 0780 | Mulch Blanket, High Velocity                               | 8160028 | 220.000    | Syd  |
| 0790 | Sodding                                                    | 8160055 | 1,217.000  | Syd  |
| 0800 | _ Topsoil, Seed, and Mulch, 3 inch                         | 8167011 | 22,298.000 | Syd  |
| 0810 | Conduit, DB, 1, 1 1/4 inch                                 | 8190026 | 55.000     | Ft   |
| 0820 | Conduit, DB, 1, 3 inch                                     | 8190029 | 40.000     | Ft   |
| 0830 | Hh, Round                                                  | 8190260 | 3.000      | Ea   |
| 0840 | Wood Pole, Fit Up, TS Cable Pole                           | 8190501 | 2.000      | Ea   |
| 0850 | Pedestal, Alum                                             | 8200100 | 7.000      | Ea   |
| 0860 | Pedestal, Fdn                                              | 8200105 | 7.000      | Ea   |
| 0870 | Pushbutton and Sign                                        | 8200121 | 8.000      | Ea   |
| 0880 | TS, Pedestrian, Bracket Arm Mtd, Rem                       | 8200180 | 3.000      | Ea   |
| 0890 | TS, Pedestrian, One Way Bracket Arm Mtd (LED)<br>Countdown | 8200336 | 1.000      | Ea   |
| 0900 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED)<br>Countdown | 8200339 | 1.000      | Ea   |
| 0910 | TS, Pedestrian, One Way Pedestal Mtd (LED)<br>Countdown    | 8200345 | 1.000      | Ea   |
| 0920 | _ Flsh Beacon, Rectangular Rapid, Solar Power              | 8207050 | 6.000      | Ea   |
| 0930 | _ Pushbutton Support Post, RCOC                            | 8207050 | 2.000      | Ea   |
| 0940 | Hydrant, Rem                                               | 8230091 | 1.000      | Ea   |
| 0950 | Water Shutoff, Adj, Case 2                                 | 8230422 | 40.000     | Ea   |
| 0960 | _ Fire Hydrant, Modified                                   | 8237050 | 1.000      | Ea   |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 038**Letting Date:** August 7, 2020**Contract ID:** 63000-205949

**Description:** 1.62 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps, guardrail, signing and pavement markings on Auburn Road from Opdyke Road to Churchill Road and from east of Cherryland Road to Adams Road in the city of Auburn Hills, Oakland County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205949A        | 20A0817                | N/A                 | STU 63000       |
| 205985A        | 20A0818                | N/A                 | STU 63000       |

**List of Items by Section**

| Line Num          | Item Description                                        | Item ID | Quantity  | Units |
|-------------------|---------------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                         |         |           |       |
| 0010              | _ Audio Video Route Survey                              | 1077051 | 1.000     | LSUM  |
| 0020              | Mobilization, Max \$510,000.00                          | 1500001 | 1.000     | LSUM  |
| 0030              | Dr Structure, Rem                                       | 2030011 | 7.000     | Ea    |
| 0040              | Sewer, Rem, Less than 24 inch                           | 2030015 | 112.000   | Ft    |
| 0050              | Sewer, Rem, 24 inch to 48 inch                          | 2030016 | 16.000    | Ft    |
| 0060              | Curb and Gutter, Rem                                    | 2040020 | 2,984.000 | Ft    |
| 0070              | Guardrail, Rem                                          | 2040035 | 500.000   | Ft    |
| 0080              | Sidewalk, Rem                                           | 2040055 | 2,527.000 | Syd   |
| 0090              | _ Pavt, Rem, Modified                                   | 2047011 | 5,799.000 | Syd   |
| 0100              | _ Exploratory Excavation                                | 2047050 | 50.000    | Ea    |
| 0110              | Embankment, CIP                                         | 2050010 | 160.000   | Cyd   |
| 0120              | Excavation, Earth                                       | 2050016 | 800.000   | Cyd   |
| 0130              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 250.000   | Cyd   |
| 0140              | _ Subgrade Undercutting, Type II, 1 by 3                | 2057021 | 125.000   | Cyd   |
| 0150              | _ Subgrade Undercutting, Type II, 21AA                  | 2057021 | 250.000   | Cyd   |
| 0160              | Backfill, Structure, CIP                                | 2060002 | 60.000    | Cyd   |
| 0170              | Excavation, Fdn                                         | 2060010 | 60.000    | Cyd   |
| 0180              | _ Erosion Control, Check Dam, Stone, OCWRC              | 2087001 | 30.000    | Ft    |
| 0190              | _ Erosion Control, Silt Fence, OCWRC                    | 2087001 | 1,200.000 | Ft    |
| 0200              | _ Erosion Control, Inlet Protection, Fabric Drop, OCWRC | 2087050 | 70.000    | Ea    |
| 0210              | Project Cleanup                                         | 2090001 | 1.000     | LSUM  |
| 0220              | _ Aggregate Base, 4 inch, Modified                      | 3027011 | 3,728.000 | Syd   |
| 0230              | _ Aggregate Base, 8 inch, Modified                      | 3027011 | 6,616.000 | Syd   |
| 0240              | Maintenance Gravel                                      | 3060020 | 600.000   | Ton   |

|      |                                                      |         |            |     |
|------|------------------------------------------------------|---------|------------|-----|
| 0250 | Sewer, CI IV, 12 inch, Tr Det B                      | 4020987 | 112.000    | Ft  |
| 0260 | Sewer, CI IV, 24 inch, Tr Det B                      | 4020993 | 16.000     | Ft  |
| 0270 | _ Sewer, Sanitary Service Lead, 6 inch, Tr Det B     | 4027001 | 500.000    | Ft  |
| 0280 | Dr Structure Cover, Type B                           | 4030010 | 15.000     | Ea  |
| 0290 | Dr Structure Cover, Type D                           | 4030025 | 10.000     | Ea  |
| 0300 | Dr Structure Cover, Type G                           | 4030040 | 5.000      | Ea  |
| 0310 | Dr Structure Cover, Type K                           | 4030050 | 30.000     | Ea  |
| 0320 | Dr Structure Cover, Type Q                           | 4030065 | 15.000     | Ea  |
| 0330 | Dr Structure, 48 inch dia                            | 4030210 | 7.000      | Ea  |
| 0340 | Dr Structure, Adj, Add Depth                         | 4030280 | 35.000     | Ft  |
| 0350 | _ San Structure Cover, Adj, Case 1                   | 4037050 | 10.000     | Ea  |
| 0360 | _ Stm Structure Cover, Adj, Case 1                   | 4037050 | 30.000     | Ea  |
| 0370 | _ Utl Structure Cover, Adj, Case 1                   | 4037050 | 11.000     | Ea  |
| 0380 | _ Wtr Structure Cover, Adj, Case 1                   | 4037050 | 10.000     | Ea  |
| 0390 | Underdrain, Fdn, 4 inch                              | 4040031 | 32.000     | Ft  |
| 0400 | Underdrain, Subgrade, Open-Graded, 6 inch            | 4040083 | 1,500.000  | Ft  |
| 0410 | Cold Milling HMA Surface                             | 5010002 | 39,286.000 | Syd |
| 0420 | Pavt for Butt Joints, Rem                            | 5010008 | 300.000    | Syd |
| 0430 | Pavt Joint and Crack Repr, Det 7                     | 5010020 | 12,500.000 | Ft  |
| 0440 | Pavt Joint and Crack Repr, Det 8                     | 5010021 | 10,500.000 | Ft  |
| 0450 | Hand Patching                                        | 5010025 | 1,750.000  | Ton |
| 0460 | HMA, 4E3                                             | 5010051 | 1,282.000  | Ton |
| 0470 | HMA, 5E3                                             | 5010057 | 10,536.000 | Ton |
| 0480 | HMA Approach                                         | 5010061 | 207.000    | Ton |
| 0490 | Reinforcement, Steel, Epoxy Coated                   | 7060092 | 456.000    | Lb  |
| 0500 | Substructure Conc                                    | 7060100 | 3.000      | Cyd |
| 0510 | Filler Wall Conc                                     | 7120087 | 5.000      | Cyd |
| 0520 | Driveway, Nonreinf Conc, 6 inch                      | 8010005 | 160.000    | Syd |
| 0530 | _ Driveway with Integral Curb, Nonreinf Conc, 9 inch | 8017011 | 767.000    | Syd |
| 0540 | Curb and Gutter, Conc, Det F6                        | 8020040 | 2,034.000  | Ft  |
| 0550 | Driveway Opening, Conc, Det M                        | 8020050 | 105.000    | Ft  |
| 0560 | Curb Ramp Opening, Conc                              | 8030030 | 117.000    | Ft  |
| 0570 | Sidewalk Ramp, Conc, 6 inch                          | 8030036 | 1,875.000  | Sft |
| 0580 | Sidewalk, Conc, 4 inch                               | 8030044 | 4,984.000  | Sft |
| 0590 | Sidewalk, Conc, 6 inch                               | 8030046 | 675.000    | Sft |
| 0600 | _ Detectable Warning Surface, Modified               | 8037001 | 93.000     | Ft  |
| 0610 | Shared use Path, HMA                                 | 8060040 | 430.000    | Ton |
| 0620 | Guardrail Approach Terminal, Type 2M                 | 8070044 | 8.000      | Ea  |
| 0630 | _ Post Mailbox, Remove and Reset                     | 8077050 | 15.000     | Ea  |
| 0640 | Fence, Chain Link, 60 inch                           | 8080012 | 32.000     | Ft  |
| 0650 | Post, Steel, 3 lb                                    | 8100371 | 140.000    | Ft  |
| 0660 | Sign, Type III, Erect, Salv                          | 8100402 | 10.000     | Ea  |
| 0670 | Pavt Mrkg, Polyurea, 4 inch, White                   | 8110091 | 7,718.000  | Ft  |
| 0680 | Pavt Mrkg, Polyurea, 4 inch, Yellow                  | 8110092 | 21,135.000 | Ft  |
| 0690 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk               | 8110093 | 351.000    | Ft  |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
| 0700 | Pavt Mrkg, Polyurea, 18 inch, Stop Bar                           | 8110113 | 84.000     | Ft   |
| 0710 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                           | 8110405 | 3.000      | Ea   |
| 0720 | Pavt Mrkg, Polyurea, Only                                        | 8110410 | 4.000      | Ea   |
| 0730 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                           | 8110412 | 4.000      | Ea   |
| 0740 | Pavt Mrkg, Polyurea, Thru Arrow Sym                              | 8110418 | 2.000      | Ea   |
| 0750 | Recessing Pavt Mrkg, Longit                                      | 8110450 | 28,853.000 | Ft   |
| 0760 | Recessing Pavt Mrkg, Transv                                      | 8110451 | 746.000    | Sft  |
| 0770 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 100.000    | Ea   |
| 0780 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 100.000    | Ea   |
| 0790 | Pedestrian Type II Barricade, Temp                               | 8120026 | 40.000     | Ea   |
| 0800 | Channelizing Device, 42 inch, Furn                               | 8120030 | 500.000    | Ea   |
| 0810 | Channelizing Device, 42 inch, Oper                               | 8120031 | 500.000    | Ea   |
| 0820 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea   |
| 0830 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea   |
| 0840 | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM |
| 0850 | Pavt Mrkg Cover, Type R, Black                                   | 8120200 | 375.000    | Ft   |
| 0860 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp   | 8120235 | 8,000.000  | Ft   |
| 0870 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 300.000    | Ft   |
| 0880 | Sign Cover                                                       | 8120310 | 50.000     | Ea   |
| 0890 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,035.000  | Sft  |
| 0900 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,035.000  | Sft  |
| 0910 | Sign, Type B, Temp, Prismatic, Spec, Furn                        | 8120352 | 21.000     | Sft  |
| 0920 | Sign, Type B, Temp, Prismatic, Spec, Oper                        | 8120353 | 21.000     | Sft  |
| 0930 | Traf Regulator Control                                           | 8120370 | 1.000      | LSUM |
| 0940 | _ Turf Establishment, Performance                                | 8167011 | 8,200.000  | Syd  |
| 0950 | Monument Box                                                     | 8210001 | 6.000      | Ea   |
| 0960 | Monument Box Adjust                                              | 8210005 | 6.000      | Ea   |
| 0970 | Monument Preservation                                            | 8210010 | 6.000      | Ea   |
| 0980 | _ Sprinkler Line                                                 | 8237001 | 2,500.000  | Ft   |
| 0990 | _ Water Main, DI, 16 inch, Open Cut                              | 8237001 | 1,825.000  | Ft   |
| 1000 | _ Water Main, PVC, 16 inch, Directional Drill                    | 8237001 | 430.000    | Ft   |
| 1010 | _ Water Main, PVC, 16 inch, Open Cut                             | 8237001 | 1,287.000  | Ft   |
| 1020 | _ Water Main, PVC, 16 inch, Pipe Bursting Method                 | 8237001 | 4,148.000  | Ft   |
| 1030 | _ Boring Pit                                                     | 8237050 | 30.000     | Ea   |
| 1040 | _ Connection to Existing Water Main                              | 8237050 | 25.000     | Ea   |
| 1050 | _ Curb Stop and Box, 1 inch                                      | 8237050 | 24.000     | Ea   |
| 1060 | _ Curb Stop and Box, 2 inch                                      | 8237050 | 9.000      | Ea   |
| 1070 | _ Fire Hydrant, AH                                               | 8237050 | 16.000     | Ea   |
| 1080 | _ Gate Valve and Well, 12 inch, AH                               | 8237050 | 5.000      | Ea   |
| 1090 | _ Gate Valve and Well, 16 inch, AH                               | 8237050 | 20.000     | Ea   |
| 1100 | _ Gate Valve and Well, 8 inch, AH                                | 8237050 | 9.000      | Ea   |
| 1110 | _ Gate Well, Rem, AH                                             | 8237050 | 27.000     | Ea   |

|      |                                          |         |        |      |
|------|------------------------------------------|---------|--------|------|
| 1120 | _ Hydrant, Rem, AH                       | 8237050 | 17.000 | Ea   |
| 1130 | _ Irrigation Control Box, Relocate       | 8237050 | 3.000  | Ea   |
| 1140 | _ Irrigation Control Box, Replace        | 8237050 | 3.000  | Ea   |
| 1150 | _ Sprinkler Head, Relocate               | 8237050 | 60.000 | Ea   |
| 1160 | _ Sprinkler Head, Replace                | 8237050 | 60.000 | Ea   |
| 1170 | _ Water Serv, Type K Copper, 1 inch      | 8237050 | 48.000 | Ea   |
| 1180 | _ Water Serv, Type K Copper, 2 inch      | 8237050 | 14.000 | Ea   |
| 1190 | _ Temporary Water Supply System          | 8237051 | 1.000  | LSUM |
| 1200 | _ Water Main, Abandon with Flowable Fill | 8237051 | 1.000  | LSUM |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 039**Letting Date:** August 7, 2020**Contract ID:** 13000-207027

**Description:** 0.93 mi of overband crackfill, roadbed, single chip and fog seal on South Main Street from the south village limit to the north village limit in the village of Tekonsha, Calhoun County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207027A        | 20A0823                | N/A                 | STL 13000       |

**List of Items by Section**

| Line Num          | Item Description                                   | Item ID | Quantity   | Units |
|-------------------|----------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                    |         |            |       |
| 0010              | Mobilization, Max \$9,700.00                       | 1500001 | 1.000      | LSUM  |
| 0020              | Erosion Control, Inlet Protection, Fabric Drop     | 2080020 | 28.000     | Ea    |
| 0030              | Seal, Single Chip                                  | 5050001 | 27,556.000 | Syd   |
| 0040              | _ Seal, Fog                                        | 5067011 | 27,556.000 | Syd   |
| 0050              | Pavt Mrkg, Sprayable Thermopl, 4 inch, White       | 8110153 | 10,200.000 | Ft    |
| 0060              | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow      | 8110154 | 9,800.000  | Ft    |
| 0070              | Pavt Mrkg, Sprayable Thermopl, 12 inch, White      | 8110159 | 890.000    | Ft    |
| 0080              | Witness, Log, \$1,000.00                           | 8110350 | 1.000      | Dlr   |
| 0090              | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 10.000     | Ea    |
| 0100              | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 10.000     | Ea    |
| 0110              | Lighted Arrow, Type B, Furn                        | 8120130 | 2.000      | Ea    |
| 0120              | Lighted Arrow, Type B, Oper                        | 8120131 | 2.000      | Ea    |
| 0130              | Minor Traf Devices                                 | 8120170 | 1.000      | LSUM  |
| 0140              | Plastic Drum, High Intensity, Furn                 | 8120250 | 100.000    | Ea    |
| 0150              | Plastic Drum, High Intensity, Oper                 | 8120251 | 100.000    | Ea    |
| 0160              | Sign, Type B, Temp, Prismatic, Furn                | 8120350 | 1,000.000  | Sft   |
| 0170              | Sign, Type B, Temp, Prismatic, Oper                | 8120351 | 1,000.000  | Sft   |
| 0180              | Traf Regulator Control                             | 8120370 | 1.000      | LSUM  |
| 0190              | _ Overband Crackfill, Roadbed                      | 8507005 | 0.930      | Rbmi  |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 040

**Letting Date:** August 7, 2020

**Contract ID:** 67032-204209

**Description:** 3.62 mi of hot mix asphalt cold milling and overlay with pavement repairs on M-66 from north of 21 Mile Road to the Middle Branch Creek, Osceola and Missaukee Counties.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204209A        | N/A                    | N/A                 | M 67032         |

### List of Items by Section

| Line Num          | Item Description                                              | Item ID | Quantity   | Units |
|-------------------|---------------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                               |         |            |       |
| 0010              | Mobilization, Max \$88,000.00                                 | 1500001 | 1.000      | LSUM  |
| 0020              | Approach, CI II                                               | 3070021 | 200.000    | Ton   |
| 0030              | _ Shoulder, CI II, Modified                                   | 3077031 | 2,402.000  | Ton   |
| 0040              | Cold Milling HMA Surface                                      | 5010002 | 8,321.000  | Syd   |
| 0050              | Bump Grinding                                                 | 5010004 | 200.000    | Syd   |
| 0060              | HMA Quality Initiative                                        | 5010007 | 15,532.000 | Dlr   |
| 0070              | Pavt for Butt Joints, Rem                                     | 5010008 | 414.000    | Syd   |
| 0080              | Longitudinal Joint Density Quality Initiative                 | 5010018 | 25,087.000 | Dlr   |
| 0090              | HMA, 4E3                                                      | 5010051 | 7,628.000  | Ton   |
| 0100              | HMA Approach                                                  | 5010061 | 138.000    | Ton   |
| 0110              | HMA Crack Treatment, Lane                                     | 5020005 | 7.250      | Lnmi  |
| 0120              | Delineator, Reflective Sheeting, 3 inch by 12 inch, White     | 8100145 | 40.000     | Ea    |
| 0130              | Delineator, Rem                                               | 8100349 | 25.000     | Ea    |
| 0140              | Post, Flexible, Delineator                                    | 8100360 | 20.000     | Ea    |
| 0150              | Pavt Mrkg, Waterborne, 4 inch, Yellow                         | 8110232 | 15,527.000 | Ft    |
| 0160              | Pavt Mrkg, Waterborne, 6 inch, White                          | 8110233 | 41,908.000 | Ft    |
| 0170              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow        | 8110252 | 15,527.000 | Ft    |
| 0180              | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White         | 8110253 | 41,908.000 | Ft    |
| 0190              | Channelizing Device, 42 inch, Fluorescent, Furn               | 8120035 | 78.000     | Ea    |
| 0200              | Channelizing Device, 42 inch, Fluorescent, Oper               | 8120036 | 78.000     | Ea    |
| 0210              | Lighted Arrow, Type C, Furn                                   | 8120140 | 2.000      | Ea    |
| 0220              | Lighted Arrow, Type C, Oper                                   | 8120141 | 2.000      | Ea    |
| 0230              | Minor Traf Devices                                            | 8120170 | 1.000      | LSUM  |
| 0240              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 2,392.000  | Ft    |
| 0250              | Sign Cover                                                    | 8120310 | 2.000      | Ea    |
| 0260              | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 420.000    | Sft   |
| 0270              | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 420.000    | Sft   |

|      |                                                |         |            |      |
|------|------------------------------------------------|---------|------------|------|
| 0280 | Traf Regulator Control                         | 8120370 | 1.000      | LSUM |
| 0290 | Monument Box                                   | 8210001 | 3.000      | Ea   |
| 0300 | Monument Box Adjust                            | 8210005 | 2.000      | Ea   |
| 0310 | Monument Preservation                          | 8210010 | 3.000      | Ea   |
| 0320 | Protect Corners                                | 8210020 | 2.000      | Ea   |
| 0330 | Centerline Corrugations, Milled, HMA           | 8220013 | 19,139.000 | Ft   |
| 0340 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 5,948.000  | Ft   |

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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 041**Letting Date:** August 7, 2020**Contract ID:** 60012-208753

**Description:** 27.68 mi of single chip seal with fog seal on M-33 from north of M-32 to north of Ranch House Drive, US-23 from south of M-65 to south of Airport Road, US-23 from south of Lake Shore Drive to north of Lake Shore Drive and on US-23 from south of Everett Road to south of Black River Road, Alcona, Presque Isle and Montmorency Counties. This project includes a 2 year pavement performance warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208753A        | 20A0900                | N/A                 | ST 60012        |

**List of Items by Section**

| Line Num          | Item Description                                       | Item ID | Quantity    | Units |
|-------------------|--------------------------------------------------------|---------|-------------|-------|
| <b>Section: 1</b> |                                                        |         |             |       |
| 0010              | Mobilization, Max \$168,300.00                         | 1500001 | 1.000       | LSUM  |
| 0020              | _ Shoulder, CI II, Modified                            | 3077031 | 3,120.000   | Ton   |
| 0030              | Overband Crack Fill, Lane                              | 5020003 | 58.290      | Lnmi  |
| 0040              | Chip Seal, Single, Warranty                            | 5050040 | 506,278.000 | Syd   |
| 0050              | _ Seal,Fog                                             | 5057011 | 506,278.000 | Syd   |
| 0060              | Pavt Mrkg, Polyurea, Merge Arrow Symbol                | 8110107 | 4.000       | Ea    |
| 0070              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                 | 8110114 | 92.000      | Ft    |
| 0080              | Pavt Mrkg, Waterborne, 4 inch, White                   | 8110231 | 3,920.000   | Ft    |
| 0090              | Pavt Mrkg, Waterborne, 4 inch, Yellow                  | 8110232 | 87,705.000  | Ft    |
| 0100              | Pavt Mrkg, Waterborne, 6 inch, White                   | 8110233 | 293,345.000 | Ft    |
| 0110              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White  | 8110251 | 3,920.000   | Ft    |
| 0120              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 87,705.000  | Ft    |
| 0130              | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White  | 8110253 | 293,345.000 | Ft    |
| 0140              | Rem Spec Mrkg                                          | 8110343 | 1,811.000   | Sft   |
| 0150              | Witness, Log, \$1,000.00                               | 8110350 | 1,000.000   | Dlr   |
| 0160              | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                 | 8110405 | 1.000       | Ea    |
| 0170              | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                 | 8110412 | 3.000       | Ea    |
| 0180              | Protective Ovly, Snowmobile Trail Crossing             | 8110550 | 155.000     | Syd   |
| 0190              | _ Traf Control                                         | 8127051 | 1.000       | LSUM  |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 042**Letting Date:** August 7, 2020**Contract ID:** 82101-210309

**Description:** 96.70 Lnmi of hot mix asphalt crack treatment on various routes in the cities of Dearborn, Detroit, Farmington, Fraser, Livonia, Mt Clemens, Novi, Pontiac, Roseville, Southfield, and Westland, and overband crack fill of 4 carpool parking lots in the cities of Southfield, Redford, Dearborn, and Detroit, Oakland and Wayne Counties. This project includes a 2 year pavement performance warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 210309A        | 20A0895                | N/A                 | NH 82101        |

**List of Items by Section**

| Line Num          | Item Description                                                 | Item ID | Quantity   | Units |
|-------------------|------------------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                                  |         |            |       |
| 0010              | Mobilization, Max \$49,0000.00                                   | 1500001 | 1.000      | LSUM  |
| 0020              | HMA Crack Treatment, Lane                                        | 5020005 | 36.580     | Lnmi  |
| 0030              | HMA Crack Treatment, Lane, Warranty                              | 5020027 | 55.610     | Lnmi  |
| 0040              | HMA Crack Treatment, Ramp, Warranty                              | 5020028 | 4.510      | Lnmi  |
| 0050              | _ Overband Crack Fill, Carpool Parking Lot                       | 5027011 | 26,530.000 | Syd   |
| 0060              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 22.000     | Ea    |
| 0070              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 22.000     | Ea    |
| 0080              | Channelizing Device, 42 inch, Fluorescent, Furn                  | 8120035 | 1,280.000  | Ea    |
| 0090              | Channelizing Device, 42 inch, Fluorescent, Oper                  | 8120036 | 1,280.000  | Ea    |
| 0100              | Lighted Arrow, Type C, Furn                                      | 8120140 | 8.000      | Ea    |
| 0110              | Lighted Arrow, Type C, Oper                                      | 8120141 | 8.000      | Ea    |
| 0120              | Ltg for Night Work                                               | 8120160 | 1.000      | LSUM  |
| 0130              | Minor Traf Devices                                               | 8120170 | 1.000      | LSUM  |
| 0140              | Mobile Attenuator                                                | 8120180 | 2.000      | Ea    |
| 0150              | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 3.000      | Ea    |
| 0160              | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 3.000      | Ea    |
| 0170              | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 574.000    | Sft   |
| 0180              | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 574.000    | Sft   |
| 0190              | Traf Regulator Control                                           | 8120370 | 1.000      | LSUM  |
| 0200              | _ Railroad Protection, at Grade Crossing                         | 8507060 | 9,000.000  | Dlr   |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 043**Letting Date:** August 7, 2020**Contract ID:** 58034-210129-2**Description:** 4.16 mi of full depth concrete pavement repairs, joint replacement and pavement markings on US-23 from School Road to Ida Center Road, Monroe County.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 210129A        | N/A                    | N/A                 | M 58034         |

**List of Items by Section**

| Line Num          | Item Description                                          | Item ID | Quantity   | Units |
|-------------------|-----------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                           |         |            |       |
| 0010              | Mobilization, Max \$56,100.00                             | 1500001 | 1.000      | LSUM  |
| 0020              | Pavt, Rem                                                 | 2040050 | 180.000    | Syd   |
| 0030              | Conc Pavt, Misc, Nonreinf, 12 inch                        | 6020062 | 180.000    | Syd   |
| 0040              | Joint, Contraction, Cp                                    | 6020200 | 1,460.000  | Ft    |
| 0050              | Cement                                                    | 6030005 | 108.000    | Ton   |
| 0060              | Joint, Contraction, Crg                                   | 6030020 | 2,376.000  | Ft    |
| 0070              | Lane Tie, Epoxy Anchored                                  | 6030030 | 2,549.000  | Ea    |
| 0080              | Non-Chloride Accelerator                                  | 6030035 | 1,272.000  | Gal   |
| 0090              | Pavt Repr, Nonreinf Conc, 12 inch                         | 6030052 | 3,261.000  | Syd   |
| 0100              | Pavt Repr, Rem                                            | 6030080 | 3,261.000  | Syd   |
| 0110              | Saw Cut, Intermediate                                     | 6030090 | 3,194.000  | Ft    |
| 0120              | Pavt Mrkg, Sprayable Thermopl, 4 inch, White              | 8110153 | 10,000.000 | Ft    |
| 0130              | Pavt Mrkg, Sprayable Thermopl, 6 inch, White              | 8110155 | 40,000.000 | Ft    |
| 0140              | Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow             | 8110156 | 40,000.000 | Ft    |
| 0150              | Rem Curing Compound, for Longit Mrkg, 4 inch              | 8110307 | 386.000    | Ft    |
| 0160              | Rem Curing Compound, for Longit Mrkg, 6 inch              | 8110308 | 1,542.000  | Ft    |
| 0170              | Witness, Log, \$1,000.00                                  | 8110350 | 1,000.000  | Dlr   |
| 0180              | Lighted Arrow, Type C, Furn                               | 8120140 | 2.000      | Ea    |
| 0190              | Lighted Arrow, Type C, Oper                               | 8120141 | 2.000      | Ea    |
| 0200              | Lighted Arrow, Type C, Standby                            | 8120142 | 1.000      | Ea    |
| 0210              | Ltg for Night Work                                        | 8120160 | 1.000      | LSUM  |
| 0220              | Minor Traf Devices                                        | 8120170 | 1.000      | LSUM  |
| 0230              | Mobile Attenuator                                         | 8120180 | 1.000      | Ea    |
| 0240              | Plastic Drum, Fluorescent, Furn                           | 8120252 | 800.000    | Ea    |
| 0250              | Plastic Drum, Fluorescent, Oper                           | 8120253 | 800.000    | Ea    |
| 0260              | Sign Cover                                                | 8120310 | 10.000     | Ea    |
| 0270              | Sign Cover, Type 1                                        | 8120320 | 2.000      | 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 A, Temp, Prismatic, Furn                       | 8120340 | 144.000   | Sft  |
| 0310 | Sign, Type A, Temp, Prismatic, Oper                       | 8120341 | 144.000   | Sft  |
| 0320 | Sign, Type B, Temp, Prismatic, Furn                       | 8120350 | 1,260.000 | Sft  |
| 0330 | Sign, Type B, Temp, Prismatic, Oper                       | 8120351 | 1,260.000 | Sft  |
| 0340 | Temp Rumble Strips (Orange)                               | 8122030 | 1,350.000 | Ft   |
| 0350 | Contractor Staking, Road Only                             | 8240007 | 1.000     | LSUM |
| 0360 | Staking Plan Errors and Extras, One Person                | 8240020 | 5.000     | Hr   |
| 0370 | Staking Plan Errors and Extras, Two Person                | 8240021 | 2.000     | Hr   |
| 0380 | Staking Plan Errors and Extras, Three Person              | 8240022 | 3.000     | Hr   |

## Schedule of Pay Items

Report v1

**Letting Call:** 200807 044

**Letting Date:** August 7, 2020

**Contract ID:** 71031-208802

**Description:** 0.53 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk ramps and pavement markings on M-33 from south of Huron Street to south of M-68 and on M-211 from north of M-68 to north of Cedar Street in the city of Onaway, Presque Isle County. This project includes a 3 year materials and workmanship pavement warranty.

### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208802A        | 20A0897                | N/A                 | ST 71031        |

### List of Items by Section

| Line Num          | Item Description                                       | Item ID | Quantity   | Units |
|-------------------|--------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                        |         |            |       |
| 0010              | Mobilization, Max \$23,700.00                          | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                                   | 2040020 | 253.000    | Ft    |
| 0030              | Sidewalk, Rem                                          | 2040055 | 118.000    | Syd   |
| 0040              | Embankment, CIP                                        | 2050010 | 9.000      | Cyd   |
| 0050              | Excavation, Earth                                      | 2050016 | 18.000     | Cyd   |
| 0060              | Erosion Control, Inlet Protection, Fabric Drop         | 2080020 | 5.000      | Ea    |
| 0070              | Subbase, CIP                                           | 3010002 | 18.000     | Cyd   |
| 0080              | Aggregate Base                                         | 3020001 | 44.000     | Ton   |
| 0090              | Dr Structure Cover, Adj, Case 1                        | 4030005 | 2.000      | Ea    |
| 0100              | Dr Structure Cover, Type K                             | 4030050 | 2.000      | Ea    |
| 0110              | Cold Milling HMA Surface                               | 5010002 | 16,279.000 | Syd   |
| 0120              | HMA Surface, Rem                                       | 5010005 | 66.000     | Syd   |
| 0130              | HMA Quality Initiative                                 | 5010007 | 2,986.000  | Dlr   |
| 0140              | Longitudinal Joint Density Quality Initiative          | 5010018 | 8,427.000  | Dlr   |
| 0150              | Hand Patching                                          | 5010025 | 30.000     | Ton   |
| 0160              | HMA Approach                                           | 5010061 | 165.000    | Ton   |
| 0170              | HMA, LVSP                                              | 5010703 | 1,298.000  | Ton   |
| 0180              | Curb and Gutter, Conc, Det F4                          | 8020038 | 154.000    | Ft    |
| 0190              | Detectable Warning Surface                             | 8030010 | 93.000     | Ft    |
| 0200              | Curb Ramp Opening, Conc                                | 8030030 | 102.000    | Ft    |
| 0210              | Sidewalk Ramp, Conc, 6 inch                            | 8030036 | 1,133.000  | Sft   |
| 0220              | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk       | 8110041 | 136.000    | Ft    |
| 0230              | Pavt Mrkg, Ovly Cold Plastic, School                   | 8110074 | 1.000      | Ea    |
| 0240              | Pavt Mrkg, Regular Dry, 4 inch, White                  | 8110125 | 239.000    | Ft    |
| 0250              | Pavt Mrkg, Regular Dry, 4 inch, Yellow                 | 8110126 | 2,809.000  | Ft    |
| 0260              | Pavt Mrkg, Regular Dry, 6 inch, White                  | 8110127 | 5,618.000  | Ft    |
| 0270              | Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White | 8110133 | 239.000    | Ft    |

|      |                                                               |         |           |      |
|------|---------------------------------------------------------------|---------|-----------|------|
| 0280 | Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow       | 8110134 | 2,809.000 | Ft   |
| 0290 | Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White        | 8110135 | 5,618.000 | Ft   |
| 0300 | Pedestrian Type II Barricade, Temp                            | 8120026 | 10.000    | Ea   |
| 0310 | Channelizing Device, 42 inch, Fluorescent, Furn               | 8120035 | 60.000    | Ea   |
| 0320 | Channelizing Device, 42 inch, Fluorescent, Oper               | 8120036 | 60.000    | Ea   |
| 0330 | Lighted Arrow, Type C, Furn                                   | 8120140 | 4.000     | Ea   |
| 0340 | Lighted Arrow, Type C, Oper                                   | 8120141 | 4.000     | Ea   |
| 0350 | Minor Traf Devices                                            | 8120170 | 1.000     | LSUM |
| 0360 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 448.000   | Ft   |
| 0370 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 1,312.000 | Sft  |
| 0380 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 1,312.000 | Sft  |
| 0390 | Traf Regulator Control                                        | 8120370 | 1.000     | LSUM |
| 0400 | Slope Restoration, Type A                                     | 8160100 | 15.000    | Syd  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 045**Letting Date:** August 7, 2020**Contract ID:** 81075-204781

**Description:** Install truck over height warning systems and install a queue warning, stopped traffic advisory system on US-23 northbound at Warren Road, US-127 at I-94 and M-14 eastbound west of Huron River/Barton Drive in the cities of Jackson and Ann Arbor, Jackson and Washtenaw Counties.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204781A        | 20A0890                | N/A                 | NH 81075        |
| 204793A        | 20A0891                | N/A                 | NH 38103        |
| 204901A        | 20A0899                | N/A                 | NH 81105        |

**List of Items by Section**

| Line Num          | Item Description                                   | Item ID | Quantity  | Units |
|-------------------|----------------------------------------------------|---------|-----------|-------|
| <b>Section: 1</b> |                                                    |         |           |       |
| 0010              | Mobilization, Max \$230,600.00                     | 1500001 | 1.000     | LSUM  |
| 0020              | Clearing                                           | 2010001 | 0.900     | Acre  |
| 0030              | Guardrail, Rem                                     | 2040035 | 81.000    | Ft    |
| 0040              | Masonry and Conc Structure, Rem                    | 2040045 | 1.000     | Cyd   |
| 0050              | Exploratory Investigation, Vertical                | 2040080 | 25.000    | Ft    |
| 0060              | Embankment, CIP                                    | 2050010 | 18.000    | Cyd   |
| 0070              | Embankment, LM                                     | 2050011 | 5.000     | Cyd   |
| 0080              | Excavation, Earth                                  | 2050016 | 127.000   | Cyd   |
| 0090              | Erosion Control, Check Dam, Stone                  | 2080012 | 40.000    | Ft    |
| 0100              | Erosion Control, Sediment Trap                     | 2080034 | 2.000     | Ea    |
| 0110              | Erosion Control, Silt Fence                        | 2080036 | 2,455.000 | Ft    |
| 0120              | Project Cleanup                                    | 2090001 | 1.000     | LSUM  |
| 0130              | Shoulder, CI II, 6 inch                            | 3070128 | 874.000   | Syd   |
| 0140              | Underdrain Outlet, 4 inch                          | 4040091 | 50.000    | Ft    |
| 0150              | Underdrain Outlet, 6 inch                          | 4040093 | 50.000    | Ft    |
| 0160              | Underdrain, Outlet Ending, 4 inch                  | 4040111 | 5.000     | Ea    |
| 0170              | Underdrain, Outlet Ending, 6 inch                  | 4040113 | 5.000     | Ea    |
| 0180              | Temp Casing-Left in Place                          | 7180121 | 124.000   | Ft    |
| 0190              | Dynamic Message Sign, Fdn                          | 7180200 | 136.000   | Ft    |
| 0200              | _ Antenna Support, Install on Dynamic Message Sign | 8007050 | 1.000     | Ea    |
| 0210              | _ Cabinet Modifications                            | 8007050 | 2.000     | Ea    |
| 0220              | _ Cellular Modem, 4G                               | 8007050 | 12.000    | Ea    |
| 0230              | _ Dynamic Message Sign, Amber, 66 mm, 27 by 125    | 8007050 | 4.000     | Ea    |
| 0240              | _ Hh, Clean                                        | 8007050 | 1.000     | Ea    |
| 0250              | _ I/O Ethernet Contact Closure                     | 8007050 | 1.000     | Ea    |

|      |                                                           |         |            |      |
|------|-----------------------------------------------------------|---------|------------|------|
| 0260 | _ Power Distribution Unit                                 | 8007050 | 13.000     | Ea   |
| 0270 | _ Rack-Mtd Step-Down Transformer, 15kVA                   | 8007050 | 1.000      | Ea   |
| 0280 | _ System Integration and Testing, Over Height Vehicle     | 8007050 | 2.000      | Ea   |
| 0290 | _ Vehicle Detection System, Over Height Vehicle           | 8007050 | 2.000      | Ea   |
| 0300 | _ Wireless Link, 5.8 GHz, AP                              | 8007050 | 1.000      | Ea   |
| 0310 | _ Wireless Link, 5.8 GHz, SU                              | 8007050 | 2.000      | Ea   |
| 0320 | _ Ancillary Conduit Infrastructure                        | 8007051 | 1.000      | LSUM |
| 0330 | _ Integration, Advanced Traf Management System Software   | 8007051 | 1.000      | LSUM |
| 0340 | Guardrail, Type MGS-8                                     | 8070004 | 1,076.000  | Ft   |
| 0350 | Guardrail Approach Terminal, Type 2M                      | 8070044 | 4.000      | Ea   |
| 0360 | Guardrail Departing Terminal, Type MGS                    | 8070052 | 3.000      | Ea   |
| 0370 | Guardrail Reflector                                       | 8070080 | 24.000     | Ea   |
| 0380 | Guardrail, Reconst, Type T                                | 8070109 | 75.000     | Ft   |
| 0390 | Column, Breakaway, W8 x 13                                | 8100120 | 4.000      | Ea   |
| 0400 | Fdn, Breakaway, W8 x 13                                   | 8100160 | 4.000      | Ea   |
| 0410 | Fdn, Wood Support, Rem                                    | 8100280 | 2.000      | Ea   |
| 0420 | Post, Wood, 4 inch by 6 inch                              | 8100380 | 64.000     | Ft   |
| 0430 | Sign, Type IB                                             | 8100393 | 120.000    | Sft  |
| 0440 | Sign, Type II, Erect, Salv                                | 8100396 | 1.000      | Ea   |
| 0450 | Sign, Type II, Rem                                        | 8100397 | 1.000      | Ea   |
| 0460 | Sign, Type VB                                             | 8100425 | 16.000     | Sft  |
| 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 | Mobile Attenuator                                         | 8120180 | 2.000      | Ea   |
| 0510 | Plastic Drum, Fluorescent, Furn                           | 8120252 | 100.000    | Ea   |
| 0520 | Plastic Drum, Fluorescent, Oper                           | 8120253 | 100.000    | Ea   |
| 0530 | Sign Cover                                                | 8120310 | 10.000     | Ea   |
| 0540 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 2.000      | Ea   |
| 0550 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 2.000      | Ea   |
| 0560 | Sign, Type B, Temp, Prismatic, Furn                       | 8120350 | 1,260.000  | Sft  |
| 0570 | Sign, Type B, Temp, Prismatic, Oper                       | 8120351 | 1,260.000  | Sft  |
| 0580 | _ Slope Restoration, Bonded Fiber Matrix                  | 8167011 | 10,934.000 | Syd  |
| 0590 | Conduit, DB, 1, 3 inch                                    | 8190029 | 1,585.000  | Ft   |
| 0600 | Conduit, DB, 2, 3 inch                                    | 8190032 | 515.000    | Ft   |
| 0610 | Conduit, DB, 4, 3 inch                                    | 8190038 | 270.000    | Ft   |
| 0620 | DB Cable, in Conduit, 600V, 1/C#2                         | 8190201 | 12,590.000 | Ft   |
| 0630 | DB Cable, in Conduit, 600V, 1/C#4                         | 8190207 | 2,910.000  | Ft   |
| 0640 | DB Cable, in Conduit, 600V, 1/C#6                         | 8190211 | 3,495.000  | Ft   |
| 0650 | Cable, Equipment Grounding Wire, 1/C#2                    | 8190232 | 4,705.000  | Ft   |
| 0660 | Cable, Equipment Grounding Wire, 1/C#4                    | 8190234 | 970.000    | Ft   |
| 0670 | Cable, Equipment Grounding Wire, 1/C#6                    | 8190236 | 1,165.000  | Ft   |
| 0680 | Hh, Round, 3 foot dia                                     | 8190259 | 1.000      | Ea   |

|      |                                                             |         |            |      |
|------|-------------------------------------------------------------|---------|------------|------|
| 0690 | Hh, Round                                                   | 8190260 | 4.000      | Ea   |
| 0700 | Hh, Type D                                                  | 8190262 | 10.000     | Ea   |
| 0710 | Light Std Fdn                                               | 8190279 | 4.000      | Ea   |
| 0720 | Light Std, Frangible Transformer Base                       | 8190281 | 2.000      | Ea   |
| 0730 | Light Std Shaft, 30 foot or less                            | 8190285 | 4.000      | Ea   |
| 0740 | Wood Pole, Cl 4, 40 foot                                    | 8190473 | 2.000      | Ea   |
| 0750 | Wood Pole, Fit Up, Sec Serv Pole                            | 8190496 | 2.000      | Ea   |
| 0760 | Conduit, Directional Bore, 1, 3 inch                        | 8190602 | 4,465.000  | Ft   |
| 0770 | Conduit, Directional Bore, 2, 3 inch                        | 8190604 | 220.000    | Ft   |
| 0780 | _ Cable, Equipment Grounding Wire, 1/C#16                   | 8197001 | 90.000     | Ft   |
| 0790 | _ DB Cable, in Conduit, 600V, 1/C#16                        | 8197001 | 270.000    | Ft   |
| 0800 | _ Hh, Round, Electric                                       | 8197050 | 35.000     | Ea   |
| 0810 | Flsh Beacon, Solar Power, Dual                              | 8200073 | 2.000      | Ea   |
| 0820 | Power Co. (Est. Cost to Contractor)                         | 8200116 | 21,335.000 | Dlr  |
| 0830 | Sign Optical, (LED)                                         | 8200373 | 2.000      | Ea   |
| 0840 | Strain Pole, Steel, 6 bolt, 40 foot                         | 8200462 | 2.000      | Ea   |
| 0850 | Strain Pole Fdn, 6 Bolt                                     | 8200470 | 32.000     | Ft   |
| 0860 | Casing                                                      | 8200480 | 26.000     | Ft   |
| 0870 | Wireless Intercn, Sign Mtd Flasher, Master                  | 8200490 | 2.000      | Ea   |
| 0880 | Wireless Intercn, Sign Mtd Flasher, Solar Power, Remote     | 8200495 | 2.000      | Ea   |
| 0890 | _ ITS Cabinet, Ground Mtd                                   | 8207050 | 13.000     | Ea   |
| 0900 | Contractor Staking, Road Only                               | 8240007 | 1.000      | LSUM |
| 0910 | Staking Plan Errors and Extras, One Person                  | 8240020 | 19.000     | Hr   |
| 0920 | Staking Plan Errors and Extras, Two Person                  | 8240021 | 8.000      | Hr   |
| 0930 | Staking Plan Errors and Extras, Three Person                | 8240022 | 11.000     | Hr   |
| 0940 | ITS Grounding, Bonding, and Surge Protection                | 8260020 | 1.000      | LSUM |
| 0950 | Lightning Protection, Pole                                  | 8260021 | 11.000     | Ea   |
| 0960 | Lightning Protection, Structure, Large Dynamic Message Sign | 8260022 | 4.000      | Ea   |
| 0970 | Dynamic Message Sign, Support Structure                     | 8260025 | 4.000      | Ea   |
| 0980 | Microwave Vehicle Detection System                          | 8260040 | 10.000     | Ea   |
| 0990 | Managed Field Ethernet Switch, Layer 2                      | 8260080 | 13.000     | Ea   |
| 1000 | Power Serv, Underground, 30A, 120/240V                      | 8260100 | 7.000      | Ea   |
| 1010 | Power Serv, Underground, 60A, 120/240V                      | 8260101 | 3.000      | Ea   |
| 1020 | Safety Switch, Fusible                                      | 8260109 | 1.000      | Ea   |
| 1030 | Uninterruptible Power Supply, ITS Cabinet                   | 8260140 | 13.000     | Ea   |
| 1040 | Flowable Fill, Spun Pole Fdn                                | 8260149 | 10.000     | Cyd  |
| 1050 | Spun Conc Pole, Type A                                      | 8260152 | 5.000      | Ea   |
| 1060 | Drilled Shaft and Conc Skirt, Cased                         | 8260155 | 5.000      | Ea   |
| 1070 | Surveillance System, Remote Site, Type A                    | 8260157 | 8.000      | Ea   |
| 1080 | System Integration and Testing                              | 8260160 | 1.000      | LSUM |
| 1090 | _ Power Serv, Refurbish, 90A, 120/240V                      | 8267050 | 2.000      | Ea   |
| 1100 | _ Power Serv, Underground, 90A, 120/240V                    | 8267050 | 1.000      | Ea   |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 046**Letting Date:** August 7, 2020**Contract ID:** 63000-202515

**Description:** 2.39 mi of hot mix asphalt cold milling and resurfacing, storm sewer, concrete curb and gutter, guardrail and pavement markings on Barron Road from Grange Hall Road north to Groveland Road, Oakland County. This is a Local Agency project. This project includes 5 year and 1 year Local Agency Program warranties.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202515A        | 20A0807                | N/A                 | STL 63000       |

**List of Items by Section**

| Line Num          | Item Description                                       | Item ID | Quantity   | Units |
|-------------------|--------------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                        |         |            |       |
| 0010              | Mobilization, Max \$588100.00                          | 1500001 | 1.000      | LSUM  |
| 0020              | _ Clearing, RCOC                                       | 2017012 | 4.340      | Acre  |
| 0030              | Tree, Rem, 19 inch to 36 inch                          | 2020002 | 22.000     | Ea    |
| 0040              | Tree, Rem, 37 inch or Larger                           | 2020003 | 7.000      | Ea    |
| 0050              | Stump, Rem, 19 inch to 36 inch                         | 2020006 | 3.000      | Ea    |
| 0060              | _ Tree, Rem, 3 inch to 18 inch                         | 2027050 | 97.000     | Ea    |
| 0070              | Culv, Rem, Less than 24 inch                           | 2030001 | 19.000     | Ea    |
| 0080              | Culv, Rem, 24 inch to 48 inch                          | 2030002 | 4.000      | Ea    |
| 0090              | Dr Structure, Rem                                      | 2030011 | 1.000      | Ea    |
| 0100              | Sewer, Rem, Less than 24 inch                          | 2030015 | 95.000     | Ft    |
| 0110              | Curb and Gutter, Rem                                   | 2040020 | 137.000    | Ft    |
| 0120              | Fence, Rem                                             | 2040025 | 2,005.000  | Ft    |
| 0130              | Pavt, Rem                                              | 2040050 | 137.000    | Syd   |
| 0140              | _ Exploration for Utility Location                     | 2047021 | 10.000     | Cyd   |
| 0150              | Backfill, Swamp                                        | 2050001 | 10,150.000 | Cyd   |
| 0160              | Embankment, CIP                                        | 2050010 | 14,255.000 | Cyd   |
| 0170              | Embankment, Structure, CIP                             | 2050012 | 21.000     | Cyd   |
| 0180              | Excavation, Earth                                      | 2050016 | 42,005.000 | Cyd   |
| 0190              | Excavation, Peat                                       | 2050017 | 8,945.000  | Cyd   |
| 0200              | _ Excavation, Earth, RCOC                              | 2057011 | 2,892.000  | Syd   |
| 0210              | _ Subgrade Undercutting, 21AA                          | 2057021 | 1,000.000  | Cyd   |
| 0220              | _ Subgrade Undercutting, 3 by 1                        | 2057021 | 1,100.000  | Cyd   |
| 0230              | Backfill, Structure, CIP                               | 2060002 | 217.000    | Cyd   |
| 0240              | Excavation, Fdn                                        | 2060010 | 181.000    | Cyd   |
| 0250              | _ Erosion Control, Check Dam, Stone, RCOC              | 2087001 | 686.000    | Ft    |
| 0260              | _ Erosion Control, Silt Fence, RCOC                    | 2087001 | 25,426.000 | Ft    |
| 0270              | _ Erosion Control, Inlet Protection, Fabric Drop, RCOC | 2087050 | 61.000     | Ea    |

|      |                                                            |         |            |     |
|------|------------------------------------------------------------|---------|------------|-----|
| 0280 | _ Aggregate Base, 6 inch, 21AA, RCOC                       | 3027011 | 1,957.000  | Syd |
| 0290 | _ Aggregate Base, 8 inch, 21AA, RCOC                       | 3027011 | 47,510.000 | Syd |
| 0300 | _ Backfill, Lightweight, Iron Blast Furnace Slag Aggregate | 3027021 | 1,250.000  | Cyd |
| 0310 | Aggregate Surface Cse, 8 inch                              | 3060012 | 105.000    | Syd |
| 0320 | Maintenance Gravel                                         | 3060020 | 50.000     | Ton |
| 0330 | _ Shoulder, 21AA, 6 inch                                   | 3077011 | 4,700.000  | Syd |
| 0340 | _ Approach, 21AA                                           | 3077031 | 187.000    | Ton |
| 0350 | _ Shoulder, 21AA                                           | 3077031 | 110.000    | Ton |
| 0360 | _ Biaxial Geogrid                                          | 3087011 | 3,745.000  | Syd |
| 0370 | _ Geotextile Fabric, Type NW8                              | 3087011 | 4,235.000  | Syd |
| 0380 | Culv End Sect, Conc, 12 inch                               | 4010047 | 18.000     | Ea  |
| 0390 | Culv End Sect, Conc, 15 inch                               | 4010048 | 2.000      | Ea  |
| 0400 | Culv End Sect, Conc, 18 inch                               | 4010049 | 8.000      | Ea  |
| 0410 | Culv End Sect, Conc, 24 inch                               | 4010051 | 3.000      | Ea  |
| 0420 | Culv End Sect, Conc, 36 inch                               | 4010053 | 4.000      | Ea  |
| 0430 | Culv End Sect, Footing                                     | 4010072 | 35.000     | Ea  |
| 0440 | Culv, CI E, Conc, 12 inch                                  | 4010573 | 60.000     | Ft  |
| 0450 | Culv, CI E, Conc, 15 inch                                  | 4010574 | 53.000     | Ft  |
| 0460 | Culv, CI E, Conc, 18 inch                                  | 4010575 | 52.000     | Ft  |
| 0470 | Culv, CI E, Conc, 36 inch                                  | 4010578 | 89.000     | Ft  |
| 0480 | _ Culv, CI F, CSP, 12 inch, RCOC                           | 4017001 | 768.000    | Ft  |
| 0490 | _ Coarse Aggregate, 3 by 1                                 | 4017021 | 295.000    | Cyd |
| 0500 | _ Dewatering System                                        | 4017050 | 2.000      | Ea  |
| 0510 | Sewer, CI IV, 12 inch, Tr Det B                            | 4020987 | 4,531.000  | Ft  |
| 0520 | Sewer, CI IV, 18 inch, Tr Det B                            | 4020989 | 382.000    | Ft  |
| 0530 | Sewer, CI IV, 24 inch, Tr Det B                            | 4020993 | 172.000    | Ft  |
| 0540 | Sewer, CI IV, 36 inch, Tr Det B                            | 4020995 | 66.000     | Ft  |
| 0550 | Sewer Bulkhead, 12 inch                                    | 4021230 | 1.000      | Ea  |
| 0560 | Trench Undercut and Backfill                               | 4021260 | 20.000     | Cyd |
| 0570 | Video Taping Sewer and Culv Pipe                           | 4021275 | 5,405.000  | Ft  |
| 0580 | Dr Structure Cover, Type B                                 | 4030010 | 7.000      | Ea  |
| 0590 | Dr Structure Cover, Type C                                 | 4030015 | 12.000     | Ea  |
| 0600 | Dr Structure Cover, Type J                                 | 4030045 | 48.000     | Ea  |
| 0610 | Dr Structure, 24 inch dia                                  | 4030200 | 21.000     | Ea  |
| 0620 | Dr Structure, 48 inch dia                                  | 4030210 | 44.000     | Ea  |
| 0630 | Dr Structure, 60 inch dia                                  | 4030220 | 1.000      | Ea  |
| 0640 | Dr Structure, 72 inch dia                                  | 4030230 | 1.000      | Ea  |
| 0650 | Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot  | 4030250 | 27.000     | Ft  |
| 0660 | Dr Structure, Tap, 12 inch                                 | 4030312 | 1.000      | Ea  |
| 0670 | Underdrain Outlet, 6 inch                                  | 4040093 | 380.000    | Ft  |
| 0680 | Underdrain, Outlet Ending, 6 inch                          | 4040113 | 17.000     | Ea  |
| 0690 | _ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC          | 4047001 | 13,346.000 | Ft  |
| 0700 | Cold Milling HMA Surface                                   | 5010002 | 3,835.000  | Syd |

|      |                                                                  |         |            |      |
|------|------------------------------------------------------------------|---------|------------|------|
| 0710 | HMA Surface, Rem                                                 | 5010005 | 2,255.000  | Syd  |
| 0720 | Hand Patching                                                    | 5010025 | 510.000    | Ton  |
| 0730 | HMA, 3E1                                                         | 5010044 | 5,680.000  | Ton  |
| 0740 | HMA, 5E1                                                         | 5010056 | 6,245.000  | Ton  |
| 0750 | _ Joint, HMA Plane of Weakness                                   | 5017001 | 1,555.000  | Ft   |
| 0760 | _ Void Reducing Asphalt Membrane, RCOC                           | 5017001 | 11,682.000 | Ft   |
| 0770 | _ HMA Approach (Residential)                                     | 5017031 | 344.000    | Ton  |
| 0780 | _ Pavt, Cleaning, RCOC                                           | 5017051 | 1.000      | LSUM |
| 0790 | Steel Sheet Piling, Temp                                         | 7040002 | 2,500.000  | Sft  |
| 0800 | _ Precast Modular Block Retaining Wall                           | 8007010 | 1,075.000  | Sft  |
| 0810 | Driveway, Nonreinf Conc, 6 inch                                  | 8010005 | 189.000    | Syd  |
| 0820 | Curb and Gutter, Conc, Det B2                                    | 8020016 | 11,386.000 | Ft   |
| 0830 | Curb and Gutter, Conc, Det D2                                    | 8020031 | 2,165.000  | Ft   |
| 0840 | _ Spillway, Conc, RCOC                                           | 8027001 | 488.000    | Ft   |
| 0850 | Guardrail, Type MGS-8                                            | 8070004 | 1,830.000  | Ft   |
| 0860 | Guardrail, Curved, Type B                                        | 8070010 | 31.000     | Ft   |
| 0870 | Guardrail, Curved, Type MGS-8                                    | 8070012 | 55.000     | Ft   |
| 0880 | Guardrail Departing Terminal, Type B                             | 8070050 | 1.000      | Ea   |
| 0890 | Guardrail Reflector                                              | 8070080 | 85.000     | Ea   |
| 0900 | Post, Mailbox                                                    | 8070095 | 50.000     | Ea   |
| 0910 | _ Guardrail Approach Terminal, Type 2M, MSKT                     | 8077050 | 9.000      | Ea   |
| 0920 | _ Guardrail Long Span, Det MGS-1                                 | 8077050 | 1.000      | Ea   |
| 0930 | _ Guardrail Long Span, Det MGS-2                                 | 8077050 | 1.000      | Ea   |
| 0940 | Fence, Woven Wire with Steel Post                                | 8080002 | 250.000    | Ft   |
| 0950 | Barbed Wire                                                      | 8080003 | 72.000     | Ft   |
| 0960 | Fence, Chain Link, 48 inch                                       | 8080011 | 165.000    | Ft   |
| 0970 | Post, Steel, 3 lb                                                | 8100371 | 903.000    | Ft   |
| 0980 | Sign, Type II, Rem                                               | 8100397 | 2.000      | Ea   |
| 0990 | Sign, Type III, Erect, Salv                                      | 8100402 | 1.000      | Ea   |
| 1000 | Sign, Type III, Rem                                              | 8100403 | 21.000     | Ea   |
| 1010 | Sign, Type IIIA                                                  | 8100404 | 95.000     | Sft  |
| 1020 | Sign, Type IIIB                                                  | 8100405 | 253.000    | Sft  |
| 1030 | Sign, Type VA                                                    | 8100424 | 40.000     | Sft  |
| 1040 | Sign, Type VB                                                    | 8100425 | 24.000     | Sft  |
| 1050 | _ Post, Flexible, Delineator, RCOC                               | 8107050 | 71.000     | Ea   |
| 1060 | _ Street Sign Post                                               | 8107050 | 3.000      | Ea   |
| 1070 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 16,023.000 | Ft   |
| 1080 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 11,692.000 | Ft   |
| 1090 | Pavt Mrkg, Wet Retrflc Sprayable Thermopl, 4 inch, Yellow        | 8110494 | 10,266.000 | Ft   |
| 1100 | _ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol               | 8117050 | 1.000      | Ea   |
| 1110 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 20.000     | Ea   |
| 1120 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 20.000     | Ea   |
| 1130 | Channelizing Device, 42 inch, Fluorescent, Furn                  | 8120035 | 200.000    | Ea   |

|      |                                                                     |         |            |      |
|------|---------------------------------------------------------------------|---------|------------|------|
| 1140 | Channelizing Device, 42 inch, Fluorescent, Oper                     | 8120036 | 200.000    | Ea   |
| 1150 | Dust Palliative, Applied                                            | 8120100 | 20.000     | Ton  |
| 1160 | Lighted Arrow, Type C, Furn                                         | 8120140 | 2.000      | Ea   |
| 1170 | Lighted Arrow, Type C, Oper                                         | 8120141 | 2.000      | Ea   |
| 1180 | Minor Traf Devices                                                  | 8120170 | 1.000      | LSUM |
| 1190 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,<br>Yellow, Temp    | 8120246 | 20,530.000 | Ft   |
| 1200 | Plastic Drum, Fluorescent, Furn                                     | 8120252 | 30.000     | Ea   |
| 1210 | Plastic Drum, Fluorescent, Oper                                     | 8120253 | 30.000     | Ea   |
| 1220 | Sign Cover                                                          | 8120310 | 10.000     | Ea   |
| 1230 | Sign, Type B, Temp, Prismatic, Furn                                 | 8120350 | 510.000    | Sft  |
| 1240 | Sign, Type B, Temp, Prismatic, Oper                                 | 8120351 | 510.000    | Sft  |
| 1250 | Sign, Type B, Temp, Prismatic, Spec, Furn                           | 8120352 | 444.000    | Sft  |
| 1260 | Sign, Type B, Temp, Prismatic, Spec, Oper                           | 8120353 | 444.000    | Sft  |
| 1270 | Traf Regulator Control                                              | 8120370 | 1.000      | LSUM |
| 1280 | _ Riprap, Plain, RCOC                                               | 8137011 | 369.000    | Syd  |
| 1290 | _ Ditch, Plain Cobble, RCOC                                         | 8147011 | 52.000     | Syd  |
| 1300 | _ Check Dam, Permanent, RCOC                                        | 8147050 | 2.000      | Ea   |
| 1310 | _ Geocellular Confinement System                                    | 8167011 | 2,431.000  | Syd  |
| 1320 | _ Turf Establishment, BS Seed, Special Mulch,<br>Performance, RCOC  | 8167011 | 84.000     | Syd  |
| 1330 | _ Turf Establishment, ES Seed, Special Mulch,<br>Performance, RCOC  | 8167011 | 1,723.000  | Syd  |
| 1340 | _ Turf Establishment, THM Seed, Special Mulch,<br>Performance, RCOC | 8167011 | 41,911.000 | Syd  |
| 1350 | Monument Box Adjust                                                 | 8210005 | 1.000      | Ea   |
| 1360 | Monument Preservation                                               | 8210010 | 1.000      | Ea   |
| 1370 | _ Sinusoidal Corrugations, Milled, HMA Centerline,<br>RCOC          | 8227001 | 10,045.000 | Ft   |
| 1380 | _ Sprinkler Line                                                    | 8507001 | 200.000    | Ft   |
| 1390 | _ Sprinkler Head, Relocate                                          | 8507050 | 20.000     | Ea   |
| 1400 | _ Sprinkler Head, Replace                                           | 8507050 | 10.000     | Ea   |



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AASHTOWare Project™ Version 4.2.2 Revision 034

**Schedule of Pay Items**

Report v1

**Letting Call:** 200807 047**Letting Date:** August 7, 2020**Contract ID:** 22000-208625

**Description:** 1.36 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete sidewalk and ramps, drainage structure adjustments and pavement markings on Kimberly Road from Fairbanks Street to Main Street, Prospect Avenue from Ludington Street to West B Street, Hughitt Street from Carpenter Street to Kimberly Avenue and A Street from Carpenter Street to Prospect Avenue in the city of Iron Mountain, Dickenson County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 208625A        | 20A0825                | N/A                 | STUL 22000      |
| 210355A        | 20A0826                | N/A                 | STUL 22000      |

**List of Items by Section**

| Line Num          | Item Description                                   | Item ID | Quantity   | Units |
|-------------------|----------------------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                                    |         |            |       |
| 0010              | Mobilization, Max \$37,100.00                      | 1500001 | 1.000      | LSUM  |
| 0020              | Aggregate Base                                     | 3020001 | 89.000     | Ton   |
| 0030              | HMA Base Crushing and Shaping                      | 3050002 | 20,607.000 | Syd   |
| 0040              | Material, Surplus and Unsuitable, Rem, LM          | 3050010 | 53.000     | Cyd   |
| 0050              | Shoulder, CI II, 3 inch                            | 3070125 | 2,873.000  | Syd   |
| 0060              | Dr Structure Cover, Adj, Case 1                    | 4030005 | 10.000     | Ea    |
| 0070              | HMA Approach                                       | 5010061 | 57.000     | Ton   |
| 0080              | HMA, LVSP                                          | 5010703 | 3,053.000  | Ton   |
| 0090              | Curb Sloped, HMA                                   | 8050010 | 1,680.000  | Ft    |
| 0100              | Pavt Mrkg, Waterborne, 4 inch, Yellow              | 8110232 | 3,360.000  | Ft    |
| 0110              | Barricade, Type III, High Intensity, Lighted, Furn | 8120022 | 1.000      | Ea    |
| 0120              | Barricade, Type III, High Intensity, Lighted, Oper | 8120023 | 1.000      | Ea    |
| 0130              | Lighted Arrow, Type B, Furn                        | 8120130 | 3.000      | Ea    |
| 0140              | Lighted Arrow, Type B, Oper                        | 8120131 | 3.000      | Ea    |
| 0150              | Minor Traf Devices                                 | 8120170 | 1.000      | LSUM  |
| 0160              | Plastic Drum, High Intensity, Furn                 | 8120250 | 92.000     | Ea    |
| 0170              | Plastic Drum, High Intensity, Oper                 | 8120251 | 92.000     | Ea    |
| 0180              | Sign, Type B, Temp, Prismatic, Furn                | 8120350 | 340.000    | Sft   |
| 0190              | Sign, Type B, Temp, Prismatic, Oper                | 8120351 | 340.000    | Sft   |
| 0200              | Traf Regulator Control                             | 8120370 | 1.000      | LSUM  |
| 0210              | Slope Restoration, Type A                          | 8160100 | 1,947.000  | Syd   |
| 0220              | Gate Box, Adj, Case 1                              | 8230431 | 5.000      | Ea    |