



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 001

**Letting Date:** June 7, 2019

**Contract ID:** 63000-205557

**Description:** 1.38 mi of full depth concrete pavement, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on 9 Mile Road from Pilgrim Avenue to Dequindre Road in the city of Hazel Park, Oakland County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205557A        | 1900692                | N/A                 | STU 63000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$129,000.00                 | 1500001 | 1.000     | LSUM  |
| 0020              | Curb and Gutter, Rem                           | 2040020 | 5,490.000 | Ft    |
| 0030              | Sidewalk, Rem                                  | 2040055 | 1,132.000 | Syd   |
| 0040              | _ Subgrade Undercutting, 21AA, Modified        | 2057021 | 575.000   | Cyd   |
| 0050              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 50.000    | Ea    |
| 0060              | Dr Structure Cover, Adj, Case 1                | 4030005 | 51.000    | Ea    |
| 0070              | Pavt, Cleaning                                 | 5010001 | 1.000     | LSUM  |
| 0080              | HMA Surface, Rem                               | 5010005 | 40.000    | Syd   |
| 0090              | Hand Patching                                  | 5010025 | 10.000    | Ton   |
| 0100              | Joint, Contraction, Cp                         | 6020200 | 4,000.000 | Ft    |
| 0110              | Pavt Gapping                                   | 6020215 | 1,259.000 | Ft    |
| 0120              | Joint, Contraction, Crg                        | 6030020 | 7,854.000 | Ft    |
| 0130              | Lane Tie, Epoxy Anchored                       | 6030030 | 8,450.000 | Ea    |
| 0140              | Pavt Repr, Nonreinf Conc, 10 inch              | 6030048 | 8,414.000 | Syd   |
| 0150              | Pavt Repr, Rem                                 | 6030080 | 8,414.000 | Syd   |
| 0160              | Saw Cut, Intermediate                          | 6030090 | 1,250.000 | Ft    |
| 0170              | Resealing Trans Joints with Hot-Poured Rubber  | 6030100 | 5,280.000 | Ft    |
| 0180              | Resealing Longit Joints with Hot-Poured Rubber | 6030101 | 5,280.000 | Ft    |
| 0190              | Curb and Gutter, Conc, Det C3                  | 8020022 | 4,901.000 | Ft    |
| 0200              | Detectable Warning Surface                     | 8030010 | 589.000   | Ft    |
| 0210              | Curb Ramp Opening, Conc                        | 8030030 | 589.000   | Ft    |
| 0220              | Sidewalk Ramp, Conc, 6 inch                    | 8030036 | 5,451.000 | Sft   |
| 0230              | Sidewalk, Conc, 4 inch                         | 8030044 | 9,643.000 | Sft   |
| 0240              | Sidewalk, Clay Brick Pavers                    | 8030050 | 787.000   | Sft   |
| 0250              | Sidewalk, Clay Brick Pavers, Rem               | 8030051 | 4,913.000 | Sft   |
| 0260              | Sign, Type I, Rem                              | 8100391 | 1.000     | Ea    |
| 0270              | Pavt Mrkg, Polyurea, 4 inch, White             | 8110091 | 3,638.000 | Ft    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0280 | Pavt Mrkg, Polyurea, 4 inch, Yellow                              | 8110092 | 12,300.000 | Ft   |
| 0290 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk                           | 8110093 | 2,127.000  | Ft   |
| 0300 | Pavt Mrkg, Polyurea, 6 inch, White                               | 8110094 | 286.000    | Ft   |
| 0310 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                           | 8110114 | 367.000    | Ft   |
| 0320 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                           | 8110405 | 4.000      | Ea   |
| 0330 | Pavt Mrkg, Polyurea, Only  | 8110410 | 4.000      | Ea   |
| 0340 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 98.000     | Ea   |
| 0350 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 98.000     | Ea   |
| 0360 | Pedestrian Type II Barricade, Temp                               | 8120026 | 119.000    | Ea   |
| 0370 | Lighted Arrow, Type C, Furn                                      | 8120140 | 4.000      | Ea   |
| 0380 | Lighted Arrow, Type C, Oper                                      | 8120141 | 4.000      | Ea   |
| 0390 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0400 | Part Width Intersection Construction                             | 8120190 | 7.000      | Ea   |
| 0410 | Plastic Drum, High Intensity, Furn                               | 8120250 | 557.000    | Ea   |
| 0420 | Plastic Drum, High Intensity, Oper                               | 8120251 | 557.000    | Ea   |
| 0430 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,391.000  | Sft  |
| 0440 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,391.000  | Sft  |
| 0450 | Traf Regulator Control   | 8120370 | 1.000      | LSUM |
| 0460 | _ Mulch Blanket, Modified  | 8167011 | 100.000    | Syd  |
| 0470 | _ Topsoil Surface, Furn, 3 inch, Modified                        | 8167011 | 100.000    | Syd  |
| 0480 | _ Fertilizer, Chemical Nutrient, CI A, Modified                  | 8167030 | 8.000      | Lb   |
| 0490 | _ Seeding, Mixture TUF, Modified                                 | 8167030 | 12.000     | Lb   |
| 0500 | _ Water, Sodding/Seeding, Modified                               | 8167052 | 2.000      | Unit |
| 0510 | Traf Loop  | 8200170 | 2.000      | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 002

**Letting Date:** June 7, 2019

**Contract ID:** 70000-130785

**Description:** 1.72 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk, sidewalk ramps and pavement markings on Comstock Street from 168th Avenue to Mercury Drive, Ottawa County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 130785A        | 1900674                | N/A                 | STUL 70000      |

**List of Items by Section**

| Line Num          | Item Description                                 | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$75,800.00                    | 1500001 | 1.000      | LSUM  |
| 0020              | Curb, Rem  | 2040021 | 40.000     | Ft    |
| 0030              | Pavt, Rem  | 2040050 | 368.000    | Syd   |
| 0040              | _ Sidewalk Ramp Grading                          | 2057011 | 60.000     | Syd   |
| 0050              | Approach, CI I, 6 inch                           | 3070008 | 368.000    | Syd   |
| 0060              | Shoulder, CI II, 3 inch                          | 3070125 | 2,000.000  | Syd   |
| 0070              | _ Approach, Class I, Driveway                    | 3077050 | 56.000     | Ea    |
| 0080              | Dr Structure, Temp Lowering                      | 4030390 | 4.000      | Ea    |
| 0090              | _ Dr Structure Cover, Adj, Case 1, Modified      | 4037050 | 4.000      | Ea    |
| 0100              | Cold Milling HMA Surface                         | 5010002 | 32,600.000 | Syd   |
| 0110              | Pavt for Butt Joints, Rem                        | 5010008 | 2,100.000  | Syd   |
| 0120              | HMA, 5E1   | 5010056 | 5,800.000  | Ton   |
| 0130              | HMA Approach                                     | 5010061 | 430.000    | Ton   |
| 0140              | Detectable Warning Surface                       | 8030010 | 32.000     | Ft    |
| 0150              | Curb Ramp Opening, Conc                          | 8030030 | 40.000     | Ft    |
| 0160              | Sidewalk Ramp, Conc, 4 inch                      | 8030034 | 313.000    | Sft   |
| 0170              | _ Mailbox Post, Modified                         | 8077050 | 20.000     | Ea    |
| 0180              | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk | 8110041 | 76.000     | Ft    |
| 0190              | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym  | 8110063 | 4.000      | Ea    |
| 0200              | Pavt Mrkg, Ovly Cold Plastic, School             | 8110074 | 2.000      | Ea    |
| 0210              | Pavt Mrkg, Waterborne, 4 inch, White             | 8110231 | 18,000.000 | Ft    |
| 0220              | Pavt Mrkg, Waterborne, 4 inch, Yellow            | 8110232 | 9,000.000  | Ft    |
| 0230              | Pedestrian Type II Barricade, Temp               | 8120026 | 8.000      | Ea    |
| 0240              | Channelizing Device, 42 inch, Furn               | 8120030 | 200.000    | Ea    |
| 0250              | Channelizing Device, 42 inch, Oper               | 8120031 | 200.000    | Ea    |
| 0260              | Lighted Arrow, Type C, Furn                      | 8120140 | 2.000      | Ea    |
| 0270              | Lighted Arrow, Type C, Oper                      | 8120141 | 2.000      | Ea    |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0280 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0290 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp  | 8120235 | 182.000   | Ft   |
| 0300 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 9,000.000 | Ft   |
| 0310 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp    | 8120245 | 32.000    | Ft   |
| 0320 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp   | 8120246 | 2,328.000 | Ft   |
| 0330 | Sign, Type B, Temp, Prismatic, Furn                             | 8120350 | 568.000   | Sft  |
| 0340 | Sign, Type B, Temp, Prismatic, Oper                             | 8120351 | 568.000   | Sft  |
| 0350 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0360 | _ Slope Restoration   | 8167011 | 215.000   | Syd  |
| 0370 | _ Gate Box, Adj   | 8237050 | 7.000     | Ea   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 003

**Letting Date:** June 7, 2019

**Contract ID:** 63000-203423

**Description:** 0.47 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk, sidewalk ramps, culverts, drainage, sewer, pavement repairs, signing and pavement markings on South Milford Road from the south village limit of Milford to General Motors Road in the village of Milford, Oakland County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203423A        | 1900614                | 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 \$72,800.00                  | 1500001 | 1.000     | LSUM  |
| 0030              | Culv, Rem, Less than 24 inch                   | 2030001 | 2.000     | Ea    |
| 0040              | Curb and Gutter, Rem                           | 2040020 | 1,167.000 | Ft    |
| 0050              | Guardrail, Rem                                 | 2040035 | 78.000    | Ft    |
| 0060              | _ Exploratory Excavation, Vertical, Modified   | 2047001 | 25.000    | Ft    |
| 0070              | _ Driveway, Rem, Modified                      | 2047011 | 136.000   | Syd   |
| 0080              | _ Pavt, Rem, Modified                          | 2047011 | 1,365.000 | Syd   |
| 0090              | _ Sidewalk, Rem, Modified                      | 2047011 | 226.000   | Syd   |
| 0100              | Embankment, CIP                                | 2050010 | 125.000   | Cyd   |
| 0110              | Excavation, Earth                              | 2050016 | 203.000   | Cyd   |
| 0120              | _ Subgrade Undercutting, Type II, Modified     | 2057021 | 250.000   | Cyd   |
| 0130              | _ Sprinkler Head, Salv and Reset               | 2057050 | 30.000    | Ea    |
| 0140              | _ Sprinkler Line, Salv and Reset               | 2067001 | 350.000   | Ft    |
| 0150              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 24.000    | Ea    |
| 0160              | Erosion Control, Silt Fence                    | 2080036 | 830.000   | Ft    |
| 0170              | Project Cleanup                                | 2090001 | 1.000     | LSUM  |
| 0180              | Maintenance Gravel                             | 3060020 | 200.000   | Ton   |
| 0190              | _ Shoulder, CI II, 6 inch, Modified            | 3077011 | 271.000   | Syd   |
| 0200              | Culv End Sect, Conc, 12 inch                   | 4010047 | 2.000     | Ea    |
| 0210              | Culv, CI F, Conc, 12 inch                      | 4010641 | 25.000    | Ft    |
| 0220              | Sewer, CI IV, 12 inch, Tr Det B                | 4020987 | 200.000   | Ft    |
| 0230              | Sewer, CI IV, 42 inch, Tr Det B                | 4020996 | 60.000    | Ft    |
| 0240              | Dr Structure, Tap, 6 inch                      | 4030306 | 4.000     | Ea    |
| 0250              | _ Dr Structure Cover, Type B, Modified         | 4037050 | 11.000    | Ea    |
| 0260              | _ Dr Structure Cover, Type M1, Modified        | 4037050 | 20.000    | Ea    |
| 0270              | _ Reconstruct Structure                        | 4037050 | 19.000    | Ea    |

|      |  |         |            |     |
|------|--|---------|------------|-----|
| 0280 | _ Structure Cover, Adj, Case 1, Modified                         | 4037050 | 5.000      | Ea  |
| 0290 | _ Structure Cover, Adj, Case 2, Modified                         | 4037050 | 7.000      | Ea  |
| 0300 | Underdrain, Subgrade, 6 inch                                     | 4040073 | 300.000    | Ft  |
| 0310 | Cold Milling HMA Surface   | 5010002 | 13,834.000 | Syd |
| 0320 | Pavt Joint and Crack Repr, Det 7                                 | 5010020 | 750.000    | Ft  |
| 0330 | Pavt Joint and Crack Repr, Det 8                                 | 5010021 | 750.000    | Ft  |
| 0340 | HMA, 4E10  | 5010052 | 2,094.000  | Ton |
| 0350 | HMA, 5E10  | 5010058 | 1,257.000  | Ton |
| 0360 | _ HMA, Repair  | 5017011 | 1,344.000  | Syd |
| 0370 | _ Driveway, Nonreinf Conc, 6 inch, Modified                      | 8017011 | 122.000    | Syd |
| 0380 | Curb and Gutter, Conc, Det F4                                    | 8020038 | 656.000    | Ft  |
| 0390 | Driveway Opening, Conc, Det M                                    | 8020050 | 148.000    | Ft  |
| 0400 | Shoulder Gutter, Conc, Det 3                                     | 8020057 | 1.000      | Ea  |
| 0410 | Spillway, Conc   | 8020075 | 3.000      | Ft  |
| 0420 | _ Curb and Gutter, Conc, Det B2, Modified                        | 8027001 | 46.000     | Ft  |
| 0430 | _ Curb and Gutter, Conc, Det F4, Spillout                        | 8027001 | 125.000    | Ft  |
| 0440 | Curb Ramp Opening, Conc  | 8030030 | 240.000    | Ft  |
| 0450 | _ Detectable Warning Surface, Modified                           | 8037001 | 80.000     | Ft  |
| 0460 | _ Sidewalk Ramp, Conc, 6 inch, Modified                          | 8037010 | 512.000    | Sft |
| 0470 | _ Sidewalk, Conc, 4 inch, Modified                               | 8037010 | 1,677.000  | Sft |
| 0480 | Guardrail, Type B  | 8070000 | 50.000     | Ft  |
| 0490 | Guardrail Approach Terminal, Type 2B                             | 8070042 | 2.000      | Ea  |
| 0500 | Guardrail Reflector  | 8070080 | 5.000      | Ea  |
| 0510 | Post, Mailbox  | 8070095 | 3.000      | Ea  |
| 0520 | Post, Steel, 3 lb  | 8100371 | 412.000    | Ft  |
| 0530 | Sign, Type III, Rem  | 8100403 | 55.000     | Ea  |
| 0540 | Sign, Type IIIA  | 8100404 | 126.000    | Sft |
| 0550 | Sign, Type IIIB  | 8100405 | 133.000    | Sft |
| 0560 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 450.000    | Ft  |
| 0570 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow    | 8110040 | 130.000    | Ft  |
| 0580 | Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar                  | 8110044 | 140.000    | Ft  |
| 0590 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 6.000      | Ea  |
| 0600 | Pavt Mrkg, Ovly Cold Plastic, Only                               | 8110068 | 1.000      | Ea  |
| 0610 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 3.000      | Ea  |
| 0620 | Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym         | 8110076 | 2.000      | Ea  |
| 0630 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 940.000    | Ft  |
| 0640 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 5,980.000  | Ft  |
| 0650 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 1,490.000  | Ft  |
| 0660 | Rem Spec Mrkg  | 8110343 | 300.000    | Sft |
| 0670 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 21.000     | Ea  |
| 0680 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 21.000     | Ea  |
| 0690 | Pedestrian Type II Barricade, Temp                               | 8120026 | 10.000     | Ea  |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0700 | Channelizing Device, 42 inch, Furn                              | 8120030 | 300.000   | Ea   |
| 0710 | Channelizing Device, 42 inch, Oper                              | 8120031 | 300.000   | Ea   |
| 0720 | Lighted Arrow, Type C, Furn                                     | 8120140 | 2.000     | Ea   |
| 0730 | Lighted Arrow, Type C, Oper                                     | 8120141 | 2.000     | Ea   |
| 0740 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0750 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                    | 8120210 | 2,000.000 | Ft   |
| 0760 | Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar                    | 8120216 | 140.000   | Ft   |
| 0770 | Pavt Mrkg, Type NR, Paint, Lt Turn Arrow                        | 8120217 | 8.000     | Ea   |
| 0780 | Pavt Mrkg, Type NR, Paint, Rt Turn Arrow                        | 8120218 | 3.000     | Ea   |
| 0790 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp  | 8120235 | 5,000.000 | Ft   |
| 0800 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 8,000.000 | Ft   |
| 0810 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp    | 8120245 | 2,500.000 | Ft   |
| 0820 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp   | 8120246 | 2,500.000 | Ft   |
| 0830 | Sign Cover  | 8120310 | 28.000    | Ea   |
| 0840 | Sign, Type B, Temp, Prismatic, Furn                             | 8120350 | 812.000   | Sft  |
| 0850 | Sign, Type B, Temp, Prismatic, Oper                             | 8120351 | 812.000   | Sft  |
| 0860 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0870 | _ Turf Establishment, Performance                               | 8167011 | 1,942.000 | Syd  |
| 0880 | Conduit, DB, 1, 1 1/4 inch                                      | 8190026 | 25.000    | Ft   |
| 0890 | Pushbutton and Sign   | 8200121 | 2.000     | Ea   |
| 0900 | Pushbutton, Rem   | 8200122 | 2.000     | Ea   |
| 0910 | TS Face, Bag  | 8200458 | 10.000    | Ea   |
| 0920 | TS Face, Bag, Rem   | 8200459 | 10.000    | Ea   |
| 0930 | _ Pushbutton Support Post, RCOC                                 | 8207050 | 2.000     | Ea   |
| 0940 | Monument Box Adjust   | 8210005 | 2.000     | Ea   |
| 0950 | Monument Preservation   | 8210010 | 2.000     | Ea   |
| 0960 | Water Shutoff, Adj, Case 1                                      | 8230421 | 3.000     | Ea   |
| 0970 | Water Shutoff, Adj, Case 2                                      | 8230422 | 3.000     | Ea   |
| 0980 | _ RCOC Permit/Inspection Allowance                              | 8247060 | 5,000.000 | Dlr  |
| 0990 | _ SESC Permit/Inspection Allowance                              | 8247060 | 1,500.000 | Dlr  |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 004

**Letting Date:** June 7, 2019

**Contract ID:** 63000-203632

**Description:** 0.24 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, adjust drainage structures and pavement markings on 11 Mile Road from Southfield Road to the east city limits of Lathrup Village in the city of Lathrup Village, Oakland County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203632A        | 1900638                | N/A                 | STU 63000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$39,500.00                  | 1500001 | 1.000     | LSUM  |
| 0020              | Curb and Gutter, Rem                           | 2040020 | 400.000   | Ft    |
| 0030              | Pavt, Rem                                      | 2040050 | 450.000   | Syd   |
| 0040              | Sidewalk, Rem                                  | 2040055 | 100.000   | Syd   |
| 0050              | _ Erosion Control, WRC Inlet Filter, Modified  | 2087050 | 20.000    | Ea    |
| 0060              | Project Cleanup                                | 2090001 | 1.000     | LSUM  |
| 0070              | Aggregate Base                                 | 3020001 | 30.000    | Ton   |
| 0080              | Aggregate Base, Conditioning                   | 3020050 | 600.000   | Syd   |
| 0090              | Dr Structure Cover, Adj, Case 1, Modified      | 4030004 | 11.000    | Ea    |
| 0100              | Dr Structure, Adj, Add Depth                   | 4030280 | 10.000    | Ft    |
| 0110              | Pavt, Cleaning                                 | 5010001 | 1.000     | LSUM  |
| 0120              | Cold Milling HMA Surface                       | 5010002 | 8,000.000 | Syd   |
| 0130              | HMA Surface, Rem                               | 5010005 | 100.000   | Syd   |
| 0140              | Joint and Crack, Cleanout                      | 5010015 | 1,000.000 | Ft    |
| 0150              | Hand Patching                                  | 5010025 | 50.000    | Ton   |
| 0160              | HMA Approach                                   | 5010061 | 40.000    | Ton   |
| 0170              | HMA, 4E10, High Stress                         | 5010510 | 900.000   | Ton   |
| 0180              | HMA, 5E10, High Stress                         | 5010516 | 675.000   | Ton   |
| 0190              | Joint, Contraction, Cp                         | 6020200 | 200.000   | Ft    |
| 0200              | Conc Pavt, Nonreinf, 10 inch, High Performance | 6020504 | 400.000   | Syd   |
| 0210              | Joint, Tied, Trg                               | 6030023 | 125.000   | Ft    |
| 0220              | Lane Tie, Epoxy Anchored                       | 6030030 | 100.000   | Ea    |
| 0230              | Driveway, Nonreinf Conc, 8 inch                | 8010007 | 100.000   | Syd   |
| 0240              | Curb and Gutter, Conc, Det F6                  | 8020040 | 200.000   | Ft    |
| 0250              | Driveway Opening, Conc, Det M                  | 8020050 | 175.000   | Ft    |
| 0260              | Curb Ramp Opening, Conc                        | 8030030 | 30.000    | Ft    |
| 0270              | Sidewalk Ramp, Conc, 4 inch                    | 8030034 | 200.000   | Sft   |



|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0280 | Sidewalk Ramp, Conc, 6 inch   | 8030036 | 100.000   | Sft  |
| 0290 | Sidewalk, Conc, 4 inch  | 8030044 | 200.000   | Sft  |
| 0300 | Sidewalk, Conc, 6 inch  | 8030046 | 50.000    | Sft  |
| 0310 | _ Detectable Warning Surface, Modified                                      | 8037001 | 20.000    | Ft   |
| 0320 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                             | 8110024 | 300.000   | Ft   |
| 0330 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                             | 8110045 | 150.000   | Ft   |
| 0340 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                             | 8110063 | 4.000     | Ea   |
| 0350 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                             | 8110071 | 2.000     | Ea   |
| 0360 | Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym                    | 8110077 | 2.000     | Ea   |
| 0370 | Pavt Mrkg, Regular Dry, 4 inch, White                                       | 8110125 | 1,775.000 | Ft   |
| 0380 | Pavt Mrkg, Regular Dry, 12 inch, White                                      | 8110131 | 250.000   | Ft   |
| 0390 | Rem Curing Compound, for Longit Mrkg, 4 inch                                | 8110307 | 25.000    | Ft   |
| 0400 | Rem Curing Compound, for Spec Mrkg  | 8110321 | 200.000   | Sft  |
| 0410 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn            | 8120012 | 25.000    | Ea   |
| 0420 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper            | 8120013 | 25.000    | Ea   |
| 0430 | Pedestrian Type II Barricade, Temp  | 8120026 | 7.000     | Ea   |
| 0440 | Lighted Arrow, Type C, Furn   | 8120140 | 3.000     | Ea   |
| 0450 | Lighted Arrow, Type C, Oper   | 8120141 | 3.000     | Ea   |
| 0460 | Ltg for Night Work  | 8120160 | 1.000     | LSUM |
| 0470 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0480 | Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar                                | 8120216 | 25.000    | Ft   |
| 0490 | Pavt Mrkg, Type NR, Paint, Rt Turn Arrow                                    | 8120218 | 1.000     | Ea   |
| 0500 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp                | 8120245 | 100.000   | Ft   |
| 0510 | Plastic Drum, High Intensity, Furn  | 8120250 | 150.000   | Ea   |
| 0520 | Plastic Drum, High Intensity, Oper  | 8120251 | 150.000   | Ea   |
| 0530 | Plastic Drum, High Intensity, Lighted, Furn                                 | 8120260 | 30.000    | Ea   |
| 0540 | Plastic Drum, High Intensity, Lighted, Oper                                 | 8120261 | 30.000    | Ea   |
| 0550 | Sign, Portable, Changeable Message, Furn                                    | 8120330 | 1.000     | Ea   |
| 0560 | Sign, Portable, Changeable Message, Oper                                    | 8120331 | 1.000     | Ea   |
| 0570 | Sign, Type B, Temp, Prismatic, Furn   | 8120350 | 450.000   | Sft  |
| 0580 | Sign, Type B, Temp, Prismatic, Oper   | 8120351 | 450.000   | Sft  |
| 0590 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0600 | _ Pavt Mrkg, Type NR, Paint, Thru and Lt Turn Arrow, Modified               | 8127050 | 1.000     | Ea   |
| 0610 | _ Pavt Mrkg, Type NR, Paint, Thru and Rt Turn Arrow, Modified               | 8127050 | 1.000     | Ea   |
| 0620 | _ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow, Modified | 8127050 | 1.000     | Ea   |
| 0630 | Sodding   | 8160055 | 200.000   | Syd  |
| 0640 | Water, Sodding/Seeding  | 8160090 | 11.000    | Unit |
| 0650 | _ Topsoil Surface, Furn, 2 inch, Modified                                   | 8167011 | 200.000   | Syd  |
| 0660 | _ Reimbursed Permit Fees  | 8507060 | 250.000   | Dlr  |



4/25/2019 3:09 PM

AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 005**Letting Date:** June 7, 2019**Contract ID:** 78000-203481**Description:** 0.30 mi of hot mix asphalt cold milling and resurfacing, guardrail and pavement markings on Youngs Prairie Road southeast of New England Road, St. Joseph County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203481A        | 1900649                | N/A                 | HSIP 78000      |

**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              | Project Cleanup   | 2090001 | 1.000     | LSUM  |
| 0030              | Shoulder, CI II   | 3070121 | 250.000   | Ton   |
| 0040              | Cold Milling HMA Surface                                      | 5010002 | 430.000   | Syd   |
| 0050              | Pavt for Butt Joints, Rem                                     | 5010008 | 160.000   | Syd   |
| 0060              | HMA, LVSP   | 5010703 | 850.000   | Ton   |
| 0070              | Guardrail, Type B   | 8070000 | 975.000   | Ft    |
| 0080              | Guardrail Approach Terminal, Type 2B                          | 8070042 | 4.000     | Ea    |
| 0090              | Guardrail Reflector   | 8070080 | 20.000    | Ea    |
| 0100              | Pavt Mrkg, Waterborne, 4 inch, White                          | 8110231 | 3,200.000 | Ft    |
| 0110              | Pavt Mrkg, Waterborne, 4 inch, Yellow                         | 8110232 | 3,200.000 | Ft    |
| 0120              | Lighted Arrow, Type B, Furn                                   | 8120130 | 2.000     | Ea    |
| 0130              | Lighted Arrow, Type B, Oper                                   | 8120131 | 2.000     | Ea    |
| 0140              | Minor Traf Devices  | 8120170 | 1.000     | LSUM  |
| 0150              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 128.000   | Ft    |
| 0160              | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 128.000   | Sft   |
| 0170              | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 128.000   | Sft   |
| 0180              | Traf Regulator Control  | 8120370 | 1.000     | LSUM  |

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 006**Letting Date:** June 7, 2019**Contract ID:** 80000-202793

**Description:** 0.10 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, earth excavation, embankment, subbase, pavement markings, signing and slope restoration on 14th Avenue at the CSX Railroad crossing, Van Buren County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202793A        | 1800815                | N/A                 | STRH 80000      |

**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              | Embankment, LM                                  | 2050011 | 100.000   | Cyd   |
| 0030              | Excavation, Earth                               | 2050016 | 350.000   | Cyd   |
| 0040              | Subgrade Undercutting, Type II                  | 2050041 | 50.000    | Cyd   |
| 0050              | Project Cleanup                                 | 2090001 | 1.000     | LSUM  |
| 0060              | Subbase, CIP                                    | 3010002 | 240.000   | Cyd   |
| 0070              | Aggregate Base                                  | 3020001 | 200.000   | Ton   |
| 0080              | HMA Base Crushing and Shaping                   | 3050002 | 2,200.000 | Syd   |
| 0090              | Approach, CI II                                 | 3070021 | 65.000    | Ton   |
| 0100              | Shoulder, CI II, 4 inch                         | 3070126 | 600.000   | Syd   |
| 0110              | Trenching                                       | 3070200 | 13.000    | Sta   |
| 0120              | Cold Milling HMA Surface                        | 5010002 | 60.000    | Syd   |
| 0130              | HMA, LVSP                                       | 5010703 | 400.000   | Ton   |
| 0140              | _ Spillway, HMA                                 | 5017011 | 14.000    | Syd   |
| 0150              | Post, Mailbox                                   | 8070095 | 1.000     | Ea    |
| 0160              | Post, Steel, 3 lb                               | 8100371 | 29.000    | Ft    |
| 0170              | Sign, Type III, Rem                             | 8100403 | 2.000     | Ea    |
| 0180              | Sign, Type IIIB                                 | 8100405 | 16.000    | Sft   |
| 0190              | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar | 8110045 | 53.000    | Ft    |
| 0200              | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym      | 8110069 | 1.000     | Ea    |
| 0210              | Pavt Mrkg, Waterborne, 4 inch, White            | 8110231 | 1,320.000 | Ft    |
| 0220              | Pavt Mrkg, Waterborne, 4 inch, Yellow           | 8110232 | 825.000   | Ft    |
| 0230              | Dust Palliative, Applied                        | 8120100 | 10.000    | Ton   |
| 0240              | Lighted Arrow, Type C, Furn                     | 8120140 | 2.000     | Ea    |
| 0250              | Lighted Arrow, Type C, Oper                     | 8120141 | 2.000     | Ea    |
| 0260              | Minor Traf Devices                              | 8120170 | 1.000     | LSUM  |
| 0270              | Plastic Drum, High Intensity, Furn              | 8120250 | 40.000    | Ea    |

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|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Plastic Drum, High Intensity, Oper       | 8120251 | 40.000    | Ea   |
| 0290 | Sign, Type B, Temp, Prismatic, Furn      | 8120350 | 400.000   | Sft  |
| 0300 | Sign, Type B, Temp, Prismatic, Oper      | 8120351 | 400.000   | Sft  |
| 0310 | Traf Regulator Control                   | 8120370 | 1.000     | LSUM |
| 0320 | Slope Restoration, Type B                | 8160101 | 1,340.000 | Syd  |
| 0330 | _ Railroad Protection, at Grade Crossing | 8507060 | 5,000.000 | Dir  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 007

**Letting Date:** June 7, 2019

**Contract ID:** 78000-133086

**Description:** Bridge removal and replacement, guardrail and approach work on Kalamazoo Street over White Pigeon River, St. Joseph County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 133086A        | 1900687                | N/A                 | BRT 78000       |

**List of Items by Section**

| Line Num          | Item Description                                       | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$138,100                            | 1500001 | 1.000     | LSUM  |
| 0020              | _ Clearing, Modified                                   | 2017002 | 6.000     | Sta   |
| 0030              | Stump, Rem, 19 inch to 36 inch                         | 2020006 | 3.000     | Ea    |
| 0040              | Stump, Rem, 6 inch to 18 inch                          | 2020008 | 11.000    | Ea    |
| 0050              | Embankment, CIP  | 2050010 | 57.000    | Cyd   |
| 0060              | Excavation, Earth                                      | 2050016 | 596.000   | Cyd   |
| 0070              | Aggregate, 6A  | 2060001 | 6.000     | Cyd   |
| 0080              | Erosion Control, Silt Fence                            | 2080036 | 530.000   | Ft    |
| 0090              | Subbase, CIP   | 3010002 | 712.000   | Cyd   |
| 0100              | Aggregate Base   | 3020001 | 881.000   | Ton   |
| 0110              | Shoulder, CI II  | 3070121 | 53.000    | Ton   |
| 0120              | Geotextile, Separator                                  | 3080005 | 30.000    | Syd   |
| 0130              | HMA Surface, Rem                                       | 5010005 | 1,333.000 | Syd   |
| 0140              | HMA, LVSP  | 5010703 | 358.000   | Ton   |
| 0150              | Conc Pavt, Bridge Approach, Reinf                      | 6020600 | 152.000   | Syd   |
| 0160              | _ Sanitary Force Main, HDPE, 16 inch, Directional Bore | 8007001 | 473.000   | Ft    |
| 0170              | Curb and Gutter, Bridge Approach                       | 8020010 | 231.000   | Ft    |
| 0180              | Guardrail, Type B                                      | 8070000 | 175.000   | Ft    |
| 0190              | Guardrail, Curved, Type B                              | 8070010 | 13.000    | Ft    |
| 0200              | Guardrail Anch, Bridge, Det T2                         | 8070023 | 4.000     | Ea    |
| 0210              | Guardrail Approach Terminal, Type 2B                   | 8070042 | 3.000     | Ea    |
| 0220              | Guardrail Departing Terminal, Type B                   | 8070050 | 1.000     | Ea    |
| 0230              | Guardrail, Salv  | 8070075 | 500.000   | Ft    |
| 0240              | Guardrail Reflector                                    | 8070080 | 16.000    | Ea    |
| 0250              | Post, Mailbox  | 8070095 | 1.000     | Ea    |
| 0260              | Sign, Type III, Rem                                    | 8100403 | 3.000     | Ea    |
| 0270              | Pavt Mrkg, Waterborne, 4 inch, White                   | 8110231 | 1,050.000 | Ft    |

|      |  |         |         |      |
|------|--|---------|---------|------|
| 0280 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 140.000 | Ft   |
| 0290 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 7.000   | Ea   |
| 0300 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 7.000   | Ea   |
| 0310 | Channelizing Device, 42 inch, Furn                               | 8120030 | 25.000  | Ea   |
| 0320 | Channelizing Device, 42 inch, Oper                               | 8120031 | 25.000  | Ea   |
| 0330 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000   | Ea   |
| 0340 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000   | Ea   |
| 0350 | Minor Traf Devices   | 8120170 | 1.000   | LSUM |
| 0360 | Plastic Drum, High Intensity, Furn                               | 8120250 | 6.000   | Ea   |
| 0370 | Plastic Drum, High Intensity, Oper                               | 8120251 | 6.000   | Ea   |
| 0380 | Sign, Portable, Changeable Message, Furn                         | 8120330 | 2.000   | Ea   |
| 0390 | Sign, Portable, Changeable Message, Oper                         | 8120331 | 2.000   | Ea   |
| 0400 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 496.000 | Sft  |
| 0410 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 496.000 | Sft  |
| 0420 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 220.000 | Sft  |
| 0430 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 220.000 | Sft  |
| 0440 | Traf Regulator Control   | 8120370 | 1.000   | LSUM |
| 0450 | Riprap, Plain  | 8130010 | 24.000  | Syd  |
| 0460 | Slope Restoration, Type B  | 8160101 | 180.000 | Syd  |
| 0470 | Slope Restoration, Type C  | 8160102 | 210.000 | Syd  |
| 0480 | Flowable Fill, Non-Structural                                    | 8260148 | 27.000  | Cyd  |

**Section: 2**

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0490 | Structures, Rem                          | 2040060 | 1.000     | LSUM |
| 0500 | Backfill, Swamp                          | 2050001 | 110.000   | Cyd  |
| 0510 | Excavation, Peat                         | 2050017 | 110.000   | Cyd  |
| 0520 | Backfill, Structure, CIP                 | 2060002 | 243.000   | Cyd  |
| 0530 | Excavation, Fdn                          | 2060010 | 757.000   | Cyd  |
| 0540 | Erosion Control, Filter Bag              | 2080014 | 4.000     | Ea   |
| 0550 | Erosion Control, Turbidity Curtain, Deep | 2080042 | 220.000   | Ft   |
| 0560 | Joint, Expansion, E3                     | 6020208 | 69.000    | Ft   |
| 0570 | Steel Sheet Piling, Permanent            | 7040001 | 2,950.000 | Sft  |
| 0580 | Cofferdams                               | 7040007 | 1.000     | LSUM |
| 0590 | Pile Driving Equipment, Furn             | 7050002 | 1.000     | LSUM |
| 0600 | Pile, CIP Conc, Furn and Driven, 14 inch | 7050022 | 3,495.000 | Ft   |
| 0610 | Test Pile, CIP Conc, 14 inch             | 7050023 | 6.000     | Ea   |
| 0620 | Pile Point, CIP Conc                     | 7050025 | 44.000    | Ea   |
| 0630 | Pile, Galv                               | 7050038 | 1.000     | LSUM |
| 0640 | Pile, Steel, Splice                      | 7050050 | 44.000    | Ea   |
| 0650 | Bridge Ltg, Furn and Rem                 | 7060001 | 1.000     | LSUM |
| 0660 | Bridge Ltg, Oper and Maintain            | 7060002 | 119.000   | Cyd  |
| 0670 | Conc, Grade T                            | 7060013 | 90.000    | Cyd  |
| 0680 | False Decking                            | 7060060 | 4,940.000 | Sft  |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0690 | Reinforcement, Steel, Epoxy Coated                         | 7060092 | 28,994.000 | Lb   |
| 0700 | Substructure Conc  | 7060100 | 165.000    | Cyd  |
| 0710 | Superstructure Conc, Form, Finish, and Cure, Night Casting | 7060112 | 1.000      | LSUM |
| 0720 | Superstructure Conc, Night Casting                         | 7060113 | 119.000    | Cyd  |
| 0730 | Bearing, Elastomeric, 1 inch                               | 7070012 | 15,040.000 | Sin  |
| 0740 | Prest Conc Deck, 21 inch                                   | 7080003 | 4,941.000  | Sft  |
| 0750 | Post Tensioning  | 7080015 | 1.000      | LSUM |
| 0760 | Joint Waterproofing  | 7100001 | 495.000    | Sft  |
| 0770 | _ Silane Treatment   | 7107010 | 6,900.000  | Sft  |
| 0780 | Bridge Railing, 2 Tube                                     | 7110008 | 218.000    | Ft   |
| 0790 | Bolt, Adhesive Anchored, 3/4 inch                          | 7120042 | 18.000     | Ea   |
| 0800 | _ Riprap, Heavy, Modified                                  | 8137011 | 205.000    | Syd  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 008

**Letting Date:** June 7, 2019

**Contract ID:** 41000-205168

**Description:** Bridge removal and replacement with a precast three sided culvert and approach work on 76th Street over Buck Creek, Kent County. This is a Local Agency Project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205168A        | 1900691                | N/A                 | BHT 41000       |

**List of Items by Section**

| Line Num          | Item Description                          | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | _ Railroad Inspection and Flagging        | 1047060 | 10,000.000 | Dir   |
| 0020              | _ Railroad Protection                     | 1047060 | 5,000.000  | Dir   |
| 0030              | Mobilization, Max \$108,500.00            | 1500001 | 1.000      | LSUM  |
| 0040              | Curb and Gutter, Rem                      | 2040020 | 3,241.000  | Ft    |
| 0050              | Exploratory Investigation, Vertical       | 2040080 | 160.000    | Ft    |
| 0060              | Excavation, Earth                         | 2050016 | 1,235.000  | Cyd   |
| 0070              | _ Roadway Grading                         | 2057011 | 9,252.000  | Syd   |
| 0080              | _ Project Cleanup, Modified               | 2097051 | 1.000      | LSUM  |
| 0090              | Subbase, CIP                              | 3010002 | 1,198.000  | Cyd   |
| 0100              | _ Aggregate Base, CIP, Modified           | 3027021 | 280.000    | Cyd   |
| 0110              | _ Aggregate Base, Modified                | 3027031 | 250.000    | Ton   |
| 0120              | Approach, CI I, CIP                       | 3070002 | 146.000    | Cyd   |
| 0130              | Sewer, CI E, 12 inch, Tr Det B            | 4020600 | 48.000     | Ft    |
| 0140              | Dr Structure Cover, Adj, Case 1           | 4030005 | 9.000      | Ea    |
| 0150              | Dr Structure Cover, Type C                | 4030015 | 3.000      | Ea    |
| 0160              | Dr Structure Cover, Type K                | 4030050 | 5.000      | Ea    |
| 0170              | Dr Structure, 48 inch dia                 | 4030210 | 6.000      | Ea    |
| 0180              | _ Catch Basin Trap and Hood               | 4037050 | 8.000      | Ea    |
| 0190              | _ Dr Structure Cover, Salvage and Install | 4037050 | 2.000      | Ea    |
| 0200              | Underdrain, Outlet Ending, 6 inch         | 4040113 | 4.000      | Ea    |
| 0210              | _ Underdrain, Subbase, 6 inch, Modified   | 4047001 | 3,162.000  | Ft    |
| 0220              | Cold Milling HMA Surface                  | 5010002 | 9,253.000  | Syd   |
| 0230              | HMA Surface, Rem                          | 5010005 | 1,160.000  | Syd   |
| 0240              | HMA, 2C                                   | 5010030 | 2,367.000  | Ton   |
| 0250              | HMA, 5E3                                  | 5010057 | 969.000    | Ton   |
| 0260              | HMA Approach                              | 5010061 | 154.000    | Ton   |
| 0270              | Curb and Gutter, Conc, Det B2             | 8020016 | 454.000    | Ft    |
| 0280              | Curb and Gutter, Conc, Det F4             | 8020038 | 2,410.000  | Ft    |



|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0290 | Driveway Opening, Conc, Det M                                    | 8020050 | 658.000   | Ft   |
| 0300 | _ Curb and Gutter, Bridge Approach, Modified                     | 8027001 | 68.000    | Ft   |
| 0310 | Guardrail, Curved, Type B  | 8070010 | 13.000    | Ft   |
| 0320 | Guardrail Anch, Bridge, Det T3                                   | 8070024 | 4.000     | Ea   |
| 0330 | Guardrail Approach Terminal, Type 2B                             | 8070042 | 3.000     | Ea   |
| 0340 | Guardrail Departing Terminal, Type B                             | 8070050 | 1.000     | Ea   |
| 0350 | Guardrail Reflector  | 8070080 | 32.000    | Ea   |
| 0360 | Post, Mailbox  | 8070095 | 9.000     | Ea   |
| 0370 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                           | 8110114 | 140.000   | Ft   |
| 0380 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 875.000   | Ft   |
| 0390 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 4,000.000 | Ft   |
| 0400 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                           | 8110405 | 2.000     | Ea   |
| 0410 | Pavt Mrkg, Polyurea, Railroad Sym                                | 8110411 | 4.000     | Ea   |
| 0420 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                           | 8110412 | 2.000     | Ea   |
| 0430 | Pavt Mrkg, Polyurea, Thru Arrow Sym                              | 8110418 | 2.000     | Ea   |
| 0440 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 15.000    | Ea   |
| 0450 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 15.000    | Ea   |
| 0460 | Channelizing Device, 42 inch, Furn                               | 8120030 | 50.000    | Ea   |
| 0470 | Channelizing Device, 42 inch, Oper                               | 8120031 | 50.000    | Ea   |
| 0480 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0490 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 231.000   | Sft  |
| 0500 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 231.000   | Sft  |
| 0510 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 105.000   | Sft  |
| 0520 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 105.000   | Sft  |
| 0530 | Traf Regulator Control   | 8120370 | 1.000     | LSUM |
| 0540 | _ Roadside Seeding   | 8157011 | 4,700.000 | Syd  |
| 0550 | Mulch Blanket  | 8160027 | 1,200.000 | Syd  |
| 0560 | Topsoil Surface, Furn, 4 inch                                    | 8160062 | 4,700.000 | Syd  |

**Section: 2**

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0570 | Curb and Gutter, Rem                                      | 2040020 | 484.000   | Ft   |
| 0580 | Structures, Rem   | 2040060 | 1.000     | LSUM |
| 0590 | Excavation, Earth   | 2050016 | 185.000   | Cyd  |
| 0600 | Excavation, Fdn   | 2060010 | 580.000   | Cyd  |
| 0610 | _ Backfill, Structure, CIP, Modified                      | 2067021 | 576.000   | Cyd  |
| 0620 | Erosion Control, Filter Bag                               | 2080014 | 3.000     | Ea   |
| 0630 | Erosion Control, Silt Fence                               | 2080036 | 580.000   | Ft   |
| 0640 | _ Culv, Precast Three-Sided, 27 foot by 7.5 foot, Furn    | 4067001 | 78.000    | Ft   |
| 0650 | _ Culv, Precast Three-Sided, 27 foot by 7.5 foot, Install | 4067001 | 78.000    | Ft   |
| 0660 | Steel Sheet Piling, Permanent                             | 7040001 | 2,340.000 | Sft  |
| 0670 | Steel Sheet Piling, Temp                                  | 7040002 | 814.000   | Sft  |
| 0680 | Pile Driving Equipment, Furn                              | 7050002 | 1.000     | LSUM |
| 0690 | Pile, Steel, Furn and Driven, 12 inch                     | 7050030 | 1,232.000 | Ft   |

|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 0700 | Test Pile, Steel, 12 inch                    | 7050031 | 2.000     | Ea  |
| 0710 | Pile, Steel, Splice                          | 7050050 | 2.000     | Ea  |
| 0720 | Conc, Grade S2                               | 7060011 | 140.000   | Cyd |
| 0730 | Conc, Grade T                                | 7060013 | 70.000    | Cyd |
| 0740 | False Decking                                | 7060060 | 2,160.000 | Sft |
| 0750 | Reinforcement, Steel, Epoxy Coated           | 7060092 | 9,844.000 | Lb  |
| 0760 | Joint Waterproofing                          | 7100001 | 1,280.000 | Sft |
| 0770 | Membrane, Preformed Waterproofing            | 7100008 | 2,130.000 | Sft |
| 0780 | Bridge Barrier Railing, Type 4, Modified     | 7110030 | 60.000    | Ft  |
| 0790 | _ Modular Block Retaining Wall (Large Block) | 8027010 | 564.000   | Sft |
| 0800 | _ Sidewalk, Modified                         | 8037021 | 25.000    | Cyd |
| 0810 | _ Fence, Chain Link, 48 inch, Modified       | 8087010 | 560.000   | Sft |
| 0820 | Riprap, Heavy                                | 8130006 | 115.000   | Ton |
| 0830 | Riprap, Plain                                | 8130010 | 12.000    | Syd |
| 0840 | Riprap, Plain                                | 8130011 | 15.000    | Ton |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 009

**Letting Date:** June 7, 2019

**Contract ID:** 77000-203474

**Description:** 0.75 mi of hot mix asphalt and concrete roundabout construction including concrete curb and gutter, culverts, drainage, sewer and pavement markings on Wadhams Road at Fred Moore Highway, St. Clair County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203474A        | 1900707                | N/A                 | HRRR 77000      |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$58,900.00                  | 1500001 | 1.000     | LSUM  |
| 0020              | Culv, Rem, Less than 24 inch                   | 2030001 | 3.000     | Ea    |
| 0030              | Culv, Rem, 24 inch to 48 inch                  | 2030002 | 2.000     | Ea    |
| 0040              | _ Pavt, Rem, Modified                          | 2047011 | 5,224.000 | Syd   |
| 0050              | Ditch Cleanout                                 | 2050006 | 2.000     | Sta   |
| 0060              | Embankment, CIP                                | 2050010 | 1,888.000 | Cyd   |
| 0070              | Excavation, Earth                              | 2050016 | 2,192.000 | Cyd   |
| 0080              | Subgrade Undercutting, Type II                 | 2050041 | 150.000   | Cyd   |
| 0090              | Erosion Control, Check Dam, Stone              | 2080012 | 35.000    | Ft    |
| 0100              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 5.000     | Ea    |
| 0110              | Project Cleanup                                | 2090001 | 1.000     | LSUM  |
| 0120              | Subbase, CIP                                   | 3010002 | 381.000   | Cyd   |
| 0130              | _ Aggregate Base, Modified                     | 3027031 | 1,350.000 | Ton   |
| 0140              | _ Approach, CI II, Modified                    | 3027031 | 67.000    | Ton   |
| 0150              | _ Shoulder, CI II, Modified                    | 3027031 | 110.000   | Ton   |
| 0160              | _ Geotextile Base Reinforcement                | 3087011 | 4,064.000 | Syd   |
| 0170              | Culv End Sect, Conc, 24 inch                   | 4010051 | 1.000     | Ea    |
| 0180              | Sewer, CI IV, 15 inch, Tr Det B                | 4020988 | 91.000    | Ft    |
| 0190              | Sewer, CI IV, 18 inch, Tr Det B                | 4020989 | 161.000   | Ft    |
| 0200              | Video Taping Sewer and Culv Pipe               | 4021275 | 1,140.000 | Ft    |
| 0210              | _ Sewer, CI IV, 18 inch, Modified              | 4027001 | 341.000   | Ft    |
| 0220              | _ Sewer, CI IV, 24 inch, Modified              | 4027001 | 262.000   | Ft    |
| 0230              | _ Sewer, CI IV, 36 inch, Modified              | 4027001 | 190.000   | Ft    |
| 0240              | _ Sewer, CI IV, CSP, 42 inch                   | 4027001 | 95.000    | Ft    |
| 0250              | Dr Structure Cover, Type B                     | 4030010 | 3.000     | Ea    |
| 0260              | Dr Structure Cover, Type G                     | 4030040 | 1.000     | Ea    |
| 0270              | Dr Structure Cover, Type J                     | 4030045 | 4.000     | Ea    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0280 | Dr Structure, 48 inch dia  | 4030210 | 3.000      | Ea   |
| 0290 | Dr Structure, 60 inch dia  | 4030220 | 3.000      | Ea   |
| 0300 | Dr Structure, 72 inch dia  | 4030230 | 2.000      | Ea   |
| 0310 | HMA, 3E10  | 5010046 | 448.000    | Ton  |
| 0320 | HMA, 4E10, High Stress   | 5010510 | 716.000    | Ton  |
| 0330 | Conc Pavt, Nonreinf, 9 inch                                      | 6020106 | 1,284.000  | Syd  |
| 0340 | Joint, Contraction, Cp   | 6020200 | 1,251.000  | Ft   |
| 0350 | Joint, Expansion, E2   | 6020207 | 236.000    | Ft   |
| 0360 | _ Conc Pavt, Colored, Nonreinf, 6 inch                           | 6027011 | 694.000    | Syd  |
| 0370 | _ Conc Pavt, Colored, Nonreinf, 9 inch                           | 6027011 | 299.000    | Syd  |
| 0380 | Curb and Gutter, Conc, Det B1                                    | 8020015 | 484.000    | Ft   |
| 0390 | Curb and Gutter, Conc, Det B2                                    | 8020016 | 1,424.000  | Ft   |
| 0400 | Spillway, Conc   | 8020075 | 68.000     | Ft   |
| 0410 | _ Curb and Gutter, Det B2, Modified                              | 8027001 | 1,581.000  | Ft   |
| 0420 | _ Curb and Gutter, Det D1, Modified                              | 8027001 | 361.000    | Ft   |
| 0430 | Pavt Mrkg, Polyurea, 4 inch, Yellow                              | 8110092 | 3,438.000  | Ft   |
| 0440 | Pavt Mrkg, Polyurea, 6 inch, White                               | 8110094 | 2,849.000  | Ft   |
| 0450 | Pavt Mrkg, Polyurea, Yield                                       | 8110103 | 4.000      | Ea   |
| 0460 | Pavt Mrkg, Polyurea, 12 inch, White                              | 8110111 | 263.000    | Ft   |
| 0470 | Recessing Pavt Mrkg, Transv                                      | 8110451 | 499.000    | Sft  |
| 0480 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 20.000     | Ea   |
| 0490 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 20.000     | Ea   |
| 0500 | Channelizing Device, 42 inch, Furn                               | 8120030 | 50.000     | Ea   |
| 0510 | Channelizing Device, 42 inch, Oper                               | 8120031 | 50.000     | Ea   |
| 0520 | Lighted Arrow, Type C, Furn                                      | 8120140 | 4.000      | Ea   |
| 0530 | Lighted Arrow, Type C, Oper                                      | 8120141 | 4.000      | Ea   |
| 0540 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0550 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 11,095.000 | Ft   |
| 0560 | Plastic Drum, High Intensity, Furn                               | 8120250 | 12.000     | Ea   |
| 0570 | Plastic Drum, High Intensity, Oper                               | 8120251 | 12.000     | Ea   |
| 0580 | Sign Cover   | 8120310 | 35.000     | Ea   |
| 0590 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 4.000      | Ea   |
| 0600 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 4.000      | Ea   |
| 0610 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,042.000  | Sft  |
| 0620 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,042.000  | Sft  |
| 0630 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 240.000    | Sft  |
| 0640 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 240.000    | Sft  |
| 0650 | Traf Regulator Control   | 8120370 | 1.000      | LSUM |
| 0660 | Riprap, Plain  | 8130010 | 20.000     | Syd  |
| 0670 | Rhus aromatica Gro-Low, #2 cont.                                 | 8153166 | 24.000     | Ea   |
| 0680 | Thuja occidentalis Emerald, 6 foot                               | 8153811 | 4.000      | Ea   |
| 0690 | _ Slope Restoration, Modified                                    | 8167011 | 3,400.000  | Syd  |

|      |  |         |           |    |
|------|--|---------|-----------|----|
| 0700 | Wood Pole, Rem                                 | 8190505 | 1.000     | Ea |
| 0710 | Guy, Rem                                       | 8200167 | 2.000     | Ea |
| 0720 | _ Monument Box, Special                        | 8217050 | 1.000     | Ea |
| 0730 | Non-Freeway Shoulder Corrugations, Milled, HMA | 8220025 | 1,364.000 | Ft |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 010**Letting Date:** June 7, 2019**Contract ID:** 13016-125818-2

**Description:** Bridge reconstruction with 60 inch prestressed concrete bulb-tee beams, steel diaphragms, cofferdams, concrete bridge approach, curb and gutter, hot mix asphalt approach reconstruction, culverts, sewer, drainage, signage, guardrail and pavement markings on M-311 over the Kalamazoo River, Calhoun County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 125818A        | 1900190                | N/A                 | ST 13016        |

**List of Items by Section**

| Line Num          | Item Description                                 | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$329,700.00                   | 1500001 | 1.000     | LSUM  |
| 0020              | Clearing   | 2010001 | 0.510     | Acre  |
| 0030              | Stump, Rem, 19 inch to 36 inch                   | 2020006 | 1.000     | Ea    |
| 0040              | Stump, Rem, 6 inch to 18 inch                    | 2020008 | 27.000    | Ea    |
| 0050              | Fence, Rem                                       | 2040025 | 213.000   | Ft    |
| 0060              | Guardrail, Rem                                   | 2040035 | 1,228.000 | Ft    |
| 0070              | Pavt, Rem  | 2040050 | 2,634.000 | Syd   |
| 0080              | Backfill, Swamp                                  | 2050001 | 607.000   | Cyd   |
| 0090              | Embankment, CIP                                  | 2050010 | 2,496.000 | Cyd   |
| 0100              | Excavation, Earth                                | 2050016 | 3,444.000 | Cyd   |
| 0110              | Excavation, Peat                                 | 2050017 | 607.000   | Cyd   |
| 0120              | Subgrade Undercutting, Type II                   | 2050041 | 50.000    | Cyd   |
| 0130              | Erosion Control, Check Dam, Stone                | 2080012 | 16.000    | Ft    |
| 0140              | Erosion Control, Gravel Access Approach          | 2080016 | 2.000     | Ea    |
| 0150              | Erosion Control, Inlet Protection, Fabric Drop   | 2080020 | 6.000     | Ea    |
| 0160              | Erosion Control, Inlet Protection, Sediment Trap | 2080024 | 3.000     | Ea    |
| 0170              | Erosion Control, Maintenance, Sediment Removal   | 2080026 | 30.000    | Cyd   |
| 0180              | Erosion Control, Silt Fence                      | 2080036 | 1,532.000 | Ft    |
| 0190              | Subbase, CIP                                     | 3010002 | 1,770.000 | Cyd   |
| 0200              | Aggregate Base                                   | 3020001 | 338.000   | Ton   |
| 0210              | Aggregate Base, 3 inch                           | 3020008 | 1,065.000 | Syd   |
| 0220              | Aggregate Base, 6 inch                           | 3020016 | 4,056.000 | Syd   |
| 0230              | Aggregate Base, 8 inch                           | 3020020 | 86.000    | Syd   |
| 0240              | Maintenance Gravel, LM                           | 3060021 | 50.000    | Cyd   |
| 0250              | Shoulder, CI II, 4 inch                          | 3070126 | 738.000   | Syd   |
| 0260              | Geotextile, Stabilization                        | 3080010 | 1,000.000 | Syd   |
| 0270              | Culv End Sect, 12 inch                           | 4010012 | 1.000     | Ea    |

|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 0280 | Culv End Sect, 18 inch                                 | 4010018 | 2.000     | Ea  |
| 0290 | Dr Marker Post   | 4011109 | 2.000     | Ea  |
| 0300 | Outfall Label  | 4011115 | 1.000     | Ea  |
| 0310 | Sewer, CI A, 18 inch, Tr Det B                         | 4020035 | 230.000   | Ft  |
| 0320 | Sewer, CI E, 12 inch, Tr Det B                         | 4020600 | 104.000   | Ft  |
| 0330 | Dr Structure Cover, Type C                             | 4030015 | 2.000     | Ea  |
| 0340 | Dr Structure Cover, Type G                             | 4030040 | 3.000     | Ea  |
| 0350 | Dr Structure, 48 inch dia                              | 4030210 | 5.000     | Ea  |
| 0360 | Underdrain, Subbase, 6 inch                            | 4040063 | 940.000   | Ft  |
| 0370 | Underdrain Outlet, 6 inch                              | 4040093 | 6.000     | Ft  |
| 0380 | Underdrain, Outlet Ending, 6 inch                      | 4040113 | 6.000     | Ea  |
| 0390 | HMA Surface, Rem                                       | 5010005 | 2,634.000 | Syd |
| 0400 | HMA Quality Initiative                                 | 5010007 | 2,546.000 | Dlr |
| 0410 | Longitudinal Joint Density Quality Initiative          | 5010018 | 5,194.000 | Dlr |
| 0420 | Hand Patching  | 5010025 | 20.000    | Ton |
| 0430 | HMA Approach   | 5010061 | 1,275.000 | Ton |
| 0440 | Conc Pavt, Curing Horizontal Surfaces                  | 6020159 | 178.000   | Syd |
| 0450 | Joint, Expansion, E3                                   | 6020208 | 80.000    | Ft  |
| 0460 | Conc Quality Initiative                                | 6020401 | 60.000    | Dlr |
| 0470 | Conc Pavt, Bridge Approach, Reinf, High Performance    | 7060003 | 178.000   | Syd |
| 0480 | Curb and Gutter, Bridge Approach                       | 8020010 | 136.000   | Ft  |
| 0490 | Curb and Gutter, Conc, Det D2                          | 8020031 | 118.000   | Ft  |
| 0500 | Guardrail, Type B                                      | 8070000 | 38.000    | Ft  |
| 0510 | Guardrail, Type MGS-8                                  | 8070004 | 795.000   | Ft  |
| 0520 | Guardrail, Curved, Type B                              | 8070010 | 76.000    | Ft  |
| 0530 | Guardrail Anch, Bridge, Det T1                         | 8070022 | 3.000     | Ea  |
| 0540 | Guardrail Anch, Bridge, Det T2                         | 8070023 | 1.000     | Ea  |
| 0550 | Guardrail Approach Terminal, Type 2B                   | 8070042 | 1.000     | Ea  |
| 0560 | Guardrail Approach Terminal, Type 2M                   | 8070044 | 2.000     | Ea  |
| 0570 | Guardrail Departing Terminal, Type B                   | 8070050 | 1.000     | Ea  |
| 0580 | Guardrail Reflector                                    | 8070080 | 46.000    | Ea  |
| 0590 | Post, Mailbox  | 8070095 | 2.000     | Ea  |
| 0600 | Delineator Reflector, Green                            | 8100133 | 6.000     | Ea  |
| 0610 | Post, Rigid, Delineator                                | 8100361 | 6.000     | Ea  |
| 0620 | Post, Steel, 3 lb                                      | 8100371 | 250.000   | Ft  |
| 0630 | Sign, Type III, Rem                                    | 8100403 | 13.000    | Ea  |
| 0640 | Sign, Type IIIA  | 8100404 | 15.000    | Sft |
| 0650 | Sign, Type IIIB  | 8100405 | 24.000    | Sft |
| 0660 | Sign, Type VB  | 8100425 | 20.000    | Sft |
| 0670 | Reflective Panel for Permanent Sign Support, 6 foot    | 8100616 | 2.000     | Ea  |
| 0680 | Pavt Mrkg, Waterborne, 4 inch, Yellow                  | 8110232 | 1,073.000 | Ft  |
| 0690 | Pavt Mrkg, Waterborne, 6 inch, White                   | 8110233 | 917.000   | Ft  |
| 0700 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 1,073.000 | Ft  |
| 0710 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White  | 8110253 | 917.000   | Ft  |
| 0720 | Rem Curing Compound, for Longit Mrkg, 4 inch           | 8110307 | 269.000   | Ft  |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0730 | Rem Curing Compound, for Longit Mrkg, 6 inch                     | 8110308 | 430.000   | Ft   |
| 0740 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 20.000    | Ea   |
| 0750 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 20.000    | Ea   |
| 0760 | Ltg for Night Work   | 8120160 | 1.000     | LSUM |
| 0770 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0780 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 50.000    | Ea   |
| 0790 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 50.000    | Ea   |
| 0800 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 2.000     | Ea   |
| 0810 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 2.000     | Ea   |
| 0820 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,123.000 | Sft  |
| 0830 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,123.000 | Sft  |
| 0840 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 523.000   | Sft  |
| 0850 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 523.000   | Sft  |
| 0860 | Riprap, Plain  | 8130010 | 12.000    | Syd  |
| 0870 | Ditch, Plain Cobble  | 8140005 | 144.000   | Syd  |
| 0880 | Site Preparation, Max 1605                                       | 8150001 | 1.000     | LSUM |
| 0890 | Watering and Cultivating, First Season, Min 909.5                | 8150002 | 1.000     | LSUM |
| 0900 | Watering and Cultivating, Second Season, Min 1123.5              | 8150003 | 1.000     | LSUM |
| 0910 | Acer rubrum, 1 3/4 inch  | 8150148 | 4.000     | Ea   |
| 0920 | Acer saccharinum, 1 1/2 inch                                     | 8150163 | 3.000     | Ea   |
| 0930 | Pinus strobus, 5 foot  | 8152870 | 8.000     | Ea   |
| 0940 | Fertilizer, Chemical Nutrient, CI A                              | 8160020 | 195.000   | Lb   |
| 0950 | Mulch Anchoring  | 8160026 | 335.000   | Syd  |
| 0960 | Mulch Blanket  | 8160027 | 659.000   | Syd  |
| 0970 | Mulch Blanket, High Velocity                                     | 8160028 | 3,445.000 | Syd  |
| 0980 | Seeding, Mixture THM   | 8160039 | 188.000   | Lb   |
| 0990 | Topsoil Surface, Furn, 4 inch                                    | 8160062 | 4,104.000 | Syd  |
| 1000 | Contractor Staking   | 8240001 | 1.000     | LSUM |
| 1010 | Staking Plan Errors and Extras, One Person                       | 8240020 | 26.000    | Hr   |
| 1020 | Staking Plan Errors and Extras, Two Person                       | 8240021 | 11.000    | Hr   |
| 1030 | Staking Plan Errors and Extras, Three Person                     | 8240022 | 16.000    | Hr   |

**Section: 2**

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 1040 | Structures, Rem (B02 of 13016)                          | 2040060 | 1.000     | LSUM |
| 1050 | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 5,706.000 | Cyd  |
| 1060 | Backfill, Structure, CIP                                | 2060002 | 2,995.000 | Cyd  |
| 1070 | Excavation, Fdn   | 2060010 | 100.000   | Cyd  |
| 1080 | _ Excavation, Rock Fdn, Special                         | 2067021 | 449.000   | Cyd  |
| 1090 | Erosion Control, Filter Bag                             | 2080014 | 6.000     | Ea   |
| 1100 | Erosion Control, Gravel Filter Berm                     | 2080018 | 180.000   | Ft   |
| 1110 | Erosion Control, Sand Bag                               | 2080028 | 4,704.000 | Ea   |
| 1120 | Erosion Control, Temp Plastic Sheet/Geotextile Cover    | 2080040 | 991.000   | Syd  |



|      |   |         |             |      |
|------|---|---------|-------------|------|
| 1130 | Erosion Control, Turbidity Curtain, Deep                                  | 2080042 | 389.000     | Ft   |
| 1140 | Underdrain, Fdn, 4 inch   | 4040031 | 341.000     | Ft   |
| 1150 | Underdrain Outlet, 4 inch   | 4040091 | 40.000      | Ft   |
| 1160 | Underdrain, Outlet Ending, 4 inch   | 4040111 | 4.000       | Ea   |
| 1170 | Cofferdams (B02 of 13016)   | 7040007 | 1.000       | LSUM |
| 1180 | _ Cofferdam on Rock, Left in Place (B02 of 13016)                         | 7047051 | 1.000       | LSUM |
| 1190 | Bridge Ltg, Furn and Rem (B02 of 13016)                                   | 7060001 | 1.000       | LSUM |
| 1200 | Bridge Ltg, Oper and Maintain   | 7060002 | 277.000     | Cyd  |
| 1210 | Conc, Grade T   | 7060013 | 862.000     | Cyd  |
| 1220 | Expansion Joint Device  | 7060050 | 40.000      | Ft   |
| 1230 | False Decking   | 7060060 | 5,408.000   | Sft  |
| 1240 | Reinforcement, Steel, Epoxy Coated  | 7060092 | 79,159.000  | Lb   |
| 1250 | Substructure Conc, High Performance                                       | 7060101 | 406.000     | Cyd  |
| 1260 | Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 13016) | 7060112 | 1.000       | LSUM |
| 1270 | Superstructure Conc, Night Casting, High Performance                      | 7060117 | 277.000     | Cyd  |
| 1280 | Bearing, Elastomeric, 2 3/4 inch  | 7070019 | 5,280.000   | Sin  |
| 1290 | Steel Diaphragm, Prest Conc Beam, Furn and Fab                            | 7070053 | 2,908.000   | Lb   |
| 1300 | Steel Diaphragm, Prest Conc Beam, Erect                                   | 7070054 | 2,908.000   | Lb   |
| 1310 | Prest Conc Bulb-Tee Beam, Furn, 60 inch by 49 inch                        | 7080130 | 884.000     | Ft   |
| 1320 | Prest Conc Bulb-Tee Beam, Erect, 60 inch by 49 inch                       | 7080131 | 884.000     | Ft   |
| 1330 | Joint Waterproofing   | 7100001 | 560.000     | Sft  |
| 1340 | _ Silane Treatment  | 7107010 | 6,363.000   | Sft  |
| 1350 | Reflective Marker, Permanent Barrier                                      | 7110003 | 8.000       | Ea   |
| 1360 | Bridge Railing, Aesthetic Parapet Tube, High Performance                  | 7110004 | 403.000     | Ft   |
| 1370 | _ Riprap, Angular Fieldstone, Class II                                    | 8137031 | 1,378.000   | Ton  |
| 1380 | _ Contaminated Water Removal and Storage                                  | 8507022 | 370,420.000 | Gal  |
| 1390 | _ Contaminated Water Transport and Disposal                               | 8507022 | 370,420.000 | Gal  |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 011

**Letting Date:** June 7, 2019

**Contract ID:** 30834-132112

**Description:** 3.89 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, and sidewalk ramps, slope restoration and pavement markings on Old M-99 (Beck Road) both north and south sections and on M-99 from Steamburg Road north to Hallett Street in the cities of Hillsdale and Jonesville, Hillsdale County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 132112A        | N/A                    | N/A                 | M 30834         |
| 200984A        | N/A                    | N/A                 | M 30041         |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$86,400.00                  | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                           | 2040020 | 45.000     | Ft    |
| 0030              | Pavt, Rem                                      | 2040050 | 38.000     | Syd   |
| 0040              | Sidewalk, Rem                                  | 2040055 | 17.000     | Syd   |
| 0050              | _ Machine Grading, Special                     | 2057011 | 38.000     | Syd   |
| 0060              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 25.000     | Ea    |
| 0070              | Aggregate Base, 4 inch                         | 3020010 | 55.000     | Syd   |
| 0080              | Shoulder, CI II                                | 3070121 | 1,134.000  | Ton   |
| 0090              | Dr Structure Cover, Adj, Case 1, Modified      | 4030004 | 8.000      | Ea    |
| 0100              | Dr Structure Cover, Type B                     | 4030010 | 6.000      | Ea    |
| 0110              | Dr Structure, Temp Lowering                    | 4030390 | 8.000      | Ea    |
| 0120              | Pavt, Cleaning                                 | 5010001 | 1.000      | LSUM  |
| 0130              | Cold Milling HMA Surface                       | 5010002 | 70,990.000 | Syd   |
| 0140              | HMA Quality Initiative                         | 5010007 | 12,658.000 | Dlr   |
| 0150              | Longitudinal Joint Density Quality Initiative  | 5010018 | 28,310.000 | Dlr   |
| 0160              | Hand Patching                                  | 5010025 | 7.000      | Ton   |
| 0170              | HMA, 5E1                                       | 5010056 | 6,012.000  | Ton   |
| 0180              | HMA Approach                                   | 5010061 | 310.000    | Ton   |
| 0190              | Conc Base Cse, Nonreinf, 8 inch                | 6020019 | 38.000     | Syd   |
| 0200              | Lane Tie, Epoxy Anchored                       | 6030030 | 28.000     | Ea    |
| 0210              | Curb and Gutter, Conc, Det F4                  | 8020038 | 30.000     | Ft    |
| 0220              | Curb Ramp Opening, Conc                        | 8030030 | 16.000     | Ft    |
| 0230              | Sidewalk Ramp, Conc, 6 inch                    | 8030036 | 100.000    | Sft   |
| 0240              | Sidewalk, Conc, 4 inch                         | 8030044 | 50.000     | Sft   |
| 0250              | _ Detectable Warning Surface, Cast Iron        | 8037001 | 10.000     | Ft    |

|      |   |         |            |      |
|------|---|---------|------------|------|
| 0260 | Reflective Panel for Permanent Sign Support, 6 foot           | 8100616 | 28.000     | Ea   |
| 0270 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk                        | 8110093 | 137.000    | Ft   |
| 0280 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                        | 8110114 | 186.000    | Ft   |
| 0290 | Pavt Mrkg, Waterborne, 4 inch, White                          | 8110231 | 1,110.000  | Ft   |
| 0300 | Pavt Mrkg, Waterborne, 4 inch, Yellow                         | 8110232 | 26,904.000 | Ft   |
| 0310 | Pavt Mrkg, Waterborne, 6 inch, White                          | 8110233 | 29,852.000 | Ft   |
| 0320 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White         | 8110251 | 1,110.000  | Ft   |
| 0330 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow        | 8110252 | 26,904.000 | Ft   |
| 0340 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White         | 8110253 | 29,852.000 | Ft   |
| 0350 | Witness, Log, \$1,000.00                                      | 8110350 | 1,000.000  | Dir  |
| 0360 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                        | 8110405 | 1.000      | Ea   |
| 0370 | Pavt Mrkg, Polyurea, Railroad Sym                             | 8110411 | 2.000      | Ea   |
| 0380 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                        | 8110412 | 1.000      | Ea   |
| 0390 | Pavt Mrkg, Polyurea, School                                   | 8110414 | 2.000      | Ea   |
| 0400 | Pedestrian Type II Barricade, Temp                            | 8120026 | 4.000      | Ea   |
| 0410 | Channelizing Device, 42 inch, Fluorescent, Furn               | 8120035 | 200.000    | Ea   |
| 0420 | Channelizing Device, 42 inch, Fluorescent, Oper               | 8120036 | 200.000    | Ea   |
| 0430 | Lighted Arrow, Type C, Furn                                   | 8120140 | 4.000      | Ea   |
| 0440 | Lighted Arrow, Type C, Oper                                   | 8120141 | 4.000      | Ea   |
| 0450 | Minor Traf Devices  | 8120170 | 1.000      | LSUM |
| 0460 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 328.000    | Ft   |
| 0470 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 3,272.000  | Ft   |
| 0480 | Plastic Drum, Fluorescent, Furn                               | 8120252 | 50.000     | Ea   |
| 0490 | Plastic Drum, Fluorescent, Oper                               | 8120253 | 50.000     | Ea   |
| 0500 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar    | 8120265 | 24.000     | Ft   |
| 0510 | Sign Cover  | 8120310 | 20.000     | Ea   |
| 0520 | Sign, Portable, Changeable Message, Furn                      | 8120330 | 4.000      | Ea   |
| 0530 | Sign, Portable, Changeable Message, Oper                      | 8120331 | 4.000      | Ea   |
| 0540 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 2,000.000  | Sft  |
| 0550 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 2,000.000  | Sft  |
| 0560 | Traf Regulator Control  | 8120370 | 1.000      | LSUM |
| 0570 | Slope Restoration, Type A                                     | 8160100 | 15.000     | Syd  |
| 0580 | Centerline Corrugations, Milled, HMA                          | 8220013 | 6,125.000  | Ft   |
| 0590 | _ Railroad Protection, at Grade Crossing                      | 8507060 | 4,000.000  | Dir  |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 012

**Letting Date:** June 7, 2019

**Contract ID:** 47041-132122

**Description:** 4.03 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, shoulder gravel, signals and pavement markings on M-36 from Kelly Road easterly to the east limits of the village of Pinckney, in the village of Pinckney, Livingston County. This project includes two 3 year materials and workmanship pavement warranties.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 132122A        | N/A                    | N/A                 | M 47041         |
| 132596A        | 1900708                | N/A                 | ST 47041        |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$117,900.00                          | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                                    | 2040020 | 1,486.000  | Ft    |
| 0030              | Pavt, Rem   | 2040050 | 677.000    | Syd   |
| 0040              | Sidewalk, Rem   | 2040055 | 1,045.000  | Syd   |
| 0050              | Excavation, Earth                                       | 2050016 | 75.000     | Cyd   |
| 0060              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 30.000     | Cyd   |
| 0070              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 40.000     | Ea    |
| 0080              | Project Cleanup   | 2090001 | 1.000      | LSUM  |
| 0090              | Aggregate Base, 6 inch                                  | 3020016 | 687.000    | Syd   |
| 0100              | Approach, CI II   | 3070021 | 42.000     | Ton   |
| 0110              | Shoulder, CI II   | 3070121 | 1,334.000  | Ton   |
| 0120              | Dr Structure Cover, Adj, Case 1                         | 4030005 | 3.000      | Ea    |
| 0130              | Pavt, Cleaning  | 5010001 | 1.000      | LSUM  |
| 0140              | Cold Milling HMA Surface                                | 5010002 | 36,092.000 | Syd   |
| 0150              | HMA Surface, Rem  | 5010005 | 621.000    | Syd   |
| 0160              | HMA Quality Initiative                                  | 5010007 | 13,830.000 | Dlr   |
| 0170              | Pavt for Butt Joints, Rem                               | 5010008 | 1,529.000  | Syd   |
| 0180              | Longitudinal Joint Density Quality Initiative           | 5010018 | 23,380.000 | Dlr   |
| 0190              | Pavt Joint and Crack Repr, Det 7                        | 5010020 | 489.000    | Ft    |
| 0200              | Pavt Joint and Crack Repr, Det 8                        | 5010021 | 1,466.000  | Ft    |
| 0210              | Hand Patching   | 5010025 | 320.000    | Ton   |
| 0220              | HMA, 5E3  | 5010057 | 6,113.000  | Ton   |
| 0230              | HMA Approach  | 5010061 | 479.000    | Ton   |
| 0240              | _ Conc Pavt, Decorative, Nonreinf, 9 1/2 inch           | 6027011 | 430.000    | Syd   |
| 0250              | Driveway, Nonreinf Conc, 6 inch                         | 8010005 | 244.000    | Syd   |

|      |   |         |            |      |
|------|---|---------|------------|------|
| 0260 | Curb and Gutter, Conc, Det B2                                   | 8020016 | 110.000    | Ft   |
| 0270 | Curb and Gutter, Conc, Det F3                                   | 8020037 | 35.000     | Ft   |
| 0280 | Curb and Gutter, Conc, Det F4                                   | 8020038 | 345.000    | Ft   |
| 0290 | Valley Gutter, Conc   | 8020060 | 49.000     | Ft   |
| 0300 | Detectable Warning Surface                                      | 8030010 | 316.000    | Ft   |
| 0310 | Curb Ramp Opening, Conc   | 8030030 | 636.000    | Ft   |
| 0320 | Sidewalk Ramp, Conc, 6 inch                                     | 8030036 | 3,112.000  | Sft  |
| 0330 | Sidewalk, Conc, 4 inch  | 8030044 | 2,978.000  | Sft  |
| 0340 | _ Sidewalk Ramp, Conc, 6 inch, Decorative                       | 8037010 | 901.000    | Sft  |
| 0350 | _ Sidewalk, Conc, 4 inch, Decorative                            | 8037010 | 1,138.000  | Sft  |
| 0360 | Post Hole Through Conc for Steel Post                           | 8100340 | 2.000      | Ea   |
| 0370 | Post, Steel, 3 lb   | 8100371 | 56.000     | Ft   |
| 0380 | Sign, Type III, Erect, Salv                                     | 8100402 | 6.000      | Ea   |
| 0390 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                 | 8110024 | 2,116.000  | Ft   |
| 0400 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk                | 8110041 | 110.000    | Ft   |
| 0410 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                 | 8110045 | 184.000    | Ft   |
| 0420 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                 | 8110063 | 2.000      | Ea   |
| 0430 | Pavt Mrkg, Ovly Cold Plastic, Only                              | 8110068 | 2.000      | Ea   |
| 0440 | Pavt Mrkg, Ovly Cold Plastic, School                            | 8110074 | 2.000      | Ea   |
| 0450 | Pavt Mrkg, Waterborne, 4 inch, White                            | 8110231 | 195.000    | Ft   |
| 0460 | Pavt Mrkg, Waterborne, 4 inch, Yellow                           | 8110232 | 36,131.000 | Ft   |
| 0470 | Pavt Mrkg, Waterborne, 6 inch, White                            | 8110233 | 29,518.000 | Ft   |
| 0480 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White           | 8110251 | 195.000    | Ft   |
| 0490 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow          | 8110252 | 36,131.000 | Ft   |
| 0500 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White           | 8110253 | 29,518.000 | Ft   |
| 0510 | Rem Spec Mrkg   | 8110343 | 191.000    | Sft  |
| 0520 | Witness, Log, \$1,000.00  | 8110350 | 1,000.000  | Dir  |
| 0530 | Pedestrian Type II Barricade, Temp                              | 8120026 | 12.000     | Ea   |
| 0540 | Channelizing Device, 42 inch, Fluorescent, Furn                 | 8120035 | 580.000    | Ea   |
| 0550 | Channelizing Device, 42 inch, Fluorescent, Oper                 | 8120036 | 580.000    | Ea   |
| 0560 | Lighted Arrow, Type C, Furn                                     | 8120140 | 6.000      | Ea   |
| 0570 | Lighted Arrow, Type C, Oper                                     | 8120141 | 6.000      | Ea   |
| 0580 | Minor Traf Devices  | 8120170 | 1.000      | LSUM |
| 0590 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 36,131.000 | Ft   |
| 0600 | Plastic Drum, Fluorescent, Furn                                 | 8120252 | 24.000     | Ea   |
| 0610 | Plastic Drum, Fluorescent, Oper                                 | 8120253 | 24.000     | Ea   |
| 0620 | Sign Cover  | 8120310 | 10.000     | Ea   |
| 0630 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn       | 8120332 | 2.000      | Ea   |
| 0640 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper       | 8120333 | 2.000      | Ea   |
| 0650 | Sign, Type B, Temp, Prismatic, Furn                             | 8120350 | 2,000.000  | Sft  |
| 0660 | Sign, Type B, Temp, Prismatic, Oper                             | 8120351 | 2,000.000  | Sft  |
| 0670 | Traf Regulator Control  | 8120370 | 1.000      | LSUM |
| 0680 | _ Turf Establishment, Performance                               | 8167011 | 145.000    | Syd  |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0690 | Hh, Adj                                      | 8190244 | 3.000      | Ea   |
| 0700 | Traf Loop                                    | 8200170 | 2.000      | Ea   |
| 0710 | TS Face, Bag                                 | 8200458 | 8.000      | Ea   |
| 0720 | TS Face, Bag, Rem                            | 8200459 | 8.000      | Ea   |
| 0730 | Protect Corners                              | 8210020 | 5.000      | Ea   |
| 0740 | Centerline Corrugations, Milled, HMA         | 8220013 | 12,556.000 | Ft   |
| 0750 | Gate Box, Adj, Case 2                        | 8230432 | 9.000      | Ea   |
| 0760 | Contractor Staking                           | 8240001 | 1.000      | LSUM |
| 0770 | Staking Plan Errors and Extras, One Person   | 8240020 | 8.000      | Hr   |
| 0780 | Staking Plan Errors and Extras, Two Person   | 8240021 | 3.000      | Hr   |
| 0790 | Staking Plan Errors and Extras, Three Person | 8240022 | 5.000      | Hr   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 013

**Letting Date:** June 7, 2019

**Contract ID:** 38111-201002

**Description:** 1.58 mi of hot mix asphalt cold milling with single course overlay, micro-surface, warranty, shoulder gravel and pavement markings on US-127 from Ayres Road northerly to Floyd Avenue, Jackson County. This project includes a 2 year pavement performance warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 201002A        | 1900748                | N/A                 | NH 38111        |

**List of Items by Section**

| Line Num          | Item Description                                       | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$40,600.00                          | 1500001 | 1.000      | LSUM  |
| 0020              | Shoulder, CI II  | 3070121 | 412.000    | Ton   |
| 0030              | Pavt, Cleaning   | 5010001 | 1.000      | LSUM  |
| 0040              | Cold Milling HMA Surface                               | 5010002 | 4,012.000  | Syd   |
| 0050              | Longitudinal Joint Density Quality Initiative          | 5010018 | 2,100.000  | Dlr   |
| 0060              | HMA, 5E10  | 5010058 | 317.000    | Ton   |
| 0070              | HMA Approach   | 5010061 | 31.000     | Ton   |
| 0080              | _ Bump Rem   | 5017051 | 1.000      | LSUM  |
| 0090              | Overband Crack Fill, Lane                              | 5020003 | 7.570      | Lnmi  |
| 0100              | Micro-Surface, Warranty                                | 5040030 | 52,409.000 | Syd   |
| 0110              | Post, Wood, 4 inch by 6 inch                           | 8100380 | 32.000     | Ft    |
| 0120              | Sign, Type VB  | 8100425 | 13.000     | Sft   |
| 0130              | Reflective Panel for Permanent Sign Support, 6 foot    | 8100616 | 14.000     | Ea    |
| 0140              | Pavt Mrkg, Waterborne, 4 inch, White                   | 8110231 | 250.000    | Ft    |
| 0150              | Pavt Mrkg, Waterborne, 4 inch, Yellow                  | 8110232 | 19,998.000 | Ft    |
| 0160              | Pavt Mrkg, Waterborne, 6 inch, White                   | 8110233 | 15,998.000 | Ft    |
| 0170              | Pavt Mrkg, Waterborne, 6 inch, Yellow                  | 8110234 | 56.000     | Ft    |
| 0180              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White  | 8110251 | 250.000    | Ft    |
| 0190              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow | 8110252 | 19,998.000 | Ft    |
| 0200              | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White  | 8110253 | 15,998.000 | Ft    |
| 0210              | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow | 8110254 | 56.000     | Ft    |
| 0220              | Rem Spec Mrkg  | 8110343 | 232.000    | Sft   |
| 0230              | Witness, Log, \$1,000.00                               | 8110350 | 1,000.000  | Dlr   |
| 0240              | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                 | 8110405 | 9.000      | Ea    |
| 0250              | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                 | 8110412 | 3.000      | Ea    |
| 0260              | Channelizing Device, 42 inch, Fluorescent, Furn        | 8120035 | 200.000    | Ea    |
| 0270              | Channelizing Device, 42 inch, Fluorescent, Oper        | 8120036 | 200.000    | Ea    |

|      |   |         |            |      |
|------|---|---------|------------|------|
| 0280 | Lighted Arrow, Type C, Furn                                   | 8120140 | 2.000      | Ea   |
| 0290 | Lighted Arrow, Type C, Oper                                   | 8120141 | 2.000      | Ea   |
| 0300 | Ltg for Night Work  | 8120160 | 1.000      | LSUM |
| 0310 | Minor Traf Devices  | 8120170 | 1.000      | LSUM |
| 0320 | Mobile Attenuator   | 8120180 | 1.000      | Ea   |
| 0330 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                  | 8120210 | 36,052.000 | Ft   |
| 0340 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 1,050.000  | Ft   |
| 0350 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 100.000    | Ft   |
| 0360 | Plastic Drum, Fluorescent, Furn                               | 8120252 | 58.000     | Ea   |
| 0370 | Plastic Drum, Fluorescent, Oper                               | 8120253 | 58.000     | Ea   |
| 0380 | Sign Cover  | 8120310 | 8.000      | Ea   |
| 0390 | Sign, Portable, Changeable Message, Furn                      | 8120330 | 4.000      | Ea   |
| 0400 | Sign, Portable, Changeable Message, Oper                      | 8120331 | 4.000      | Ea   |
| 0410 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 500.000    | Sft  |
| 0420 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 500.000    | Sft  |
| 0430 | Traf Regulator Control  | 8120370 | 1.000      | LSUM |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 014

**Letting Date:** June 7, 2019

**Contract ID:** 33051-124071

**Description:** 0.14 mi of hot mix asphalt offset right turn lane, concrete curb and gutter, sewer, drainage and pavement markings on M-43 westbound at M-52 northbound, Ingham County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 124071A        | 1900772                | N/A                 | HSIP 33051      |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$29,100.00                  | 1500001 | 1.000     | LSUM  |
| 0020              | Dr Structure, Rem                              | 2030011 | 1.000     | Ea    |
| 0030              | Sewer, Rem, Less than 24 inch                  | 2030015 | 100.000   | Ft    |
| 0040              | Curb and Gutter, Rem                           | 2040020 | 245.000   | Ft    |
| 0050              | Pavt, Rem                                      | 2040050 | 397.000   | Syd   |
| 0060              | Embankment, CIP                                | 2050010 | 488.000   | Cyd   |
| 0070              | Excavation, Earth                              | 2050016 | 1,220.000 | Cyd   |
| 0080              | Erosion Control, Check Dam, Stone              | 2080012 | 20.000    | Ft    |
| 0090              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 7.000     | Ea    |
| 0100              | Erosion Control, Sediment Trap                 | 2080034 | 1.000     | Ea    |
| 0110              | Erosion Control, Silt Fence                    | 2080036 | 700.000   | Ft    |
| 0120              | Subbase, CIP                                   | 3010002 | 573.000   | Cyd   |
| 0130              | Aggregate Base, 6 inch                         | 3020016 | 2,296.000 | Syd   |
| 0140              | Shoulder, CI II, 6 inch                        | 3070128 | 65.000    | Syd   |
| 0150              | Sewer, CI B, 12 inch, Tr Det B                 | 4020183 | 118.000   | Ft    |
| 0160              | Sewer, CI B, 18 inch, Tr Det B                 | 4020185 | 106.000   | Ft    |
| 0170              | Dr Structure Cover, Adj, Case 2                | 4030006 | 1.000     | Ea    |
| 0180              | Dr Structure Cover, Type C                     | 4030015 | 4.000     | Ea    |
| 0190              | Dr Structure Cover, Type G                     | 4030040 | 1.000     | Ea    |
| 0200              | Dr Structure, 48 inch dia                      | 4030210 | 5.000     | Ea    |
| 0210              | Underdrain, Subbase, 6 inch                    | 4040063 | 1,071.000 | Ft    |
| 0220              | Underdrain Outlet, 6 inch                      | 4040093 | 100.000   | Ft    |
| 0230              | Underdrain, Outlet Ending, 6 inch              | 4040113 | 2.000     | Ea    |
| 0240              | Cold Milling HMA Surface                       | 5010002 | 571.000   | Syd   |
| 0250              | HMA Surface, Rem                               | 5010005 | 955.000   | Syd   |
| 0260              | HMA Approach                                   | 5010061 | 635.000   | Ton   |
| 0270              | Curb and Gutter, Conc, Det B2                  | 8020016 | 445.000   | Ft    |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Driveway Opening, Conc, Det M                                    | 8020050 | 109.000   | Ft   |
| 0290 | Post, Steel, 3 lb  | 8100371 | 76.000    | Ft   |
| 0300 | Sign, Type II, Rem   | 8100397 | 1.000     | Ea   |
| 0310 | Sign, Type III, Rem  | 8100403 | 2.000     | Ea   |
| 0320 | Sign, Type IIIB  | 8100405 | 14.000    | Sft  |
| 0330 | Sign, Type VB  | 8100425 | 6.000     | Sft  |
| 0340 | Pavt Mrkg, Polyurea, 12 inch, White                              | 8110111 | 215.000   | Ft   |
| 0350 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 1,400.000 | Ft   |
| 0360 | Pavt Mrkg, Waterborne, 6 inch, White                             | 8110233 | 1,200.000 | Ft   |
| 0370 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 1,400.000 | Ft   |
| 0380 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White            | 8110253 | 1,200.000 | Ft   |
| 0390 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                           | 8110412 | 3.000     | Ea   |
| 0400 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000     | Ea   |
| 0410 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 4.000     | Ea   |
| 0420 | Lighted Arrow, Type C, Furn                                      | 8120140 | 1.000     | Ea   |
| 0430 | Lighted Arrow, Type C, Oper                                      | 8120141 | 1.000     | Ea   |
| 0440 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0450 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 8,800.000 | Ft   |
| 0460 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 4,800.000 | Ft   |
| 0470 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 5,300.000 | Ft   |
| 0480 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 100.000   | Ea   |
| 0490 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 100.000   | Ea   |
| 0500 | Sign Cover   | 8120310 | 5.000     | Ea   |
| 0510 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 3.000     | Ea   |
| 0520 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 3.000     | Ea   |
| 0530 | Sign, Type A, Temp, Prismatic, Furn                              | 8120340 | 20.000    | Sft  |
| 0540 | Sign, Type A, Temp, Prismatic, Oper                              | 8120341 | 20.000    | Sft  |
| 0550 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 590.000   | Sft  |
| 0560 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 590.000   | Sft  |
| 0570 | Traf Regulator Control   | 8120370 | 1.000     | LSUM |
| 0580 | _ Driveway Maintenance   | 8127050 | 1.000     | Ea   |
| 0590 | Slope Restoration, Type A  | 8160100 | 500.000   | Syd  |
| 0600 | Slope Restoration, Type B  | 8160101 | 1,000.000 | Syd  |
| 0610 | Contractor Staking, Road Only                                    | 8240007 | 1.000     | LSUM |
| 0620 | Staking Plan Errors and Extras, One Person                       | 8240020 | 3.000     | Hr   |
| 0630 | Staking Plan Errors and Extras, Two Person                       | 8240021 | 1.000     | Hr   |
| 0640 | Staking Plan Errors and Extras, Three Person                     | 8240022 | 2.000     | Hr   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 015

**Letting Date:** June 7, 2019

**Contract ID:** 63000-202007

**Description:** 111.01 mi of enhanced guardrail delineation along existing guardrail runs on various routes, Macomb, Oakland and Wayne Counties.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202007A        | 1900754                | N/A                 | HSIP 63000      |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity    | Units |
|-------------------|--|---------|-------------|-------|
| <b>Section: 1</b> |  |         |             |       |
| 0010              | Mobilization, Max \$24,800.00                                | 1500001 | 1.000       | LSUM  |
| 0020              | _ Enhanced Delineation, Bidirectional, Guardrail, Post Mount | 8117001 | 227,875.000 | Ft    |
| 0030              | Barricade, Type III, High Intensity, Lighted, Furn           | 8120022 | 6.000       | Ea    |
| 0040              | Barricade, Type III, High Intensity, Lighted, Oper           | 8120023 | 6.000       | Ea    |
| 0050              | Channelizing Device, 42 inch, Fluorescent, Furn              | 8120035 | 40.000      | Ea    |
| 0060              | Channelizing Device, 42 inch, Fluorescent, Oper              | 8120036 | 40.000      | Ea    |
| 0070              | Minor Traf Devices   | 8120170 | 1.000       | LSUM  |
| 0080              | Mobile Attenuator  | 8120180 | 4.000       | Ea    |
| 0090              | Sign, Type B, Temp, Prismatic, Furn                          | 8120350 | 98.000      | Sft   |
| 0100              | Sign, Type B, Temp, Prismatic, Oper                          | 8120351 | 98.000      | Sft   |
| 0110              | Contractor Staking, Road Only                                | 8240007 | 1.000       | LSUM  |
| 0120              | Staking Plan Errors and Extras, One Person                   | 8240020 | 2.000       | Hr    |
| 0130              | Staking Plan Errors and Extras, Two Person                   | 8240021 | 1.000       | Hr    |
| 0140              | Staking Plan Errors and Extras, Three Person                 | 8240022 | 2.000       | Hr    |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 016

**Letting Date:** June 7, 2019

**Contract ID:** 70023-123859

**Description:** 0.37 mi of hot mix asphalt reconstruction, concrete pavement, curb, gutter, sidewalk and ramps, drainage, signals and pavement markings on I-196BL at 112th Avenue, Ottawa County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 123859A        | 1900771                | N/A                 | HSIP 70023      |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$59,000.00                           | 1500001 | 1.000     | LSUM  |
| 0020              | Dr Structure, Rem                                       | 2030011 | 1.000     | Ea    |
| 0030              | Curb and Gutter, Rem                                    | 2040020 | 590.000   | Ft    |
| 0040              | Pavt, Rem   | 2040050 | 1,435.000 | Syd   |
| 0050              | Sidewalk, Rem   | 2040055 | 51.000    | Syd   |
| 0060              | Ditch Cleanout  | 2050006 | 5.000     | Sta   |
| 0070              | Excavation, Earth                                       | 2050016 | 1,913.000 | Cyd   |
| 0080              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 200.000   | Cyd   |
| 0090              | Subgrade Undercutting, Type II                          | 2050041 | 500.000   | Cyd   |
| 0100              | _ Embankment, CIP, Special                              | 2057021 | 337.000   | Cyd   |
| 0110              | Erosion Control, Check Dam, Stone                       | 2080012 | 25.000    | Ft    |
| 0120              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 2.000     | Ea    |
| 0130              | Erosion Control, Inlet Protection, Sediment Trap        | 2080024 | 1.000     | Ea    |
| 0140              | Erosion Control, Sediment Trap                          | 2080034 | 3.000     | Ea    |
| 0150              | Erosion Control, Silt Fence                             | 2080036 | 455.000   | Ft    |
| 0160              | Project Cleanup   | 2090001 | 1.000     | LSUM  |
| 0170              | Subbase, CIP  | 3010002 | 1,224.000 | Cyd   |
| 0180              | Aggregate Base, 6 inch                                  | 3020016 | 6,603.000 | Syd   |
| 0190              | Shoulder, CI II, 6 inch                                 | 3070128 | 643.000   | Syd   |
| 0200              | Culv End Sect, 15 inch                                  | 4010015 | 2.000     | Ea    |
| 0210              | Culv End Sect, 18 inch                                  | 4010018 | 2.000     | Ea    |
| 0220              | Culv, CI E, 18 inch                                     | 4010541 | 180.000   | Ft    |
| 0230              | Sewer, CI E, 15 inch, Tr Det D                          | 4020661 | 97.000    | Ft    |
| 0240              | Sewer Tap, 15 inch                                      | 4021205 | 1.000     | Ea    |
| 0250              | Trench Undercut and Backfill                            | 4021260 | 50.000    | Cyd   |
| 0260              | Video Taping Sewer and Culv Pipe                        | 4021275 | 460.000   | Ft    |
| 0270              | Dr Structure Cover, Adj, Case 1                         | 4030005 | 1.000     | Ea    |

|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 0280 | Dr Structure Cover, Adj, Case 2                            | 4030006 | 1.000     | Ea  |
| 0290 | Dr Structure Cover, Type J                                 | 4030045 | 1.000     | Ea  |
| 0300 | Dr Structure, 24 inch dia                                  | 4030200 | 1.000     | Ea  |
| 0310 | Dr Structure, Adj, Add Depth                               | 4030280 | 2.000     | Ft  |
| 0320 | Underdrain, Subbase, 6 inch                                | 4040063 | 1,328.000 | Ft  |
| 0330 | Underdrain Outlet, 6 inch                                  | 4040093 | 60.000    | Ft  |
| 0340 | Underdrain, Outlet Ending, 6 inch                          | 4040113 | 6.000     | Ea  |
| 0350 | HMA Surface, Rem   | 5010005 | 4,829.000 | Syd |
| 0360 | HMA Quality Initiative                                     | 5010007 | 3,976.000 | Dlr |
| 0370 | Hand Patching  | 5010025 | 20.000    | Ton |
| 0380 | HMA Approach   | 5010061 | 710.000   | Ton |
| 0390 | HMA Approach, High Stress                                  | 5010520 | 1,258.000 | Ton |
| 0400 | Conc Pavt, Nonreinf, 9 inch                                | 6020106 | 49.000    | Syd |
| 0410 | Conc Quality Initiative                                    | 6020401 | 89.000    | Dlr |
| 0420 | Curb, Conc, Det E2   | 8020002 | 26.000    | Ft  |
| 0430 | Curb and Gutter, Conc, Det B2                              | 8020016 | 669.000   | Ft  |
| 0440 | Driveway Opening, Conc, Det M                              | 8020050 | 186.000   | Ft  |
| 0450 | Detectable Warning Surface                                 | 8030010 | 24.000    | Ft  |
| 0460 | Curb Ramp Opening, Conc                                    | 8030030 | 32.000    | Ft  |
| 0470 | Sidewalk Ramp, Conc, 6 inch                                | 8030036 | 54.000    | Sft |
| 0480 | Sidewalk, Conc, 6 inch                                     | 8030046 | 740.000   | Sft |
| 0490 | Post, Mailbox  | 8070095 | 2.000     | Ea  |
| 0500 | Delineator, Reflective Sheeting, 3 inch by 12 inch, Red    | 8100139 | 3.000     | Ea  |
| 0510 | Delineator, Reflective Sheeting, 3 inch by 12 inch, Green  | 8100144 | 8.000     | Ea  |
| 0520 | Delineator, Reflective Sheeting, 3 inch by 12 inch, White  | 8100145 | 6.000     | Ea  |
| 0530 | Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow | 8100146 | 4.000     | Ea  |
| 0540 | Perforated Steel Square Tube Breakaway System              | 8100330 | 2.000     | Ea  |
| 0550 | Delineator, Rem  | 8100349 | 14.000    | Ea  |
| 0560 | Post, Rigid, Delineator                                    | 8100361 | 21.000    | Ea  |
| 0570 | Post, Steel, 3 lb  | 8100371 | 660.000   | Ft  |
| 0580 | Post, Wood, 4 inch by 6 inch                               | 8100380 | 310.000   | Ft  |
| 0590 | Sign, Type II, Erect, Salv                                 | 8100396 | 2.000     | Ea  |
| 0600 | Sign, Type II, Rem   | 8100397 | 3.000     | Ea  |
| 0610 | Sign, Type IIA   | 8100398 | 222.000   | Sft |
| 0620 | Sign, Type IIB   | 8100399 | 17.000    | Sft |
| 0630 | Sign, Type III, Erect, Salv                                | 8100402 | 2.000     | Ea  |
| 0640 | Sign, Type III, Rem  | 8100403 | 8.000     | Ea  |
| 0650 | Sign, Type IIIA  | 8100404 | 115.000   | Sft |
| 0660 | Sign, Type IIIB  | 8100405 | 120.000   | Sft |
| 0670 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym            | 8110063 | 8.000     | Ea  |
| 0680 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym            | 8110071 | 9.000     | Ea  |
| 0690 | Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym               | 8110078 | 4.000     | Ea  |
| 0700 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk                     | 8110093 | 212.000   | Ft  |

|      |   |         |            |      |
|------|---|---------|------------|------|
| 0710 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow       | 8110109 | 54.000     | Ft   |
| 0720 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                    | 8110114 | 173.000    | Ft   |
| 0730 | Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White    | 8110221 | 154.000    | Ft   |
| 0740 | Pavt Mrkg, Waterborne, 4 inch, White                      | 8110231 | 3,529.000  | Ft   |
| 0750 | Pavt Mrkg, Waterborne, 4 inch, Yellow                     | 8110232 | 1,101.000  | Ft   |
| 0760 | Pavt Mrkg, Waterborne, 6 inch, White                      | 8110233 | 3,893.000  | Ft   |
| 0770 | Pavt Mrkg, Waterborne, 6 inch, Yellow                     | 8110234 | 3,796.000  | Ft   |
| 0780 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White     | 8110251 | 3,529.000  | Ft   |
| 0790 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow    | 8110252 | 1,101.000  | Ft   |
| 0800 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White     | 8110253 | 3,893.000  | Ft   |
| 0810 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow    | 8110254 | 3,796.000  | Ft   |
| 0820 | Rem Spec Mrkg   | 8110343 | 140.000    | Sft  |
| 0830 | Recessing Pavt Mrkg, Longit                               | 8110450 | 12,319.000 | Ft   |
| 0840 | Recessing Pavt Mrkg, Transv                               | 8110451 | 461.000    | Sft  |
| 0850 | Recessing Pavt Mrkg, Turning Guide Line                   | 8110452 | 154.000    | Sft  |
| 0860 | Lighted Arrow, Type C, Furn                               | 8120140 | 2.000      | Ea   |
| 0870 | Lighted Arrow, Type C, Oper                               | 8120141 | 2.000      | Ea   |
| 0880 | Minor Traf Devices  | 8120170 | 1.000      | LSUM |
| 0890 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem              | 8120210 | 100.000    | Ft   |
| 0900 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem         | 8120211 | 61.000     | Ft   |
| 0910 | Plastic Drum, Fluorescent, Furn                           | 8120252 | 77.000     | Ea   |
| 0920 | Plastic Drum, Fluorescent, Oper                           | 8120253 | 77.000     | Ea   |
| 0930 | Sign Cover  | 8120310 | 2.000      | Ea   |
| 0940 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 2.000      | Ea   |
| 0950 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 2.000      | Ea   |
| 0960 | Sign, Type A, Temp, Prismatic, Furn                       | 8120340 | 20.000     | Sft  |
| 0970 | Sign, Type A, Temp, Prismatic, Oper                       | 8120341 | 20.000     | Sft  |
| 0980 | Sign, Type B, Temp, Prismatic, Furn                       | 8120350 | 880.000    | Sft  |
| 0990 | Sign, Type B, Temp, Prismatic, Oper                       | 8120351 | 880.000    | Sft  |
| 1000 | Sign, Type B, Temp, Prismatic, Special, Furn              | 8120352 | 244.000    | Sft  |
| 1010 | Sign, Type B, Temp, Prismatic, Special, Oper              | 8120353 | 244.000    | Sft  |
| 1020 | Slope Restoration, Type A                                 | 8160100 | 1,206.000  | Syd  |
| 1030 | Slope Restoration, Type B                                 | 8160101 | 3,353.000  | Syd  |
| 1040 | Cable Pole, TS, Disman                                    | 8190010 | 1.000      | Ea   |
| 1050 | Conduit, DB, 1, 1 1/2 inch                                | 8190027 | 60.000     | Ft   |
| 1060 | Conduit, DB, 3, 3 inch                                    | 8190035 | 10.000     | Ft   |
| 1070 | Conduit, Directional Bore, 3 inch                         | 8190044 | 75.000     | Ft   |
| 1080 | Conduit, Rem  | 8190140 | 80.000     | Ft   |
| 1090 | Hh, Rem   | 8190254 | 3.000      | Ea   |
| 1100 | Hh, Round   | 8190260 | 3.000      | Ea   |
| 1110 | Case Sign, Rem  | 8200020 | 1.000      | Ea   |
| 1120 | Case Sign (LED), One Way, 24 inch by 30 inch              | 8200029 | 3.000      | Ea   |
| 1130 | Pedestal, Alum  | 8200100 | 2.000      | Ea   |

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|      |   |         |        |      |
|------|---|---------|--------|------|
| 1140 | Pedestal, Fdn   | 8200105 | 4.000  | Ea   |
| 1150 | Pedestal Fdn, Rem                                       | 8200106 | 4.000  | Ea   |
| 1160 | Pushbutton, Rem   | 8200122 | 6.000  | Ea   |
| 1170 | Pushbutton Pedestal, Alum                               | 8200123 | 2.000  | Ea   |
| 1180 | Pushbutton Pedestal, Rem                                | 8200124 | 4.000  | Ea   |
| 1190 | Pushbutton and Sign, Salv                               | 8200126 | 4.000  | Ea   |
| 1200 | TS, Pedestrian, Bracket Arm Mtd, Rem                    | 8200180 | 4.000  | Ea   |
| 1210 | TS, Span Wire Mtd, Rem                                  | 8200182 | 4.000  | Ea   |
| 1220 | TS, One Way Span Wire Mtd                               | 8200190 | 1.000  | Ea   |
| 1230 | TS, Pedestrian, One Way Bracket Arm Mtd, Salv           | 8200226 | 2.000  | Ea   |
| 1240 | TS, Pedestrian, One Way Pedestal Mtd (LED)<br>Countdown | 8200345 | 2.000  | Ea   |
| 1250 | Wireless Vehicle Sensor Node, Rem                       | 8200426 | 15.000 | Ea   |
| 1260 | Wireless Vehicle Sensor Node, Salv                      | 8200427 | 6.000  | Ea   |
| 1270 | Contractor Staking, Road Only                           | 8240007 | 1.000  | LSUM |
| 1280 | Staking Plan Errors and Extras, One Person              | 8240020 | 6.000  | Hr   |
| 1290 | Staking Plan Errors and Extras, Two Person              | 8240021 | 3.000  | Hr   |
| 1300 | Staking Plan Errors and Extras, Three Person            | 8240022 | 4.000  | Hr   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 017

**Letting Date:** June 7, 2019

**Contract ID:** 82000-203546

**Description:** 1.57 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, sidewalk and ramps, signing and pavement markings on Eureka Road from Toledo Road to Fort Street (M-85) in the city of Southgate, Wayne County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203546A        | 1900615                | N/A                 | NH 82000        |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$257,800.00                 | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                           | 2040020 | 546.000    | Ft    |
| 0030              | Sidewalk, Rem                                  | 2040055 | 450.000    | Syd   |
| 0040              | _ Misc Pavt, Rem, Patching                     | 2047011 | 4,500.000  | Syd   |
| 0050              | _ Misc Obstruction, Rem                        | 2047021 | 20.000     | Cyd   |
| 0060              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 54.000     | Ea    |
| 0070              | Erosion Control, Maintenance, Sediment Removal | 2080026 | 10.000     | Cyd   |
| 0080              | Project Cleanup                                | 2090001 | 1.000      | LSUM  |
| 0090              | Dr Structure, Cleaning                         | 4030290 | 10.000     | Ea    |
| 0100              | Dr Structure, Temp Lowering                    | 4030390 | 30.000     | Ea    |
| 0110              | _ Misc Structure Reconstruct                   | 4037001 | 15.000     | Ft    |
| 0120              | _ Misc San Structure Cover, Adj                | 4037050 | 4.000      | Ea    |
| 0130              | _ Misc San Structure Cover, Adj, Furn Cover    | 4037050 | 1.000      | Ea    |
| 0140              | _ Misc Structure Cover, Adj                    | 4037050 | 69.000     | Ea    |
| 0150              | _ Misc Structure Cover, Adj, Furn Cover A      | 4037050 | 3.000      | Ea    |
| 0160              | _ Misc Structure Cover, Adj, Furn Cover S      | 4037050 | 7.000      | Ea    |
| 0170              | Cold Milling HMA Surface                       | 5010002 | 62,700.000 | Syd   |
| 0180              | Pavt Joint and Crack Repr, Det 8               | 5010021 | 300.000    | Ft    |
| 0190              | Hand Patching                                  | 5010025 | 50.000     | Ton   |
| 0200              | HMA, 4E10                                      | 5010052 | 7,795.000  | Ton   |
| 0210              | HMA, 5E10                                      | 5010058 | 5,431.000  | Ton   |
| 0220              | HMA Approach                                   | 5010061 | 156.000    | Ton   |
| 0230              | _ Misc Bit Mixture for Patching, Temp          | 5017031 | 50.000     | Ton   |
| 0240              | _ Misc Conditioning Existing Pavement          | 5017031 | 850.000    | Ton   |
| 0250              | Joint, Contraction, Cp                         | 6020200 | 1,800.000  | Ft    |
| 0260              | Joint, Expansion, E2                           | 6020207 | 270.000    | Ft    |
| 0270              | Lane Tie, Epoxy Anchored                       | 6030030 | 660.000    | Ea    |



|      |  |         |            |      |
|------|--|---------|------------|------|
| 0280 | _ Misc Pavt Repr, Nonreinf Conc, Patching                        | 6037011 | 4,500.000  | Syd  |
| 0290 | _ Misc Conc Curb Cap   | 8027001 | 900.000    | Ft   |
| 0300 | _ Misc Conc Curb Cap, Patching                                   | 8027001 | 1,000.000  | Ft   |
| 0310 | Detectable Warning Surface                                       | 8030010 | 310.000    | Ft   |
| 0320 | Curb Ramp Opening, Conc  | 8030030 | 647.000    | Ft   |
| 0330 | Sidewalk Ramp, Conc, 4 inch                                      | 8030034 | 3,351.000  | Sft  |
| 0340 | Sidewalk, Conc, 4 inch   | 8030044 | 1,765.000  | Sft  |
| 0350 | _ Sidewalk Ramp, Conc, 8 inch                                    | 8037010 | 3,200.000  | Sft  |
| 0360 | _ Misc Field Office  | 8097043 | 3.000      | Mo   |
| 0370 | _ Misc Sign, Type B, Perm  | 8107010 | 366.000    | Sft  |
| 0380 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 2,100.000  | Ft   |
| 0390 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 650.000    | Ft   |
| 0400 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 9.000      | Ea   |
| 0410 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 2.000      | Ea   |
| 0420 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 4,400.000  | Ft   |
| 0430 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 16,300.000 | Ft   |
| 0440 | Rem Spec Mrkg  | 8110343 | 48.000     | Sft  |
| 0450 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 15.000     | Ea   |
| 0460 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 15.000     | Ea   |
| 0470 | Barricade, Type III, High Intensity, Lighted, Furn               | 8120022 | 50.000     | Ea   |
| 0480 | Barricade, Type III, High Intensity, Lighted, Oper               | 8120023 | 50.000     | Ea   |
| 0490 | Lighted Arrow, Type C, Furn                                      | 8120140 | 4.000      | Ea   |
| 0500 | Lighted Arrow, Type C, Oper                                      | 8120141 | 4.000      | Ea   |
| 0510 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0520 | Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp                    | 8120230 | 1,600.000  | Ft   |
| 0530 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp                   | 8120231 | 1,600.000  | Ft   |
| 0540 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 1,600.000  | Ft   |
| 0550 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 1,600.000  | Ft   |
| 0560 | Plastic Drum, High Intensity, Furn                               | 8120250 | 600.000    | Ea   |
| 0570 | Plastic Drum, High Intensity, Oper                               | 8120251 | 600.000    | Ea   |
| 0580 | Sign Cover   | 8120310 | 12.000     | Ea   |
| 0590 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,063.000  | Sft  |
| 0600 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,063.000  | Sft  |
| 0610 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 32.000     | Sft  |
| 0620 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 32.000     | Sft  |
| 0630 | Traf Regulator Control   | 8120370 | 1.000      | LSUM |
| 0640 | Topsoil Surface, Furn, 2 inch                                    | 8160060 | 1,100.000  | Syd  |
| 0650 | Water, Sodding/Seeding   | 8160090 | 60.000     | Unit |
| 0660 | _ Sodding, Modified  | 8167011 | 1,100.000  | Syd  |
| 0670 | Monument Box Adjust  | 8210005 | 3.000      | Ea   |
| 0680 | Monument Preservation  | 8210010 | 3.000      | Ea   |
| 0690 | Monument Preservation, Vertical                                  | 8210015 | 1.000      | Ea   |

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|      |  |         |        |      |
|------|--|---------|--------|------|
| 0700 | Water Shutoff, Adj, Case 1                   | 8230421 | 1.000  | Ea   |
| 0710 | Staking Plan Errors and Extras, One Person   | 8240020 | 30.000 | Hr   |
| 0720 | Staking Plan Errors and Extras, Two Person   | 8240021 | 12.000 | Hr   |
| 0730 | Staking Plan Errors and Extras, Three Person | 8240022 | 18.000 | Hr   |
| 0740 | _ Contractor Staking, Modified               | 8247051 | 1.000  | LSUM |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 018

**Letting Date:** June 7, 2019

**Contract ID:** 63000-205136

**Description:** 7.63 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalks, sidewalk ramps, culverts, sewer, drainage, guardrail and pavement markings on Dixie Highway from Oak Hill Road to I-75, Oakland County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205136A        | 1900715                | N/A                 | STL 63000       |

**List of Items by Section**

| Line Num          | Item Description                                       | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$232,700.00                         | 1500001 | 1.000     | LSUM  |
| 0020              | Curb and Gutter, Rem                                   | 2040020 | 40.000    | Ft    |
| 0030              | Fence, Rem   | 2040025 | 10.000    | Ft    |
| 0040              | Guardrail, Rem   | 2040035 | 4,669.000 | Ft    |
| 0050              | Pavt, Rem  | 2040050 | 1,000.000 | Syd   |
| 0060              | Structures, Rem  | 2040060 | 1.000     | LSUM  |
| 0070              | _ Exploration for Utility Location                     | 2047021 | 50.000    | Cyd   |
| 0080              | Embankment, CIP  | 2050010 | 810.000   | Cyd   |
| 0090              | Excavation, Earth                                      | 2050016 | 400.000   | Cyd   |
| 0100              | _ Backfill, Select, RCOC                               | 2067021 | 15.000    | Cyd   |
| 0110              | _ Erosion Control, Silt Fence, RCOC                    | 2087001 | 5,165.000 | Ft    |
| 0120              | _ Erosion Control, Inlet Protection, Fabric Drop, RCOC | 2087050 | 9.000     | Ea    |
| 0130              | _ Aggregate Base, 4 inch, CIP, 21AA, RCOC              | 3027011 | 73.000    | Syd   |
| 0140              | _ Aggregate Base, 6 inch, CIP, 21AA, RCOC              | 3027011 | 10.000    | Syd   |
| 0150              | _ Aggregate Base, 9.5 inch, CIP, 21AA, RCOC            | 3027011 | 1,350.000 | Syd   |
| 0160              | _ Shoulder, 21AA                                       | 3077031 | 3,190.000 | Ton   |
| 0170              | Culv End Sect, Conc, 24 inch                           | 4010051 | 1.000     | Ea    |
| 0180              | Culv, CI A, Conc, 15 inch                              | 4010166 | 28.000    | Ft    |
| 0190              | Sewer, CI IV, 12 inch, Tr Det B                        | 4020987 | 74.000    | Ft    |
| 0200              | Sewer, CI IV, 15 inch, Tr Det B                        | 4020988 | 818.000   | Ft    |
| 0210              | Sewer, CI IV, 24 inch, Tr Det B                        | 4020993 | 23.000    | Ft    |
| 0220              | Sewer, CI IV, 36 inch, Tr Det B                        | 4020995 | 10.000    | Ft    |
| 0230              | Video Taping Sewer and Culv Pipe                       | 4021275 | 841.000   | Ft    |
| 0240              | Dr Structure Cover, Adj, Case 1                        | 4030005 | 3.000     | Ea    |
| 0250              | Dr Structure Cover, Type B                             | 4030010 | 9.000     | Ea    |
| 0260              | Dr Structure Cover, Type C                             | 4030015 | 9.000     | Ea    |
| 0270              | Dr Structure, 24 inch dia                              | 4030200 | 9.000     | Ea    |

|      |   |         |             |      |
|------|---|---------|-------------|------|
| 0280 | Dr Structure, 48 inch dia                                 | 4030210 | 9.000       | Ea   |
| 0290 | Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot | 4030250 | 14.000      | Ft   |
| 0300 | _ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC         | 4047001 | 820.000     | Ft   |
| 0310 | Cold Milling HMA Surface                                  | 5010002 | 15,578.000  | Syd  |
| 0320 | HMA Surface, Rem  | 5010005 | 1,440.000   | Syd  |
| 0330 | Hand Patching   | 5010025 | 180.000     | Ton  |
| 0340 | HMA, 3E1  | 5010044 | 140.000     | Ton  |
| 0350 | HMA, 4E1  | 5010050 | 160.000     | Ton  |
| 0360 | HMA, 5E1  | 5010056 | 19,376.000  | Ton  |
| 0370 | _ HMA Approach (Commercial)                               | 5017031 | 5.000       | Ton  |
| 0380 | _ Pavt, Cleaning, RCOC                                    | 5017051 | 1.000       | LSUM |
| 0390 | Conc Base Cse, Nonreinf, 6 inch                           | 6020015 | 45.000      | Syd  |
| 0400 | _ Gabion Wall   | 7067011 | 12.000      | Syd  |
| 0410 | Curb and Gutter, Conc, Det B2                             | 8020016 | 210.000     | Ft   |
| 0420 | Curb and Gutter, Conc, Det D2                             | 8020031 | 820.000     | Ft   |
| 0430 | _ Driveway Opening, Conc, Det M, RCOC                     | 8027001 | 58.000      | Ft   |
| 0440 | Detectable Warning Surface                                | 8030010 | 30.000      | Ft   |
| 0450 | Curb Ramp Opening, Conc                                   | 8030030 | 57.000      | Ft   |
| 0460 | Sidewalk Ramp, Conc, 6 inch                               | 8030036 | 211.000     | Sft  |
| 0470 | Sidewalk, Conc, 4 inch                                    | 8030044 | 169.000     | Sft  |
| 0480 | Guardrail, Type MGS-8                                     | 8070004 | 4,213.000   | Ft   |
| 0490 | Guardrail Anch, Bridge, Det T1                            | 8070022 | 2.000       | Ea   |
| 0500 | Guardrail Approach Terminal, Type 3B                      | 8070038 | 1.000       | Ea   |
| 0510 | Guardrail Approach Terminal, Type 2M                      | 8070044 | 14.000      | Ea   |
| 0520 | Guardrail Departing Terminal, Type MGS                    | 8070052 | 15.000      | Ea   |
| 0530 | Guardrail Reflector                                       | 8070080 | 175.000     | Ea   |
| 0540 | Post, Mailbox   | 8070095 | 2.000       | Ea   |
| 0550 | _ Guardrail Long Span, Det MGS-1                          | 8077050 | 1.000       | Ea   |
| 0560 | _ Wood Post, Rem  | 8077050 | 4.000       | Ea   |
| 0570 | Post, Steel, 3 lb   | 8100371 | 918.000     | Ft   |
| 0580 | Sign, Type II, Rem  | 8100397 | 3.000       | Ea   |
| 0590 | Sign, Type IIA  | 8100398 | 38.000      | Sft  |
| 0600 | Sign, Type III, Rem                                       | 8100403 | 52.000      | Ea   |
| 0610 | Sign, Type IIIA   | 8100404 | 157.000     | Sft  |
| 0620 | Sign, Type IIIB   | 8100405 | 196.000     | Sft  |
| 0630 | _ Street Sign Post  | 8107050 | 5.000       | Ea   |
| 0640 | Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol      | 8110051 | 2.000       | Ea   |
| 0650 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow             | 8110154 | 89,698.000  | Ft   |
| 0660 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White              | 8110155 | 108,275.000 | Ft   |
| 0670 | Pavt Mrkg, Sprayable Thermopl, 12 inch, White             | 8110159 | 1,884.000   | Ft   |
| 0680 | _ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar              | 8117001 | 220.000     | Ft   |
| 0690 | _ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line         | 8117001 | 436.000     | Ft   |
| 0700 | _ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol         | 8117050 | 6.000       | Ea   |

|      |  |         |             |      |
|------|--|---------|-------------|------|
| 0710 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 20.000      | Ea   |
| 0720 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 20.000      | Ea   |
| 0730 | Channelizing Device, 42 inch, Furn                               | 8120030 | 500.000     | Ea   |
| 0740 | Channelizing Device, 42 inch, Oper                               | 8120031 | 500.000     | Ea   |
| 0750 | Lighted Arrow, Type C, Furn                                      | 8120140 | 5.000       | Ea   |
| 0760 | Lighted Arrow, Type C, Oper                                      | 8120141 | 5.000       | Ea   |
| 0770 | Minor Traf Devices   | 8120170 | 1.000       | LSUM |
| 0780 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp   | 8120235 | 113,232.000 | Ft   |
| 0790 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp  | 8120236 | 93,026.000  | Ft   |
| 0800 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 7,176.000   | Ft   |
| 0810 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 6,607.000   | Ft   |
| 0820 | Plastic Drum, High Intensity, Furn                               | 8120250 | 300.000     | Ea   |
| 0830 | Plastic Drum, High Intensity, Oper                               | 8120251 | 300.000     | Ea   |
| 0840 | Sign Cover   | 8120310 | 20.000      | Ea   |
| 0850 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 320.000     | Sft  |
| 0860 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 320.000     | Sft  |
| 0870 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 16.000      | Sft  |
| 0880 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 16.000      | Sft  |
| 0890 | Traf Regulator Control   | 8120370 | 1.000       | LSUM |
| 0900 | _ Riprap, Plain, RCOC  | 8137011 | 35.000      | Syd  |
| 0910 | _ Geocellular Confinement System                                 | 8167011 | 600.000     | Syd  |
| 0920 | _ Turf Establishment, TUF Seed, Special Mulch, Performance, RCOC | 8167011 | 3,200.000   | Syd  |
| 0930 | Centerline Corrugations, Milled, HMA                             | 8220013 | 32,218.000  | Ft   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 019

**Letting Date:** June 7, 2019

**Contract ID:** 28000-203216

**Description:** 1.97 mi of hot mix asphalt cold milling and resurfacing and chip seal interlayer on Garfield Road from Hammond Road to Airport Road and on Three Mile Road from Airport Road to Parsons Road, Grand Traverse County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203216A        | N/A                    | N/A                 | EDF 28000       |
| 207731A        | 1900706                | N/A                 | EDF 28000       |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$119,900.00                                   | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem   | 2040020 | 100.000    | Ft    |
| 0030              | Pavt, Rem  | 2040050 | 61.000     | Syd   |
| 0040              | Sidewalk, Rem  | 2040055 | 100.000    | Syd   |
| 0050              | Dr Structure Cover, Adj, Case 1                                  | 4030005 | 22.000     | Ea    |
| 0060              | Cold Milling HMA Surface   | 5010002 | 73,500.000 | Syd   |
| 0070              | Hand Patching  | 5010025 | 15.000     | Ton   |
| 0080              | HMA, 5E10, High Stress   | 5010516 | 6,650.000  | Ton   |
| 0090              | Seal, Single Chip  | 5050001 | 73,500.000 | Syd   |
| 0100              | Curb and Gutter, Conc, Det F4                                    | 8020038 | 70.000     | Ft    |
| 0110              | Detectable Warning Surface                                       | 8030010 | 45.000     | Ft    |
| 0120              | Curb Ramp Opening, Conc  | 8030030 | 210.000    | Ft    |
| 0130              | Sidewalk Ramp, Conc, 4 inch                                      | 8030034 | 315.000    | Sft   |
| 0140              | Sidewalk, Conc, 4 inch   | 8030044 | 585.000    | Sft   |
| 0150              | Post, Mailbox  | 8070095 | 10.000     | Ea    |
| 0160              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                           | 8110114 | 241.000    | Ft    |
| 0170              | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                           | 8110405 | 11.000     | Ea    |
| 0180              | Pavt Mrkg, Polyurea, Only  | 8110410 | 2.000      | Ea    |
| 0190              | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                           | 8110412 | 7.000      | Ea    |
| 0200              | Recessing Pavt Mrkg, Longit                                      | 8110450 | 28,860.000 | Ft    |
| 0210              | Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White                  | 8110500 | 7,720.000  | Ft    |
| 0220              | Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow                 | 8110504 | 21,140.000 | Ft    |
| 0230              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 23.000     | Ea    |
| 0240              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 23.000     | Ea    |
| 0250              | Channelizing Device, 42 inch, Furn                               | 8120030 | 80.000     | Ea    |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0260 | Channelizing Device, 42 inch, Oper                            | 8120031 | 80.000    | Ea   |
| 0270 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0280 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 600.000   | Ft   |
| 0290 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 600.000   | Ft   |
| 0300 | Plastic Drum, High Intensity, Furn                            | 8120250 | 10.000    | Ea   |
| 0310 | Plastic Drum, High Intensity, Oper                            | 8120251 | 10.000    | Ea   |
| 0320 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 726.000   | Sft  |
| 0330 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 726.000   | Sft  |
| 0340 | Sign, Type B, Temp, Prismatic, Special, Furn                  | 8120352 | 23.000    | Sft  |
| 0350 | Sign, Type B, Temp, Prismatic, Special, Oper                  | 8120353 | 23.000    | Sft  |
| 0360 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0370 | Slope Restoration, Type C                                     | 8160102 | 100.000   | Syd  |
| 0380 | Monument Box Adjust   | 8210005 | 6.000     | Ea   |
| 0390 | Monument Preservation   | 8210010 | 6.000     | Ea   |
| 0400 | Gate Box, Adj, Case 1   | 8230431 | 8.000     | Ea   |
| 0410 | _ Railroad Protection, at Grade Crossing                      | 8507060 | 3,000.000 | Dlr  |

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 020**Letting Date:** June 7, 2019**Contract ID:** 33000-129384**Description:** Bridge removal and replacement with a precast concrete box culvert and approach work on Mill Street over Huntoon Creek in the city of Leslie, Ingham County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 129384A        | N/A                    | N/A                 | MCS 33000       |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$105,300.00                            | 1500001 | 1.000     | LSUM  |
| 0020              | Stump, Rem, 6 inch to 18 inch                             | 2020008 | 15.000    | Ea    |
| 0030              | Dr Structure, Rem   | 2030011 | 3.000     | Ea    |
| 0040              | Sewer, Rem, Less than 24 inch                             | 2030015 | 55.000    | Ft    |
| 0050              | _ Sanitary Sewer, Rem                                     | 2037001 | 193.000   | Ft    |
| 0060              | _ Sanitary Manhole, Rem                                   | 2037050 | 2.000     | Ea    |
| 0070              | Curb and Gutter, Rem                                      | 2040020 | 992.000   | Ft    |
| 0080              | Guardrail, Rem  | 2040035 | 161.000   | Ft    |
| 0090              | Pavt, Rem   | 2040050 | 1,709.000 | Syd   |
| 0100              | Sidewalk, Rem   | 2040055 | 535.000   | Syd   |
| 0110              | Embankment, CIP   | 2050010 | 137.000   | Cyd   |
| 0120              | Excavation, Earth   | 2050016 | 897.000   | Cyd   |
| 0130              | _ Geogrid   | 2057011 | 150.000   | Syd   |
| 0140              | _ Subgrade Undercutting, Special                          | 2057011 | 150.000   | Syd   |
| 0150              | Erosion Control, Check Dam, Stone                         | 2080012 | 50.000    | Ft    |
| 0160              | Erosion Control, Inlet Protection, Fabric Drop            | 2080020 | 6.000     | Ea    |
| 0170              | Erosion Control, Silt Fence                               | 2080036 | 450.000   | Ft    |
| 0180              | Subbase, CIP  | 3010002 | 757.000   | Cyd   |
| 0190              | _ Aggregate Base, 21AA, 10 inch                           | 3027011 | 1,550.000 | Syd   |
| 0200              | _ Aggregate Base, 21AA, 5 inch                            | 3027011 | 344.000   | Syd   |
| 0210              | Sewer, CI E, 12 inch, Tr Det B                            | 4020600 | 117.000   | Ft    |
| 0220              | Dr Structure Cover, Adj, Case 1                           | 4030005 | 2.000     | Ea    |
| 0230              | Dr Structure Cover, Type K                                | 4030050 | 4.000     | Ea    |
| 0240              | Dr Structure, 48 inch dia                                 | 4030210 | 4.000     | Ea    |
| 0250              | Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot | 4030250 | 7.000     | Ft    |
| 0260              | Cold Milling HMA Surface                                  | 5010002 | 1,545.000 | Syd   |
| 0270              | HMA Surface, Rem  | 5010005 | 1,678.000 | Syd   |



|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Hand Patching  | 5010025 | 50.000    | Ton  |
| 0290 | HMA, LVSP  | 5010703 | 555.000   | Ton  |
| 0300 | Cement   | 6030005 | 1.000     | Ton  |
| 0310 | Driveway, Nonreinf Conc, 6 inch                                  | 8010005 | 88.000    | Syd  |
| 0320 | Curb and Gutter, Conc, Det F4                                    | 8020038 | 1,028.000 | Ft   |
| 0330 | Detectable Warning Surface                                       | 8030010 | 50.000    | Ft   |
| 0340 | Sidewalk Ramp, Conc, 6 inch                                      | 8030036 | 572.000   | Sft  |
| 0350 | Sidewalk, Conc, 4 inch   | 8030044 | 7,417.000 | Sft  |
| 0360 | Sidewalk, Conc, 6 inch   | 8030046 | 836.000   | Sft  |
| 0370 | Post, Mailbox  | 8070095 | 5.000     | Ea   |
| 0380 | Fence, Protective  | 8080007 | 200.000   | Ft   |
| 0390 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 222.000   | Ft   |
| 0400 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 119.000   | Ft   |
| 0410 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 1.000     | Ea   |
| 0420 | Pavt Mrkg, Ovly Cold Plastic, Only                               | 8110068 | 2.000     | Ea   |
| 0430 | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym                       | 8110069 | 1.000     | Ea   |
| 0440 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 1.000     | Ea   |
| 0450 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 90.000    | Ft   |
| 0460 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 1,132.000 | Ft   |
| 0470 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 90.000    | Ft   |
| 0480 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 1,132.000 | Ft   |
| 0490 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 6.000     | Ea   |
| 0500 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 6.000     | Ea   |
| 0510 | Dust Palliative, Applied   | 8120100 | 8.000     | Ton  |
| 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 | 338.000   | Sft  |
| 0560 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 338.000   | Sft  |
| 0570 | Traf Regulator Control   | 8120370 | 1.000     | LSUM |
| 0580 | _ Slope Restoration, Modified                                    | 8167011 | 2,340.000 | Syd  |
| 0590 | Hydrant, Rem   | 8230091 | 1.000     | Ea   |
| 0600 | _ Casing Pipe, 24 inch, A709 Steel, .375 Thickness               | 8237001 | 66.000    | Ft   |
| 0610 | _ Water Main, Insulation Wrap                                    | 8237001 | 30.000    | Ft   |
| 0620 | _ Water Main, PVCO C909, 12-inch Tr Det G                        | 8237001 | 720.000   | Ft   |
| 0630 | _ Water Main, PVCO C909, 6-inch Tr Det G                         | 8237001 | 26.000    | Ft   |
| 0640 | _ Water Main, PVCO C909, 8-inch Tr Det G                         | 8237001 | 6.000     | Ft   |
| 0650 | _ Connect to Existing Water Main                                 | 8237050 | 3.000     | Ea   |
| 0660 | _ Gate Valve, 12-inch  | 8237050 | 4.000     | Ea   |
| 0670 | _ Gate Valve, 8-inch   | 8237050 | 1.000     | Ea   |
| 0680 | _ Hydrant Assembly   | 8237050 | 2.000     | Ea   |
| 0690 | _ Water Service, 1 inch, Long                                    | 8237050 | 3.000     | Ea   |
| 0700 | _ Water Service, 1 inch, Short                                   | 8237050 | 4.000     | Ea   |

|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 0710 | _ Sanitary Manhole Frame and Cover       | 8257050 | 1.000     | Ea  |
| 0720 | _ Sanitary Manhole, 48 inch dia          | 8257050 | 1.000     | Ea  |
| 0730 | _ Railroad Protection, at Grade Crossing | 8507060 | 5,000.000 | Dir |

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**Section: 2**

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0740 | Structures, Rem                             | 2040060 | 1.000     | LSUM |
| 0750 | Backfill, Structure, CIP                    | 2060002 | 1,193.000 | Cyd  |
| 0760 | Excavation, Fdn                             | 2060010 | 1,578.000 | Cyd  |
| 0770 | Underdrain, Fdn, 6 inch                     | 4040033 | 310.000   | Ft   |
| 0780 | Underdrain Outlet, 6 inch                   | 4040093 | 40.000    | Ft   |
| 0790 | Underdrain, Outlet Ending, 6 inch           | 4040113 | 4.000     | Ea   |
| 0800 | Culv Bedding, Box Culv                      | 4060005 | 219.000   | Cyd  |
| 0810 | _ Culv, Precast Conc Box, 20 foot by 8 foot | 4067001 | 83.000    | Ft   |
| 0820 | Steel Sheet Piling, Temp, Left in Place     | 7040003 | 3,200.000 | Sft  |
| 0830 | _ Bypass Pumping                            | 7047051 | 1.000     | LSUM |
| 0840 | _ Plunge Pool                               | 7047051 | 1.000     | LSUM |
| 0850 | False Decking                               | 7060060 | 1,700.000 | Sft  |
| 0860 | Obstruction Removal                         | 7180100 | 3,000.000 | Dir  |
| 0870 | _ Fence, Ornamental Aluminum, 48 inch       | 8087001 | 121.000   | Ft   |
| 0880 | Riprap, Heavy                               | 8130005 | 500.000   | Syd  |
| 0890 | _ Cobble, 3 inch by 6 inch                  | 8147011 | 210.000   | Syd  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 021**Letting Date:** June 7, 2019**Contract ID:** 46000-207823

**Description:** 2.45 mi of hot mix asphalt cold milling and resurfacing, joint repair, aggregate shoulders and pavement markings on Tecumseh Clinton Highway from the south village limits of Clinton Village to the north city limits of Tecumseh, Lenawee County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207823A        | N/A                    | N/A                 | EDF 46000       |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$76,900.00                                 | 1500001 | 1.000      | LSUM  |
| 0020              | Guardrail, Rem  | 2040035 | 675.000    | Ft    |
| 0030              | Approach, CI II   | 3070021 | 123.000    | Ton   |
| 0040              | Shoulder, CI II   | 3070121 | 720.000    | Ton   |
| 0050              | Pavt, Cleaning  | 5010001 | 1.000      | LSUM  |
| 0060              | Cold Milling HMA Surface                                      | 5010002 | 43,630.000 | Syd   |
| 0070              | Pavt for Butt Joints, Rem                                     | 5010008 | 275.000    | Syd   |
| 0080              | Pavt Joint and Crack Repr, Det 7                              | 5010020 | 3,990.000  | Ft    |
| 0090              | Hand Patching   | 5010025 | 410.000    | Ton   |
| 0100              | HMA, 4E1  | 5010050 | 4,760.000  | Ton   |
| 0110              | HMA, 5E1  | 5010056 | 3,575.000  | Ton   |
| 0120              | HMA Approach  | 5010061 | 300.000    | Ton   |
| 0130              | Guardrail, Type B   | 8070000 | 475.000    | Ft    |
| 0140              | Guardrail Approach Terminal, Type 2B                          | 8070042 | 4.000      | Ea    |
| 0150              | Guardrail Reflector   | 8070080 | 24.000     | Ea    |
| 0160              | Pavt Mrkg, Regular Dry, 4 inch, White                         | 8110125 | 25,266.000 | Ft    |
| 0170              | Pavt Mrkg, Regular Dry, 4 inch, Yellow                        | 8110126 | 18,258.000 | Ft    |
| 0180              | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                        | 8110405 | 4.000      | Ea    |
| 0190              | Pavt Mrkg, Polyurea, Only                                     | 8110410 | 12.000     | Ea    |
| 0200              | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                        | 8110412 | 4.000      | Ea    |
| 0210              | Pavt Mrkg, Polyurea, Thru Arrow Sym                           | 8110418 | 4.000      | Ea    |
| 0220              | Minor Traf Devices  | 8120170 | 1.000      | LSUM  |
| 0230              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 2,000.000  | Ft    |
| 0240              | Plastic Drum, High Intensity, Furn                            | 8120250 | 200.000    | Ea    |
| 0250              | Plastic Drum, High Intensity, Oper                            | 8120251 | 200.000    | Ea    |
| 0260              | Traf Regulator Control  | 8120370 | 1.000      | LSUM  |
| 0270              | Monument Box  | 8210001 | 1.000      | Ea    |

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|      |                       |         |       |    |
|------|-----------------------|---------|-------|----|
| 0280 | Monument Preservation | 8210010 | 1.000 | Ea |
|------|-----------------------|---------|-------|----|

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 022

**Letting Date:** June 7, 2019

**Contract ID:** 81000-204944

**Description:** 0.59 mi of installation of concrete curb and gutter, sidewalk, sidewalk ramps, driveway, sewer, drainage, retaining wall, signage and pavement markings on various routes in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204944A        | 1900669                | N/A                 | TA 81000        |

**List of Items by Section**

| Line Num          | Item Description                                     | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | _ Audio-Visual Recording                             | 1027051 | 1.000     | LSUM  |
| 0020              | _ Project Supervision, Modified                      | 1047051 | 1.000     | LSUM  |
| 0030              | Mobilization, Max \$68,200.00                        | 1500001 | 1.000     | LSUM  |
| 0040              | Clearing   | 2010001 | 0.500     | Acre  |
| 0050              | Stump, Rem, 19 inch to 36 inch                       | 2020006 | 3.000     | Ea    |
| 0060              | Stump, Rem, 6 inch to 18 inch                        | 2020008 | 5.000     | Ea    |
| 0070              | _ Trimming Tree                                      | 2027050 | 6.000     | Ea    |
| 0080              | Dr Structure, Rem                                    | 2030011 | 10.000    | Ea    |
| 0090              | Sewer, Rem, Less than 24 inch                        | 2030015 | 104.000   | Ft    |
| 0100              | _ Curb and Gutter, Rem, Modified                     | 2047001 | 2,614.000 | Ft    |
| 0110              | _ Driveway Approach, Rem, Modified                   | 2047010 | 2,554.000 | Sft   |
| 0120              | _ Sidewalk, Rem, Modified                            | 2047010 | 1,539.000 | Sft   |
| 0130              | Embankment, CIP                                      | 2050010 | 300.000   | Cyd   |
| 0140              | Excavation, Earth                                    | 2050016 | 170.000   | Cyd   |
| 0150              | Subgrade Undercutting, Type II                       | 2050041 | 100.000   | Cyd   |
| 0160              | _ Sidewalk Grading                                   | 2057002 | 29.000    | Sta   |
| 0170              | _ Flowable Fill                                      | 2057021 | 70.000    | Cyd   |
| 0180              | _ Sidewalk Ramp Grading                              | 2057050 | 12.000    | Ea    |
| 0190              | Erosion Control, Silt Fence                          | 2080036 | 2,521.000 | Ft    |
| 0200              | _ Erosion Control, Inlet Filter                      | 2087050 | 7.000     | Ea    |
| 0210              | _ Subbase, CIP, Class II Granular Material, Modified | 3017021 | 300.000   | Cyd   |
| 0220              | _ Aggregate Base, 8 inch, 21-AA, Modified            | 3027011 | 1,557.000 | Syd   |
| 0230              | Maintenance Gravel, LM                               | 3060021 | 40.000    | Cyd   |
| 0240              | Sewer, CI IV, 12 inch, Tr Det B                      | 4020987 | 180.000   | Ft    |
| 0250              | Dr Structure Cover, Type B                           | 4030010 | 1.000     | Ea    |
| 0260              | Dr Structure Cover, Type K                           | 4030050 | 9.000     | Ea    |
| 0270              | Dr Structure, 24 inch dia                            | 4030200 | 9.000     | Ea    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0280 | Dr Structure, 48 inch dia                                    | 4030210 | 1.000      | Ea   |
| 0290 | Dr Structure, Tap, 6 inch                                    | 4030306 | 7.000      | Ea   |
| 0300 | Dr Structure, Tap, 12 inch                                   | 4030312 | 8.000      | Ea   |
| 0310 | Underdrain, Subbase, 6 inch                                  | 4040063 | 1,762.000  | Ft   |
| 0320 | HMA Surface, Rem   | 5010005 | 2,175.000  | Syd  |
| 0330 | Hand Patching  | 5010025 | 187.000    | Ton  |
| 0340 | Cement   | 6030005 | 5.000      | Ton  |
| 0350 | Reinforcement, Steel, Epoxy Coated                           | 7060092 | 200.000    | Lb   |
| 0360 | _ Curb and Gutter, Conc, Det F4, Special                     | 8027001 | 2,009.000  | Ft   |
| 0370 | _ Driveway Opening, Conc, Detail M, P-NC                     | 8027001 | 527.000    | Ft   |
| 0380 | _ Integral Sidewalk Retaining Wall, 19 inch to 36 inch       | 8027010 | 310.000    | Sft  |
| 0390 | _ Integral Sidewalk Retaining Wall, 6 inch to 18 inch        | 8027010 | 281.000    | Sft  |
| 0400 | Curb Ramp Opening, Conc                                      | 8030030 | 150.000    | Ft   |
| 0410 | _ Concrete Drive Approach, Non-Reinforced, P-NC, 6 inch      | 8037010 | 3,980.000  | Sft  |
| 0420 | _ Detectable Warning Tiles                                   | 8037010 | 190.000    | Sft  |
| 0430 | _ Sidewalk Ramp, Concrete, 6 inch, P-NC, ADA, Modified       | 8037010 | 500.000    | Sft  |
| 0440 | _ Sidewalk, Concrete, 4 inch, Special                        | 8037010 | 15,035.000 | Sft  |
| 0450 | _ Sidewalk, Concrete, 6 inch, Special                        | 8037010 | 1,890.000  | Sft  |
| 0460 | Fence, Protective  | 8080007 | 1,292.000  | Ft   |
| 0470 | Fence, Moving  | 8080120 | 200.000    | Ft   |
| 0480 | Fence Post   | 8080130 | 20.000     | Ea   |
| 0490 | Fence Material   | 8080140 | 50.000     | Ft   |
| 0500 | Post, Steel, 3 lb  | 8100371 | 60.000     | Ft   |
| 0510 | Sign, Type III, Erect, Salv                                  | 8100402 | 5.000      | Ea   |
| 0520 | Sign, Type IIIA  | 8100404 | 112.000    | Sft  |
| 0530 | Pavt Mrkg, Thermopl, 12 inch, Crosswalk                      | 8110214 | 1,206.000  | Ft   |
| 0540 | Pavt Mrkg, Thermopl, 24 inch, Stop Bar                       | 8110218 | 115.000    | Ft   |
| 0550 | Barricade, Type III, High Intensity, Lighted, Furn           | 8120022 | 23.000     | Ea   |
| 0560 | Barricade, Type III, High Intensity, Lighted, Oper           | 8120023 | 23.000     | Ea   |
| 0570 | Pedestrian Type II Barricade, Temp                           | 8120026 | 22.000     | Ea   |
| 0580 | Dust Palliative, Applied                                     | 8120100 | 20.000     | Ton  |
| 0590 | Lighted Arrow, Type C, Furn                                  | 8120140 | 2.000      | Ea   |
| 0600 | Lighted Arrow, Type C, Oper                                  | 8120141 | 2.000      | Ea   |
| 0610 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0620 | Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem | 8120212 | 1,200.000  | Ft   |
| 0630 | Plastic Drum, High Intensity, Furn                           | 8120250 | 222.000    | Ea   |
| 0640 | Plastic Drum, High Intensity, Oper                           | 8120251 | 222.000    | Ea   |
| 0650 | Sign Cover   | 8120310 | 10.000     | Ea   |
| 0660 | Sign, Type B, Temp, Prismatic, Furn                          | 8120350 | 820.000    | Sft  |
| 0670 | Sign, Type B, Temp, Prismatic, Oper                          | 8120351 | 820.000    | Sft  |
| 0680 | Sign, Type B, Temp, Prismatic, Special, Furn                 | 8120352 | 14.000     | Sft  |
| 0690 | Sign, Type B, Temp, Prismatic, Special, Oper                 | 8120353 | 14.000     | Sft  |
| 0700 | Traf Regulator Control                                       | 8120370 | 1.000      | LSUM |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0710 | _ "No Parking" Signs                                    | 8127050 | 33.000    | Ea   |
| 0720 | _ Pedestrian Ramp, Temp                                 | 8127050 | 4.000     | Ea   |
| 0730 | Site Preparation, Max \$4,000.00                        | 8150001 | 1.000     | LSUM |
| 0740 | Watering and Cultivating, First Season, Min \$1,000.00  | 8150002 | 1.000     | LSUM |
| 0750 | Watering and Cultivating, Second Season, Min \$1,000.00 | 8150003 | 1.000     | LSUM |
| 0760 | Acer griseum, 1 3/4 inch                                | 8150078 | 1.000     | Ea   |
| 0770 | Celtis occidentalis, 1 3/4 inch                         | 8150779 | 1.000     | Ea   |
| 0780 | Gymnocladus dioicus, 1 3/4 inch                         | 8151675 | 2.000     | Ea   |
| 0790 | Malus Prairie Fire, 1 3/4 inch                          | 8152314 | 2.000     | Ea   |
| 0800 | Prunus serrulata Kwanzan, 1 3/4 inch                    | 8152951 | 2.000     | Ea   |
| 0810 | Quercus macrocarpa, 1 3/4 inch                          | 8153084 | 1.000     | Ea   |
| 0820 | Syringa reticulata Ivory Silk, 1 3/4 inch               | 8153717 | 1.000     | Ea   |
| 0830 | Syringa vulgaris, #5 cont.                              | 8153730 | 5.000     | Ea   |
| 0840 | Fertilizer, Chemical Nutrient, CI A                     | 8160020 | 180.000   | Lb   |
| 0850 | Mulch   | 8160025 | 4,730.000 | Syd  |
| 0860 | Mulch Anchoring   | 8160026 | 4,730.000 | Syd  |
| 0870 | Seeding, Mixture CR                                     | 8160035 | 230.000   | Lb   |
| 0880 | Seeding, Mixture THM                                    | 8160039 | 230.000   | Lb   |
| 0890 | Topsoil Surface, Furn, 4 inch                           | 8160062 | 4,730.000 | Syd  |
| 0900 | Weed Control  | 8160095 | 1.000     | Acre |
| 0910 | Hydrant, Relocate, Case 2                               | 8230096 | 1.000     | Ea   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 023

**Letting Date:** June 7, 2019

**Contract ID:** 38000-130209

**Description:** 0.75 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk and pavement markings on Laurence Avenue from the railroad just north of Michigan Avenue to Argyle Street, Jackson County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 130209A        | 1900685                | N/A                 | STUL 38000      |
| 130210A        | 1900686                | N/A                 | STUL 38000      |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$67,800.00                            | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                                     | 2040020 | 1,875.000  | Ft    |
| 0030              | Sidewalk, Rem  | 2040055 | 160.000    | Syd   |
| 0040              | Dr Structure Cover, Adj, Case 1                          | 4030005 | 34.000     | Ea    |
| 0050              | Dr Structure, Temp Lowering                              | 4030390 | 34.000     | Ea    |
| 0060              | _ Dr Structure, Repr                                     | 4037050 | 62.000     | Ea    |
| 0070              | Cold Milling HMA Surface                                 | 5010002 | 21,700.000 | Syd   |
| 0080              | Pavt for Butt Joints, Rem                                | 5010008 | 500.000    | Syd   |
| 0090              | Hand Patching  | 5010025 | 25.000     | Ton   |
| 0100              | HMA, 4E1   | 5010050 | 3,000.000  | Ton   |
| 0110              | HMA, 5E1   | 5010056 | 1,800.000  | Ton   |
| 0120              | HMA Approach   | 5010061 | 200.000    | Ton   |
| 0130              | _ Longitudinal Joint Sealant, Modified                   | 5047001 | 12,000.000 | Ft    |
| 0140              | Curb and Gutter, Conc, Det C4                            | 8020023 | 1,550.000  | Ft    |
| 0150              | Detectable Warning Surface                               | 8030010 | 115.000    | Ft    |
| 0160              | Curb Ramp Opening, Conc                                  | 8030030 | 312.000    | Ft    |
| 0170              | Sidewalk Ramp, Conc, 4 inch                              | 8030034 | 1,100.000  | Sft   |
| 0180              | Sidewalk, Conc, 4 inch                                   | 8030044 | 650.000    | Sft   |
| 0190              | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk          | 8110024 | 1,140.000  | Ft    |
| 0200              | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar          | 8110045 | 370.000    | Ft    |
| 0210              | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym          | 8110063 | 3.000      | Ea    |
| 0220              | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym               | 8110069 | 4.000      | Ea    |
| 0230              | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym          | 8110071 | 2.000      | Ea    |
| 0240              | Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym | 8110076 | 2.000      | Ea    |
| 0250              | Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym | 8110077 | 2.000      | Ea    |



|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0260 | Pavt Mrkg, Waterborne, 4 inch, White                            | 8110231 | 1,975.000 | Ft   |
| 0270 | Pavt Mrkg, Waterborne, 4 inch, Yellow                           | 8110232 | 7,800.000 | Ft   |
| 0280 | Rem Spec Mrkg   | 8110343 | 400.000   | Sft  |
| 0290 | Barricade, Type III, High Intensity, Lighted, Furn              | 8120022 | 10.000    | Ea   |
| 0300 | Barricade, Type III, High Intensity, Lighted, Oper              | 8120023 | 10.000    | Ea   |
| 0310 | Pedestrian Type II Barricade, Temp                              | 8120026 | 10.000    | Ea   |
| 0320 | Lighted Arrow, Type B, Furn                                     | 8120130 | 4.000     | Ea   |
| 0330 | Lighted Arrow, Type B, Oper                                     | 8120131 | 4.000     | Ea   |
| 0340 | Ltg for Night Work  | 8120160 | 1.000     | LSUM |
| 0350 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0360 | Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp                   | 8120230 | 1,200.000 | Ft   |
| 0370 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp                  | 8120231 | 1,200.000 | Ft   |
| 0380 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp  | 8120235 | 1,200.000 | Ft   |
| 0390 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 1,200.000 | Ft   |
| 0400 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp    | 8120245 | 1,200.000 | Ft   |
| 0410 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp   | 8120246 | 1,200.000 | Ft   |
| 0420 | Plastic Drum, High Intensity, Lighted, Furn                     | 8120260 | 200.000   | Ea   |
| 0430 | Plastic Drum, High Intensity, Lighted, Oper                     | 8120261 | 200.000   | Ea   |
| 0440 | Sign, Portable, Changeable Message, Furn                        | 8120330 | 6.000     | Ea   |
| 0450 | Sign, Portable, Changeable Message, Oper                        | 8120331 | 6.000     | Ea   |
| 0460 | Sign, Type B, Temp, Prismatic, Special, Furn                    | 8120352 | 272.000   | Sft  |
| 0470 | Sign, Type B, Temp, Prismatic, Special, Oper                    | 8120353 | 272.000   | Sft  |
| 0480 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0490 | _ Railroad Protection, at Grade Crossing                        | 8127051 | 1.000     | LSUM |
| 0500 | Slope Restoration, Type B                                       | 8160101 | 100.000   | Syd  |
| 0510 | Gate Box, Adj, Temp, Case 1                                     | 8230391 | 1.000     | Ea   |
| 0520 | Gate Box, Adj, Case 1   | 8230431 | 1.000     | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 024

**Letting Date:** June 7, 2019

**Contract ID:** 81000-203552

**Description:** 0.71 mi of hot mix asphalt realignment of intersection, concrete curb and gutter, sidewalk, sidewalk ramps, driveway, drainage, sewer, retaining wall and pavement markings on Dhu Varren Road from Omelsaad Drive to Nixon farm property in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203552A        | 1900681                | N/A                 | STU 81000       |

**List of Items by Section**

| Line Num          | Item Description                         | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | _ Audio-Visual Recording                 | 1027051 | 1.000     | LSUM  |
| 0020              | _ Project Supervision                    | 1047051 | 1.000     | LSUM  |
| 0030              | Mobilization, Max \$55,400.00            | 1500001 | 1.000     | LSUM  |
| 0040              | Clearing                                 | 2010001 | 0.250     | Acre  |
| 0050              | Stump, Rem, 6 inch to 18 inch            | 2020008 | 9.000     | Ea    |
| 0060              | Culv, Rem, Less than 24 inch             | 2030001 | 2.000     | Ea    |
| 0070              | Culv, End, Rem, Less than 24 inch        | 2030005 | 2.000     | Ea    |
| 0080              | Dr Structure, Rem                        | 2030011 | 1.000     | Ea    |
| 0090              | Sewer, Rem, Less than 24 inch            | 2030015 | 115.000   | Ft    |
| 0100              | Curb and Gutter, Rem                     | 2040020 | 450.000   | Ft    |
| 0110              | Sidewalk, Rem                            | 2040055 | 22.000    | Syd   |
| 0120              | Exploratory Investigation, Vertical      | 2040080 | 50.000    | Ft    |
| 0130              | Granular Material, CI III                | 2050024 | 230.000   | Cyd   |
| 0140              | _ Machine Grading, Modified              | 2057002 | 4.000     | Sta   |
| 0150              | _ Sidewalk Grading                       | 2057002 | 26.000    | Sta   |
| 0160              | _ Sidewalk Ramp Grading                  | 2057050 | 9.000     | Ea    |
| 0170              | Erosion Control, Silt Fence              | 2080036 | 2,000.000 | Ft    |
| 0180              | _ Erosion Control, Inlet Filter          | 2087050 | 10.000    | Ea    |
| 0190              | Project Cleanup                          | 2090001 | 1.000     | LSUM  |
| 0200              | _ Aggregate Base, 6 inch, 21AA, Modified | 3027011 | 53.000    | Syd   |
| 0210              | _ Aggregate Base, 8 inch, 21AA, Modified | 3027011 | 582.000   | Syd   |
| 0220              | Maintenance Gravel                       | 3060020 | 25.000    | Ton   |
| 0230              | Shoulder, CI I                           | 3070101 | 100.000   | Ton   |
| 0240              | Culv, CI F, 12 inch                      | 4010607 | 127.000   | Ft    |
| 0250              | Sewer, CI IV, 12 inch, Tr Det B          | 4020987 | 60.000    | Ft    |
| 0260              | Sewer Tap, 12 inch                       | 4021204 | 2.000     | Ea    |
| 0270              | Dr Structure Cover, Adj, Case 1          | 4030005 | 6.000     | Ea    |

|      |  |         |            |     |
|------|--|---------|------------|-----|
| 0280 | Dr Structure Cover, Adj, Case 2                                  | 4030006 | 8.000      | Ea  |
| 0290 | Dr Structure Cover, Type B                                       | 4030010 | 1.000      | Ea  |
| 0300 | Dr Structure Cover, Type G                                       | 4030040 | 2.000      | Ea  |
| 0310 | Dr Structure Cover, Type K                                       | 4030050 | 2.000      | Ea  |
| 0320 | Dr Structure Lead, Cleaning, 12 inch                             | 4030112 | 100.000    | Ft  |
| 0330 | Dr Structure, 24 inch dia  | 4030200 | 1.000      | Ea  |
| 0340 | Dr Structure, 48 inch dia  | 4030210 | 2.000      | Ea  |
| 0350 | Dr Structure, Adj, Add Depth                                     | 4030280 | 10.000     | Ft  |
| 0360 | Dr Structure, Cleaning   | 4030290 | 2.000      | Ea  |
| 0370 | Dr Structure, Tap, 6 inch  | 4030306 | 2.000      | Ea  |
| 0380 | Dr Structure, Tap, 12 inch                                       | 4030312 | 1.000      | Ea  |
| 0390 | Underdrain, Subgrade, 6 inch                                     | 4040073 | 865.000    | Ft  |
| 0400 | Cold Milling HMA Surface   | 5010002 | 1,192.000  | Syd |
| 0410 | HMA Surface, Rem   | 5010005 | 515.000    | Syd |
| 0420 | Edge Trimming  | 5010009 | 885.000    | Ft  |
| 0430 | Hand Patching  | 5010025 | 65.000     | Ton |
| 0440 | HMA, 13A   | 5010033 | 245.000    | Ton |
| 0450 | _ Concrete Drive Approach, Nonreinf, 6 inch, P-NC, Modified      | 8017011 | 49.000     | Syd |
| 0460 | Shoulder Gutter, Conc, Det 2                                     | 8020056 | 2.000      | Ea  |
| 0470 | Spillway, Conc   | 8020075 | 20.000     | Ft  |
| 0480 | _ Curb and Gutter, Conc, Det F4, Special                         | 8027001 | 818.000    | Ft  |
| 0490 | _ Driveway Opening, Conc, Detail L, P-NC                         | 8027001 | 26.000     | Ft  |
| 0500 | _ Driveway Opening, Conc, Detail M, P-NC                         | 8027001 | 21.000     | Ft  |
| 0510 | Detectable Warning Surface                                       | 8030010 | 53.000     | Ft  |
| 0520 | Curb Ramp Opening, Conc  | 8030030 | 20.000     | Ft  |
| 0530 | Sidewalk Ramp, Conc, 6 inch                                      | 8030036 | 660.000    | Sft |
| 0540 | Sidewalk, Conc, 4 inch   | 8030044 | 12,435.000 | Sft |
| 0550 | Sidewalk, Conc, 6 inch   | 8030046 | 715.000    | Sft |
| 0560 | Post, Mailbox  | 8070095 | 1.000      | Ea  |
| 0570 | _ Protective Fence   | 8087001 | 500.000    | Ft  |
| 0580 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 45.000     | Ft  |
| 0590 | Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike          | 8110049 | 1.000      | Ea  |
| 0600 | Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym                    | 8110058 | 1.000      | Ea  |
| 0610 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 820.000    | Ft  |
| 0620 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 820.000    | Ft  |
| 0630 | Pavt Mrkg, Thermopl, 12 inch, Crosswalk                          | 8110214 | 272.000    | Ft  |
| 0640 | Rem Spec Mrkg  | 8110343 | 266.000    | Sft |
| 0650 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 5.000      | Ea  |
| 0660 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 5.000      | Ea  |
| 0670 | Pedestrian Type II Barricade, Temp                               | 8120026 | 10.000     | Ea  |
| 0680 | Channelizing Device, 42 inch, Furn                               | 8120030 | 150.000    | Ea  |
| 0690 | Channelizing Device, 42 inch, Oper                               | 8120031 | 150.000    | Ea  |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0700 | Dust Palliative, Applied                                      | 8120100 | 10.000    | Ton  |
| 0710 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0720 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                  | 8120210 | 50.000    | Ft   |
| 0730 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 100.000   | Ft   |
| 0740 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 100.000   | Ft   |
| 0750 | Plastic Drum, High Intensity, Furn                            | 8120250 | 75.000    | Ea   |
| 0760 | Plastic Drum, High Intensity, Oper                            | 8120251 | 75.000    | Ea   |
| 0770 | Sign Cover  | 8120310 | 5.000     | Ea   |
| 0780 | Sign, Portable, Changeable Message, Furn                      | 8120330 | 2.000     | Ea   |
| 0790 | Sign, Portable, Changeable Message, Oper                      | 8120331 | 2.000     | Ea   |
| 0800 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 600.000   | Sft  |
| 0810 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 600.000   | Sft  |
| 0820 | Sign, Type B, Temp, Prismatic, Special, Furn                  | 8120352 | 175.000   | Sft  |
| 0830 | Sign, Type B, Temp, Prismatic, Special, Oper                  | 8120353 | 175.000   | Sft  |
| 0840 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0850 | Riprap, Plain   | 8130010 | 10.000    | Syd  |
| 0860 | _ Block Retaining Wall, Nonreinf                              | 8157010 | 930.000   | Sft  |
| 0870 | _ Slope Restoration, Modified                                 | 8167011 | 4,495.000 | Syd  |
| 0880 | _ Reimbursed Permit Fees                                      | 8507060 | 1,500.000 | Dir  |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 025

**Letting Date:** June 7, 2019

**Contract ID:** 23000-133078

**Description:** 0.75 mi of hot mix asphalt cold milling and resurfacing, base stabilization, curb repairs, drainage, sidewalk and pavement markings on Mall Drive West from Saginaw Highway (M-43) to Elmwood Road, Eaton County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 133078A        | 1900652                | N/A                 | STU 23000       |

**List of Items by Section**

| Line Num          | Item Description                                 | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$52,100.00                    | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                             | 2040020 | 5,000.000  | Ft    |
| 0030              | Pavt, Rem  | 2040050 | 100.000    | Syd   |
| 0040              | Sidewalk, Rem                                    | 2040055 | 625.000    | Syd   |
| 0050              | Erosion Control, Inlet Protection, Fabric Drop   | 2080020 | 20.000     | Ea    |
| 0060              | Subbase, LM                                      | 3010003 | 200.000    | Cyd   |
| 0070              | _ Cement Treated Full Depth Reclamation, 12 inch | 3057011 | 13,000.000 | Syd   |
| 0080              | _ Removing Excess Pavement Materials             | 3057011 | 13,000.000 | Syd   |
| 0090              | Trenching  | 3070200 | 8.000      | Sta   |
| 0100              | Dr Structure Cover, Adj, Case 1                  | 4030005 | 20.000     | Ea    |
| 0110              | Dr Structure Cover, Type K                       | 4030050 | 4.000      | Ea    |
| 0120              | Dr Structure, Adj, Add Depth                     | 4030280 | 10.000     | Ft    |
| 0130              | Dr Structure, Tap, 6 inch                        | 4030306 | 2.000      | Ea    |
| 0140              | Dr Structure, Temp Lowering                      | 4030390 | 4.000      | Ea    |
| 0150              | _ Sanitary Structure Cover, Adj                  | 4037050 | 2.000      | Ea    |
| 0160              | Underdrain, Subgrade, Open-Graded, 6 inch        | 4040083 | 1,300.000  | Ft    |
| 0170              | Cold Milling HMA Surface                         | 5010002 | 4,000.000  | Syd   |
| 0180              | HMA Surface, Rem                                 | 5010005 | 600.000    | Syd   |
| 0190              | HMA, 13A   | 5010033 | 3,600.000  | Ton   |
| 0200              | _ Cement, Special                                | 6037031 | 420.000    | Ton   |
| 0210              | Curb and Gutter, Conc, Det F4                    | 8020038 | 150.000    | Ft    |
| 0220              | Driveway Opening, Conc, Det M                    | 8020050 | 825.000    | Ft    |
| 0230              | _ Curb and Gutter, Conc, Modified                | 8027001 | 4,000.000  | Ft    |
| 0240              | Detectable Warning Surface                       | 8030010 | 30.000     | Ft    |
| 0250              | Sidewalk Ramp, Conc, 4 inch                      | 8030034 | 600.000    | Sft   |
| 0260              | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk  | 8110024 | 110.000    | Ft    |
| 0270              | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk | 8110041 | 100.000    | Ft    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0280 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 66.000     | Ft   |
| 0290 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 2.000      | Ea   |
| 0300 | Pavt Mrkg, Ovly Cold Plastic, Only                               | 8110068 | 5.000      | Ea   |
| 0310 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 3.000      | Ea   |
| 0320 | Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym         | 8110077 | 1.000      | Ea   |
| 0330 | Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym                     | 8110078 | 1.000      | Ea   |
| 0340 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 1,000.000  | Ft   |
| 0350 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 10,700.000 | Ft   |
| 0360 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 20.000     | Ea   |
| 0370 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 20.000     | Ea   |
| 0380 | Pedestrian Type II Barricade, Temp                               | 8120026 | 8.000      | Ea   |
| 0390 | Lighted Arrow, Type B, Furn                                      | 8120130 | 1.000      | Ea   |
| 0400 | Lighted Arrow, Type B, Oper                                      | 8120131 | 1.000      | Ea   |
| 0410 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0420 | Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp                    | 8120230 | 100.000    | Ft   |
| 0430 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp                   | 8120231 | 1,300.000  | Ft   |
| 0440 | Plastic Drum, High Intensity, Furn                               | 8120250 | 50.000     | Ea   |
| 0450 | Plastic Drum, High Intensity, Oper                               | 8120251 | 50.000     | Ea   |
| 0460 | Sign, Portable, Changeable Message, Furn                         | 8120330 | 1.000      | Ea   |
| 0470 | Sign, Portable, Changeable Message, Oper                         | 8120331 | 1.000      | Ea   |
| 0480 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 570.000    | Sft  |
| 0490 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 570.000    | Sft  |
| 0500 | Mulch Blanket  | 8160027 | 100.000    | Syd  |
| 0510 | Mulch Blanket, High Velocity                                     | 8160028 | 100.000    | Syd  |
| 0520 | _ Slope Restoration, Modified                                    | 8167011 | 1,400.000  | Syd  |
| 0530 | Water Shutoff, Adj, Case 1                                       | 8230421 | 2.000      | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 026

**Letting Date:** June 7, 2019

**Contract ID:** 81000-205586

**Description:** 0.83 mi of hot mix asphalt cold milling and overlay, concrete pavement repair, curb, gutter, sidewalk and ramps, drainage and pavement markings on South Congress Street from Mansfield Street to Elm Street, on Huron Street from Forest Avenue to Cross Street and on Harriet Street from Hamilton Street to Huron Street in the city of Ypsilanti, Washtenaw County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205586A        | 1900693                | N/A                 | STU 81000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$48,900.00                  | 1500001 | 1.000      | LSUM  |
| 0020              | Dr Structure, Rem                              | 2030011 | 3.000      | Ea    |
| 0030              | Sewer, Rem, Less than 24 inch                  | 2030015 | 15.000     | Ft    |
| 0040              | Curb and Gutter, Rem                           | 2040020 | 1,005.000  | Ft    |
| 0050              | Sidewalk, Rem                                  | 2040055 | 834.000    | Syd   |
| 0060              | _ Full Depth Patch, Rem, Modified              | 2047011 | 23.000     | Syd   |
| 0070              | _ Pavt, Rem, Modified                          | 2047011 | 467.000    | Syd   |
| 0080              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 26.000     | Ea    |
| 0090              | _ Aggregate Base, 4 inch, Modified             | 3027011 | 268.000    | Syd   |
| 0100              | Sewer, Cl E, 12 inch, Tr Det B                 | 4020600 | 150.000    | Ft    |
| 0110              | Dr Structure Cover, Type B                     | 4030010 | 8.000      | Ea    |
| 0120              | Dr Structure Cover, Type K                     | 4030050 | 8.000      | Ea    |
| 0130              | Dr Structure, 24 inch dia                      | 4030200 | 7.000      | Ea    |
| 0140              | Dr Structure, Adj, Add Depth                   | 4030280 | 10.000     | Ft    |
| 0150              | Dr Structure, Tap, 12 inch                     | 4030312 | 7.000      | Ea    |
| 0160              | _ Sanitary Sewer Cover, Adj, Case 1            | 4037050 | 8.000      | Ea    |
| 0170              | _ Utility Structure Cover, Adj, Case 1         | 4037050 | 24.000     | Ea    |
| 0180              | Cold Milling HMA Surface                       | 5010002 | 15,082.000 | Syd   |
| 0190              | Hand Patching                                  | 5010025 | 40.000     | Ton   |
| 0200              | HMA, LVSP                                      | 5010703 | 1,678.000  | Ton   |
| 0210              | Conc, Grade P1                                 | 6020030 | 10.000     | Cyd   |
| 0220              | Pavt Repr, Nonreinf Conc, 8 inch               | 6030044 | 56.000     | Syd   |
| 0230              | _ Driveway, Nonreinf Conc, 6 inch, Modified    | 8017011 | 49.000     | Syd   |
| 0240              | _ Curb and Gutter, Conc, Modified              | 8027001 | 791.000    | Ft    |
| 0250              | Curb Ramp Opening, Conc                        | 8030030 | 385.000    | Ft    |
| 0260              | Sidewalk, Conc, 4 inch                         | 8030044 | 6,105.000  | Sft   |
| 0270              | Sidewalk, Conc, 6 inch                         | 8030046 | 1,114.000  | Sft   |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0280 | _ Detectable Warning Surface, Modified                        | 8037001 | 179.000   | Ft   |
| 0290 | _ Sidewalk Retaining Wall, Integral, 6 inch to 18 inch Height | 8037010 | 30.000    | Sft  |
| 0300 | _ Sidewalk Retaining Wall, Integral, Less than 6 inch Height  | 8037010 | 140.000   | Sft  |
| 0310 | _ Sidewalk, Conc, 4 inch, Colored, Modified                   | 8037010 | 375.000   | Sft  |
| 0320 | _ Sidewalk, Ramp. 6 inch, ADA, Modified                       | 8037010 | 2,233.000 | Sft  |
| 0330 | Post, Steel, 3 lb   | 8100371 | 422.000   | Ft   |
| 0340 | Sign, Type III, Erect, Salv                                   | 8100402 | 6.000     | Ea   |
| 0350 | Sign, Type III, Rem   | 8100403 | 24.000    | Ea   |
| 0360 | Sign, Type IIIA   | 8100404 | 68.000    | Sft  |
| 0370 | Sign, Type IIIB   | 8100405 | 76.000    | Sft  |
| 0380 | Pavt Mrkg, Polyurea, 4 inch, White                            | 8110091 | 899.000   | Ft   |
| 0390 | Pavt Mrkg, Polyurea, 4 inch, Yellow                           | 8110092 | 2,154.000 | Ft   |
| 0400 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk                        | 8110093 | 696.000   | Ft   |
| 0410 | Pavt Mrkg, Polyurea, 12 inch, Crosswalk                       | 8110110 | 732.000   | Ft   |
| 0420 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                        | 8110114 | 188.000   | Ft   |
| 0430 | Pavt Mrkg, Polyurea, Sharrow Symbol                           | 8110115 | 18.000    | Ea   |
| 0440 | Barricade, Type III, High Intensity, Lighted, Furn            | 8120022 | 15.000    | Ea   |
| 0450 | Barricade, Type III, High Intensity, Lighted, Oper            | 8120023 | 15.000    | Ea   |
| 0460 | Channelizing Device, 42 inch, Furn                            | 8120030 | 150.000   | Ea   |
| 0470 | Channelizing Device, 42 inch, Oper                            | 8120031 | 150.000   | Ea   |
| 0480 | Lighted Arrow, Type B, Furn                                   | 8120130 | 2.000     | Ea   |
| 0490 | Lighted Arrow, Type B, Oper                                   | 8120131 | 2.000     | Ea   |
| 0500 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0510 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                  | 8120210 | 75.000    | Ft   |
| 0520 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 1,547.000 | Sft  |
| 0530 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 1,547.000 | Sft  |
| 0540 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0550 | _ Surface Restoration, Modified                               | 8167011 | 752.000   | Syd  |
| 0560 | _ Gate Valve Box, Top Section, Modified                       | 8237050 | 2.000     | Ea   |
| 0570 | _ Replace Sprinkler Head                                      | 8237050 | 4.000     | Ea   |





**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 027

**Letting Date:** June 7, 2019

**Contract ID:** 41000-202879

**Description:** 0.88 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps and pavement markings on 5 Mile Road from Plainfield Avenue (M-44) to East Beltline Avenue (M-44), Kent County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202879A        | 1900679                | N/A                 | STU 41000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$38,900.00                  | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                           | 2040020 | 50.000     | Ft    |
| 0030              | Sidewalk, Rem                                  | 2040055 | 360.000    | Syd   |
| 0040              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 20.000     | Ea    |
| 0050              | _ Project Cleanup, Modified                    | 2097051 | 1.000      | LSUM  |
| 0060              | Dr Structure Cover, Adj, Case 1                | 4030005 | 19.000     | Ea    |
| 0070              | Dr Structure, Temp Lowering                    | 4030390 | 18.000     | Ea    |
| 0080              | _ Manhole Channel Protection                   | 4037050 | 11.000     | Ea    |
| 0090              | Cold Milling HMA Surface                       | 5010002 | 22,488.000 | Syd   |
| 0100              | Hand Patching                                  | 5010025 | 20.000     | Ton   |
| 0110              | HMA, 3C  | 5010031 | 2,166.000  | Ton   |
| 0120              | HMA, 5E3                                       | 5010057 | 2,200.000  | Ton   |
| 0130              | Curb and Gutter, Conc, Det F4                  | 8020038 | 75.000     | Ft    |
| 0140              | Detectable Warning Surface                     | 8030010 | 140.000    | Ft    |
| 0150              | Curb Ramp Opening, Conc                        | 8030030 | 48.000     | Ft    |
| 0160              | Sidewalk Ramp, Conc, 6 inch                    | 8030036 | 2,500.000  | Sft   |
| 0170              | Sidewalk, Conc, 4 inch                         | 8030044 | 775.000    | Sft   |
| 0180              | Pavt Mrkg, Polyurea, 12 inch, Crosswalk        | 8110110 | 45.000     | Ft    |
| 0190              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar         | 8110114 | 60.000     | Ft    |
| 0200              | Pavt Mrkg, Waterborne, 4 inch, White           | 8110231 | 8,000.000  | Ft    |
| 0210              | Pavt Mrkg, Waterborne, 4 inch, Yellow          | 8110232 | 15,400.000 | Ft    |
| 0220              | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym         | 8110405 | 3.000      | Ea    |
| 0230              | Pavt Mrkg, Polyurea, Only                      | 8110410 | 1.000      | Ea    |
| 0240              | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym         | 8110412 | 4.000      | Ea    |
| 0250              | Pedestrian Type II Barricade, Temp             | 8120026 | 14.000     | Ea    |
| 0260              | Channelizing Device, 42 inch, Furn             | 8120030 | 250.000    | Ea    |
| 0270              | Channelizing Device, 42 inch, Oper             | 8120031 | 250.000    | Ea    |

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|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Lighted Arrow, Type C, Furn                    | 8120140 | 1.000     | Ea   |
| 0290 | Lighted Arrow, Type C, Oper                    | 8120141 | 1.000     | Ea   |
| 0300 | Minor Traf Devices                             | 8120170 | 1.000     | LSUM |
| 0310 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp | 8120231 | 1,500.000 | Ft   |
| 0320 | Sign, Type B, Temp, Prismatic, Furn            | 8120350 | 862.000   | Sft  |
| 0330 | Sign, Type B, Temp, Prismatic, Oper            | 8120351 | 862.000   | Sft  |
| 0340 | Sign, Type B, Temp, Prismatic, Special, Furn   | 8120352 | 10.000    | Sft  |
| 0350 | Sign, Type B, Temp, Prismatic, Special, Oper   | 8120353 | 10.000    | Sft  |
| 0360 | _ Roadside Seeding                             | 8167011 | 1,000.000 | Syd  |
| 0370 | Water Shutoff, Adj, Temp, Case 1               | 8230381 | 7.000     | Ea   |

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5/3/2019 9:17 AM

AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 028**Letting Date:** June 7, 2019**Contract ID:** 79000-204903**Description:** 4.01 mi of double chip seal, fog seal and permanent signing on Dodge Road from Deckerville Road north to Kelly Road, Tuscola County. This is a Local Agency project.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204903A        | 1900621                | N/A                 | STL 79000       |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$29,100.00                           | 1500001 | 1.000      | LSUM  |
| 0020              | Shoulder, CI II   | 3070121 | 3,070.000  | Ton   |
| 0030              | Seal, Double Chip                                       | 5050002 | 51,800.000 | Syd   |
| 0040              | Post, Mailbox   | 8070095 | 14.000     | Ea    |
| 0050              | Post, Steel, 3 lb                                       | 8100371 | 450.000    | Ft    |
| 0060              | Sign, Type III, Rem                                     | 8100403 | 23.000     | Ea    |
| 0070              | Sign, Type IIIB   | 8100405 | 61.000     | Sft   |
| 0080              | Reflective Panel for Permanent Sign Support, 6 foot     | 8100616 | 15.000     | Ea    |
| 0090              | _ Sign, Type IIIA, Modified                             | 8107010 | 107.000    | Sft   |
| 0100              | Pavt Mrkg, Waterborne, 4 inch, White                    | 8110231 | 42,338.000 | Ft    |
| 0110              | Pavt Mrkg, Waterborne, 4 inch, Yellow                   | 8110232 | 6,719.000  | Ft    |
| 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              | Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional | 8120281 | 424.000    | Ea    |
| 0160              | Sign, Type B, Temp, Prismatic, Furn                     | 8120350 | 432.000    | Sft   |
| 0170              | Sign, Type B, Temp, Prismatic, Oper                     | 8120351 | 432.000    | Sft   |
| 0180              | Traf Regulator Control                                  | 8120370 | 1.000      | LSUM  |
| 0190              | _ Seal, Fog   | 8507011 | 51,800.000 | Syd   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 029

**Letting Date:** June 7, 2019

**Contract ID:** 13000-202882

**Description:** 20.03 mi of tree removal and clearing on various routes, Calhoun County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202882A        | 1900405                | N/A                 | HSIP 13000      |
| 203497A        | 1900405                | N/A                 | HRRR 13000      |

**List of Items by Section**

| Line Num          | Item Description                    | Item ID | Quantity | Units |
|-------------------|-------------------------------------|---------|----------|-------|
| <b>Section: 1</b> |                                     |         |          |       |
| 0010              | Mobilization, Max \$29,200.00       | 1500001 | 1.000    | LSUM  |
| 0020              | Clearing                            | 2010001 | 42.000   | Acre  |
| 0030              | Channelizing Device, 42 inch, Furn  | 8120030 | 60.000   | Ea    |
| 0040              | Channelizing Device, 42 inch, Oper  | 8120031 | 60.000   | Ea    |
| 0050              | Lighted Arrow, Type C, Furn         | 8120140 | 4.000    | Ea    |
| 0060              | Lighted Arrow, Type C, Oper         | 8120141 | 4.000    | Ea    |
| 0070              | Minor Traf Devices                  | 8120170 | 1.000    | LSUM  |
| 0080              | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 592.000  | Sft   |
| 0090              | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 592.000  | Sft   |
| 0100              | Traf Regulator Control              | 8120370 | 1.000    | LSUM  |
| 0110              | Slope Restoration, Type B           | 8160101 | 500.000  | Syd   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 030

**Letting Date:** June 7, 2019

**Contract ID:** 77000-204206

**Description:** Bridge removal and replacement and approach work on Starville Road over Beaubien Creek, St. Clair County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204206A        | 1900713                | N/A                 | AID 77000       |

**List of Items by Section**

| Line Num          | Item Description                             | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$90,200.00                | 1500001 | 1.000     | LSUM  |
| 0020              | _ Clearing, Modified                         | 2017002 | 4.000     | Sta   |
| 0030              | Culv, Rem, Less than 24 inch                 | 2030001 | 1.000     | Ea    |
| 0040              | Fence, Rem                                   | 2040025 | 261.000   | Ft    |
| 0050              | Exploratory Investigation, Vertical          | 2040080 | 20.000    | Ft    |
| 0060              | _ Pavt, Rem, Modified                        | 2047011 | 1,084.000 | Syd   |
| 0070              | Embankment, CIP                              | 2050010 | 328.000   | Cyd   |
| 0080              | Excavation, Earth                            | 2050016 | 1,418.000 | Cyd   |
| 0090              | Erosion Control, Check Dam, Stone            | 2080012 | 60.000    | Ft    |
| 0100              | Erosion Control, Silt Fence                  | 2080036 | 842.000   | Ft    |
| 0110              | Project Cleanup                              | 2090001 | 1.000     | LSUM  |
| 0120              | _ Subbase, Modified                          | 3017021 | 415.000   | Cyd   |
| 0130              | _ Aggregate Base, Modified                   | 3027031 | 1,253.000 | Ton   |
| 0140              | _ Shoulder CI II, Modified                   | 3027031 | 40.000    | Ton   |
| 0150              | _ Shoulder, Cobble                           | 3077031 | 60.000    | Ton   |
| 0160              | _ Geocell Reinforcement                      | 3087011 | 225.000   | Syd   |
| 0170              | _ Geotextile Base Reinforcement              | 3087011 | 1,457.000 | Syd   |
| 0180              | _ Geotextile Stabilization, Modified         | 3087011 | 1,457.000 | Syd   |
| 0190              | _ Culv, CI F, CSP, 15 inch, Modified         | 4017001 | 78.000    | Ft    |
| 0200              | _ Culv, CI F, CSP, 18 inch, Modified         | 4017001 | 85.000    | Ft    |
| 0210              | HMA, 3C                                      | 5010031 | 222.000   | Ton   |
| 0220              | HMA, 4E1                                     | 5010050 | 148.000   | Ton   |
| 0230              | HMA, 5E1                                     | 5010056 | 111.000   | Ton   |
| 0240              | HMA Approach                                 | 5010061 | 9.000     | Ton   |
| 0250              | _ Curb and Gutter, Bridge Approach, Modified | 8027001 | 82.000    | Ft    |
| 0260              | _ Shoulder Gutter, Det 2, Modified           | 8027050 | 2.000     | Ea    |
| 0270              | Guardrail, Type B                            | 8070000 | 164.000   | Ft    |
| 0280              | Guardrail Anch, Bridge, Det T2               | 8070023 | 4.000     | Ea    |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0290 | Guardrail Approach Terminal, Type 2B                             | 8070042 | 4.000     | Ea   |
| 0300 | Guardrail Reflector  | 8070080 | 24.000    | Ea   |
| 0310 | Post, Mailbox  | 8070095 | 1.000     | Ea   |
| 0320 | _ Hand Digging Guardrail Post                                    | 8077050 | 4.000     | Ea   |
| 0330 | Pavt Mrkg, Polyurea, 4 inch, Yellow                              | 8110092 | 120.000   | Ft   |
| 0340 | Pavt Mrkg, Polyurea, 6 inch, White                               | 8110094 | 930.000   | Ft   |
| 0350 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 8.000     | Ea   |
| 0360 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000     | Ea   |
| 0370 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0380 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 277.000   | Sft  |
| 0390 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 277.000   | Sft  |
| 0400 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 45.000    | Sft  |
| 0410 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 45.000    | Sft  |
| 0420 | _ Cobble Spillway  | 8137011 | 28.000    | Syd  |
| 0430 | _ Slope Restoration, Modified                                    | 8167011 | 1,010.000 | Syd  |

**Section: 2**

|      |   |         |            |      |
|------|---|---------|------------|------|
| 0440 | Structures, Rem                                   | 2040060 | 1.000      | LSUM |
| 0450 | Excavation, Channel                               | 2050015 | 189.000    | Cyd  |
| 0460 | Backfill, Structure, CIP                          | 2060002 | 130.000    | Cyd  |
| 0470 | Excavation, Fdn                                   | 2060010 | 1,152.000  | Cyd  |
| 0480 | _ Backfill, Structure, Modified                   | 2067021 | 386.000    | Cyd  |
| 0490 | Erosion Control, Filter Bag                       | 2080014 | 2.000      | Ea   |
| 0500 | Erosion Control, Gravel Filter Berm               | 2080018 | 50.000     | Ft   |
| 0510 | Erosion Control, Turbidity Curtain, Deep          | 2080042 | 250.000    | Ft   |
| 0520 | Underdrain, Fdn, 6 inch                           | 4040033 | 120.000    | Ft   |
| 0530 | Underdrain Outlet, 6 inch                         | 4040093 | 13.000     | Ft   |
| 0540 | Underdrain, Outlet Ending, 6 inch                 | 4040113 | 2.000      | Ea   |
| 0550 | Cofferdams, Left in Place                         | 7040009 | 1.000      | LSUM |
| 0560 | Conc, Grade D                                     | 7060010 | 46.000     | Cyd  |
| 0570 | Conc, Grade S2, Subfooting                        | 7060012 | 13.000     | Cyd  |
| 0580 | Conc, Grade T                                     | 7060013 | 184.000    | Cyd  |
| 0590 | Expansion Joint Device                            | 7060050 | 35.000     | Ft   |
| 0600 | False Decking                                     | 7060060 | 748.000    | Sft  |
| 0610 | Reinforcement, Steel, Epoxy Coated                | 7060092 | 15,682.000 | Lb   |
| 0620 | Substructure Conc                                 | 7060100 | 5.000      | Cyd  |
| 0630 | _ Conc, Ultra High Performance                    | 7067021 | 7.000      | Cyd  |
| 0640 | _ Structure Name Plate                            | 7067050 | 1.000      | Ea   |
| 0650 | _ Precast, Conc Substructure, Erect               | 7067051 | 1.000      | LSUM |
| 0660 | _ Precast, Conc Substructure, Furn and Fab        | 7067051 | 1.000      | LSUM |
| 0670 | _ UHPC Trial Batch                                | 7067051 | 1.000      | LSUM |
| 0680 | _ Prefabricated Bridge Superstructure, Erect      | 7077051 | 1.000      | LSUM |
| 0690 | _ Prefabricated Bridge Superstructure, Furn & Fab | 7077051 | 1.000      | LSUM |

|      |                                  |         |         |     |
|------|----------------------------------|---------|---------|-----|
| 0700 | Joint Waterproofing              | 7100001 | 415.000 | Sft |
| 0710 | Bridge Railing, 2 Tube           | 7110008 | 77.000  | Ft  |
| 0720 | Epoxy Ovly                       | 7120020 | 187.000 | Syd |
| 0730 | Reinforcement, Mechanical Splice | 7120084 | 56.000  | Ea  |
| 0740 | Riprap, Plain                    | 8130010 | 254.000 | Syd |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 031

**Letting Date:** June 7, 2019

**Contract ID:** 73000-133035

**Description:** Bridge replacement and approach work on Orr Road over Marsh Creek, Saginaw County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 133035A        | 1900716                | N/A                 | BO 73000        |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$88,800.00                                    | 1500001 | 1.000     | LSUM  |
| 0020              | _ Clearing, Modified   | 2017002 | 6.000     | Sta   |
| 0030              | Culv, Rem, Less than 24 inch                                     | 2030001 | 1.000     | Ea    |
| 0040              | Guardrail, Rem   | 2040035 | 65.000    | Ft    |
| 0050              | Embankment, CIP  | 2050010 | 180.000   | Cyd   |
| 0060              | Excavation, Earth  | 2050016 | 845.000   | Cyd   |
| 0070              | Erosion Control, Silt Fence                                      | 2080036 | 1,200.000 | Ft    |
| 0080              | Subbase, CIP   | 3010002 | 940.000   | Cyd   |
| 0090              | _ Aggregate Base, 24 inch, Modified                              | 3027011 | 310.000   | Syd   |
| 0100              | _ Aggregate Base, 8 inch, Modified                               | 3027011 | 2,580.000 | Syd   |
| 0110              | _ Aggregate Surface Cse, 6 inch, Modified                        | 3067011 | 745.000   | Syd   |
| 0120              | _ Shoulder, CI II, 4 inch, Modified                              | 3077011 | 285.000   | Syd   |
| 0130              | HMA, LVSP  | 5010703 | 310.000   | Ton   |
| 0140              | Conc Pavt, Bridge Approach, Reinf                                | 6020600 | 100.000   | Syd   |
| 0150              | Guardrail, Type MGS-8  | 8070004 | 116.000   | Ft    |
| 0160              | Guardrail Anch, Bridge, Det T1                                   | 8070022 | 4.000     | Ea    |
| 0170              | Guardrail Approach Terminal, Type 2M                             | 8070044 | 4.000     | Ea    |
| 0180              | Guardrail Reflector  | 8070080 | 12.000    | Ea    |
| 0190              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 8.000     | Ea    |
| 0200              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000     | Ea    |
| 0210              | Minor Traf Devices   | 8120170 | 1.000     | LSUM  |
| 0220              | Sign Cover   | 8120310 | 22.000    | Ea    |
| 0230              | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 220.000   | Sft   |
| 0240              | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 220.000   | Sft   |
| 0250              | _ Riprap, Plain, Modified  | 8137011 | 20.000    | Syd   |
| 0260              | _ Turf Establishment, Performance                                | 8167011 | 1,600.000 | Syd   |



**Section: 2**

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0270 | Structures, Rem  | 2040060 | 1.000      | LSUM |
| 0280 | Excavation, Channel  | 2050015 | 85.000     | Cyd  |
| 0290 | Backfill, Structure, CIP                                   | 2060002 | 760.000    | Cyd  |
| 0300 | Excavation, Fdn  | 2060010 | 940.000    | Cyd  |
| 0310 | Erosion Control, Filter Bag                                | 2080014 | 2.000      | Ea   |
| 0320 | Erosion Control, Turbidity Curtain, Shallow                | 2080044 | 45.000     | Ft   |
| 0330 | Underdrain, Fdn, 4 inch                                    | 4040031 | 131.000    | Ft   |
| 0340 | Underdrain Outlet, 4 inch                                  | 4040091 | 20.000     | Ft   |
| 0350 | Underdrain, Outlet Ending, 4 inch                          | 4040111 | 2.000      | Ea   |
| 0360 | Cofferdams   | 7040007 | 1.000      | LSUM |
| 0370 | Prebore, Fdn Piling  | 7050001 | 646.000    | Ft   |
| 0380 | Pile Driving Equipment, Furn                               | 7050002 | 1.000      | LSUM |
| 0390 | Pile, Steel, Furn and Driven, 12 inch                      | 7050030 | 1,077.000  | Ft   |
| 0400 | Test Pile, Steel, 12 inch                                  | 7050031 | 2.000      | Ea   |
| 0410 | Pile Point, Steel  | 7050039 | 49.000     | Ea   |
| 0420 | Pile, Steel, Splice  | 7050050 | 49.000     | Ea   |
| 0430 | Bridge Ltg, Furn and Rem                                   | 7060001 | 1.000      | LSUM |
| 0440 | Bridge Ltg, Oper and Maintain                              | 7060002 | 67.000     | Cyd  |
| 0450 | Conc, Grade S2, Subfooting                                 | 7060012 | 28.000     | Cyd  |
| 0460 | False Decking  | 7060060 | 2,251.000  | Sft  |
| 0470 | Reinforcement, Steel, Epoxy Coated                         | 7060092 | 29,466.000 | Lb   |
| 0480 | Substructure Conc  | 7060100 | 208.000    | Cyd  |
| 0490 | Superstructure Conc  | 7060110 | 8.000      | Cyd  |
| 0500 | Superstructure Conc, Form, Finish, and Cure                | 7060111 | 1.000      | LSUM |
| 0510 | Superstructure Conc, Form, Finish, and Cure, Night Casting | 7060112 | 1.000      | LSUM |
| 0520 | Superstructure Conc, Night Casting                         | 7060113 | 67.000     | Cyd  |
| 0530 | Water Repellent Treatment, Penetrating                     | 7060140 | 300.000    | Syd  |
| 0540 | Bearing, Elastomeric, 2 3/4 inch                           | 7070019 | 1,404.000  | Sin  |
| 0550 | Prest Conc I Beam, Furn, 28 inch                           | 7080021 | 289.000    | Ft   |
| 0560 | Prest Conc I Beam, Erect, 28 inch                          | 7080022 | 289.000    | Ft   |
| 0570 | Joint Waterproofing  | 7100001 | 235.000    | Sft  |
| 0580 | Bridge Railing, 2 Tube                                     | 7110008 | 79.000     | Ft   |
| 0590 | _ Structure Name Plate                                     | 7117050 | 1.000      | Ea   |
| 0600 | _ Riprap, Heavy, Modified                                  | 8137011 | 290.000    | Syd  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 032

**Letting Date:** June 7, 2019

**Contract ID:** 50000-205592

**Description:** 1.87 mi of hot mix asphalt cold milling and resurfacing, shoulder gravel and pavement markings on Capac Road from Armada Center Road north to Irwin Road and on Armada Center Road from Capac Road to west of Coon Creek Road, Macomb County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205592A        | 1900628                | N/A                 | STL 50000       |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$38,000.00                                 | 1500001 | 1.000      | LSUM  |
| 0020              | Project Cleanup   | 2090001 | 1.000      | LSUM  |
| 0030              | _ Shoulder, Class II, Modified                                | 3077031 | 1,200.000  | Ton   |
| 0040              | Pavt, Cleaning  | 5010001 | 1.000      | LSUM  |
| 0050              | Pavt for Butt Joints, Rem                                     | 5010008 | 706.000    | Syd   |
| 0060              | Pavt Joint and Crack Repr, Det 7                              | 5010020 | 1,500.000  | Ft    |
| 0070              | Hand Patching   | 5010025 | 78.000     | Ton   |
| 0080              | HMA, 5E3  | 5010057 | 2,600.000  | Ton   |
| 0090              | HMA Approach  | 5010061 | 42.000     | Ton   |
| 0100              | Pavt Mrkg, Waterborne, 4 inch, Yellow                         | 8110232 | 11,500.000 | Ft    |
| 0110              | Pavt Mrkg, Waterborne, 6 inch, White                          | 8110233 | 19,800.000 | Ft    |
| 0120              | Recessing Pavt Mrkg, Longit                                   | 8110450 | 31,300.000 | Ft    |
| 0130              | Channelizing Device, 42 inch, Furn                            | 8120030 | 230.000    | Ea    |
| 0140              | Channelizing Device, 42 inch, Oper                            | 8120031 | 230.000    | Ea    |
| 0150              | Lighted Arrow, Type C, Furn                                   | 8120140 | 4.000      | Ea    |
| 0160              | Lighted Arrow, Type C, Oper                                   | 8120141 | 4.000      | Ea    |
| 0170              | Minor Traf Devices  | 8120170 | 1.000      | LSUM  |
| 0180              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 1,100.000  | Ft    |
| 0190              | Plastic Drum, High Intensity, Furn                            | 8120250 | 20.000     | Ea    |
| 0200              | Plastic Drum, High Intensity, Oper                            | 8120251 | 20.000     | Ea    |
| 0210              | Sign Cover  | 8120310 | 1.000      | Ea    |
| 0220              | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 472.000    | Sft   |
| 0230              | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 472.000    | Sft   |
| 0240              | Sign, Type B, Temp, Prismatic, Special, Furn                  | 8120352 | 100.000    | Sft   |
| 0250              | Sign, Type B, Temp, Prismatic, Special, Oper                  | 8120353 | 100.000    | Sft   |
| 0260              | Traf Regulator Control  | 8120370 | 1.000      | LSUM  |
| 0270              | Monument Box Adjust   | 8210005 | 2.000      | Ea    |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 033**Letting Date:** June 7, 2019**Contract ID:** 27564-201178**Description:** Runway 9/27 Rehabilitation and Lighting Reconstruction at the Gogebic-Iron County Airport, city of Ironwood, Gogebic County.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 201178A        | X-26-0050-3019         | N/A                 | FM 27564        |
| 201179A        | X-26-0050-3019         | N/A                 | FM 27564        |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization and General Conditions   | 1000400 | 1.000      | LSUM  |
| 0020              | Safety and Security   | 1000410 | 1.000      | LSUM  |
| 0030              | Engineer's Field Office/Laboratory  | 1000420 | 1.000      | LSUM  |
| 0040              | Runway Strip Marker or Circle Segment, Steel Frame  | 1000510 | 20.000     | Ea    |
| 0050              | Permits   | 1000535 | 10,000.000 | Dir   |
| 0060              | Sawing Bituminous Pavement, Specified Dimensions  | 1010215 | 12,668.000 | Lft   |
| 0070              | Airport Windcone, L-806 (L), LED, 6.6A, Style and Size as Specified   | 1070520 | 2.000      | Ea    |
| 0080              | Airport Windcone, L-807 (L), LED, 6.6A, Style and Size as Specified   | 1070525 | 1.000      | Ea    |
| 0090              | Misc. Remove Existing Airport Windcone  | 1077050 | 3.000      | Ea    |
| 0100              | Misc. Remove Existing Steel Frame Circle Segment  | 1077050 | 20.000     | Ea    |
| 0110              | Bare Counterpoise Wire, #6, Solid, Installed  | 1080531 | 17,800.000 | Lft   |
| 0120              | Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed  | 1080595 | 27,500.000 | Lft   |
| 0130              | Electrical Vault Modifications, As Specified  | 1090515 | 1.000      | LSUM  |
| 0140              | Plastic Conduit, 2", Direct Burial  | 1100614 | 4,778.000  | Lft   |
| 0150              | Misc. Plastic Conduit, 2" (Under Pavement), with CLSM   | 1107001 | 12,880.000 | Lft   |
| 0160              | Electrical Handhole, With Cover, as Specified   | 1150550 | 2.000      | Ea    |
| 0170              | High Intensity Runway Light, L862, (HIRL), 6.6A, Base Mount, 360 Clear, Height as Specified                   | 1250510 | 18.000     | Ea    |
| 0180              | High Intensity Runway Light, L862, (HIRL), 6.6A, Base Mount, 180 Red/180 Green Colors, Height as specified    | 1250520 | 16.000     | Ea    |
| 0190              | High Intensity Runway Light, L862, (HIRL), 6.6A, Base Mount, 180 Yellow/180 Clear Colors, Height as Specified | 1250526 | 43.000     | Ea    |
| 0200              | Remove Existing High Intensity Base Mounted Light   | 1250553 | 86.000     | Ea    |
| 0210              | Medium Intensity Edge Light, L861, (MIRL/MITL),6.6A, Base Mount, 360 Blue Color, Height as specified          | 1250592 | 1.000      | Ea    |

|      |   |         |             |      |
|------|---|---------|-------------|------|
| 0220 | Relocate Existing Medium Intensity Base Mounted Light   | 1250641 | 21.000      | Ea   |
| 0230 | Remove Existing Medium Intensity Stake Mounted Light  | 1250642 | 7.000       | Ea   |
| 0240 | Remove Existing Medium Intensity Base Mounted Light   | 1250643 | 14.000      | Ea   |
| 0250 | Taxiway Guidance Sign, L858 (L), LED, 3 Module, Pad Mounted, Type, Size, and Style as Specified | 1250707 | 1.000       | Ea   |
| 0260 | Distance Remaining Sign, L-858B/L858H (L), LED, Pad Mounted, Size and Style as Specified        | 1250711 | 5.000       | Ea   |
| 0270 | Relocate Guidance Sign  | 1250798 | 6.000       | Ea   |
| 0280 | Remove Guidance Sign  | 1250799 | 12.000      | Ea   |
| 0290 | Runway End Identifier Light System (REIL), L849 (L) LED, Type and Style as Specified            | 1250815 | 1.000       | Set  |
| 0300 | Misc. Install In-Pavement Bi-Directional Runway Edge Light                                      | 1257050 | 1.000       | Ea   |
| 0310 | Misc. Remove In-Pavement Light Base or Junction Can   | 1257050 | 12.000      | Ea   |
| 0320 | Misc. Remove Existing Runway End Identifier Light System (REIL)                                 | 1257051 | 1.000       | LSUM |
| 0330 | Erosion Control, Silt Fence   | 1560625 | 500.000     | Lft  |
| 0340 | Bituminous Surface Course-Gradation 2   | 4010638 | 21,444.000  | Ton  |
| 0350 | Bituminous Surface Course-Gradation 2   | 4030638 | 6,092.000   | Ton  |
| 0360 | Bituminous Tack Coat  | 6030510 | 10,198.000  | Gal  |
| 0370 | Airport Pavement Marking, Solid, Black  | 6200517 | 1,629.000   | Sft  |
| 0380 | Airport Pavement Marking, 1/2 Rate, Striated, White   | 6200518 | 86,808.000  | Sft  |
| 0390 | Airport Pavement Marking, 1/2 Rate, Solid, Yellow   | 6200519 | 2,875.000   | Sft  |
| 0400 | Airport Pavement Marking, Striated, White, With Reflective Beads                                | 6200532 | 86,808.000  | Sft  |
| 0410 | Airport Pavement Marking, Solid, Yellow, With Reflective Beads                                  | 6200535 | 5,537.000   | Sft  |
| 0420 | Saw Cut Grooves   | 6210520 | 57,608.000  | Syd  |
| 0430 | Misc. Cable Trench for Lighting and Signage, In Asphalt   | 8007001 | 355.000     | Lft  |
| 0440 | Misc. Underground Electrical Duct, 4 Bank 3", Directional Bore                                  | 8007001 | 125.000     | Lft  |
| 0450 | Misc. Turf Dressing, By Station   | 8007002 | 137.000     | Sta  |
| 0460 | Misc. Fine Grade & Compact Aggregate/Pulverized Bituminous Base Course                          | 8007011 | 101,971.000 | Syd  |
| 0470 | Misc. Geotextile Separator, As Specified  | 8007011 | 7,187.000   | Syd  |
| 0480 | Misc. Pulverize Bituminous Pavement, 6" & Greater Thickness                                     | 8007011 | 101,583.000 | Syd  |
| 0490 | Misc. 24-inch Depth Subbase Excavation  | 8007021 | 6,388.000   | Cyd  |
| 0500 | Misc. Base Repair Excavation  | 8007021 | 1,029.000   | Cyd  |
| 0510 | Misc. Remove and Stockpile Pulverized Material  | 8007021 | 12,727.000  | Cyd  |
| 0520 | Misc. Bituminous Asphalt Patching   | 8007031 | 74.000      | Ton  |
| 0530 | Misc. Remove Runway Centerline Monument/Approach Marker   | 8007050 | 10.000      | Ea   |
| 0540 | Misc. Runway Approach Surface Marker  | 8007050 | 8.000       | Ea   |
| 0550 | Misc. Runway Centerline Monument  | 8007050 | 2.000       | Ea   |
| 0560 | Misc. Construction Layout & Stakes, by Contractor   | 8007051 | 1.000       | LSUM |

|      |                            |         |           |      |
|------|----------------------------|---------|-----------|------|
| 0570 | Misc. Paving Grade Control | 8007051 | 1.000     | LSUM |
| 0580 | Misc. Utility Permits      | 8007060 | 5,000.000 | Dir  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 034

**Letting Date:** June 7, 2019

**Contract ID:** 72436-128968

**Description:** Rehabilitation of Runway 9/27 at the Roscommon County Airport, city of Houghton Lake, Roscommon County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 128968A        | X-26-0046-2419         | N/A                 | FM 72436        |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization and General Conditions                              | 1000400 | 1.000      | LSUM  |
| 0020              | Safety and Security  | 1000410 | 1.000      | LSUM  |
| 0030              | Permits  | 1000535 | 2,000.000  | Dlr   |
| 0040              | Sawing Bituminous Pavement, Specified Dimensions                 | 1010215 | 300.000    | Lft   |
| 0050              | Remove Asphalt Pavement  | 1010245 | 13,500.000 | Syd   |
| 0060              | Bare Counterpoise Wire, #6, Solid, Installed                     | 1080531 | 455.000    | Lft   |
| 0070              | Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed         | 1080595 | 1,200.000  | Lft   |
| 0080              | Misc. U.G. Cable, 4-1/C, #12m 600v, THWN-2, Installed            | 1087001 | 155.000    | Lft   |
| 0090              | Plastic Conduit, 1 1/2", Direct Burial                           | 1100613 | 360.000    | Lft   |
| 0100              | Misc. Adjust Mounting Height, Base Mounted Light                 | 1257050 | 10.000     | Ea    |
| 0110              | Misc. Adjust Mounting Height, Stake Mounted Light                | 1257050 | 26.000     | Ea    |
| 0120              | Misc. Adjust Mtg. Height, Single Panel Twy. Guidance Sign        | 1257050 | 4.000      | Ea    |
| 0130              | Misc. Adjust Stake Mtd. Light with New Stake Mounting            | 1257050 | 15.000     | Ea    |
| 0140              | Misc. Remove and Replace REIL Base                               | 1257050 | 1.000      | Ea    |
| 0150              | Misc. Remove and Replace Stake Mtd. Light with Base Mtg.         | 1257050 | 6.000      | Ea    |
| 0160              | Unclassified Excavation  | 1520410 | 5,900.000  | Cyd   |
| 0170              | Borrow Excavation,Furnished By Contractor From Off-Site Location | 1520456 | 5,100.000  | Cyd   |
| 0180              | Erosion Control, Silt Fence                                      | 1560625 | 9,900.000  | Lft   |
| 0190              | Misc. Sediment Trap  | 1567050 | 2.000      | Ea    |
| 0200              | Misc. Full Depth Recycled Asphalt/Aggregate Base Course          | 2077011 | 28,340.000 | Syd   |
| 0210              | Salvage Pulverized Material                                      | 2080555 | 500.000    | Cyd   |
| 0220              | Misc. Aggregate Base Course as Specified, Compacted In Place     | 2087021 | 5,362.000  | Cyd   |
| 0230              | Bituminous Surface Course-Gradation 2                            | 4030638 | 6,930.000  | Ton   |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0240 | Joint Construction, as Specified                               | 6050515 | 3,270.000  | Lft  |
| 0250 | Airport Pavement Marking, 1/2 Rate, Solid, Yellow and White    | 6200519 | 31,410.000 | Sft  |
| 0260 | Airport Pavement Marking, Solid, White, With Reflective Beads  | 6200534 | 28,920.000 | Sft  |
| 0270 | Airport Pavement Marking, Solid, Yellow, With Reflective Beads | 6200535 | 6,290.000  | Sft  |
| 0280 | Misc. Corrugated Steel Pipe Arch, 51" x 31", 0.109"            | 7017001 | 250.000    | Lft  |
| 0290 | Misc. Corrugated Steel Pipe Arch, 65" x 40", 0.138"            | 7017001 | 220.000    | Lft  |
| 0300 | Misc. Remove Drainage Pipe, 65" x 40" csp                      | 7017001 | 220.000    | Lft  |
| 0310 | Misc. Corrugated Steel End Section for 51" x 31" pipe          | 7017050 | 2.000      | Ea   |
| 0320 | Misc. Corrugated Steel End Section for 60" x 40" pipe          | 7017050 | 2.000      | Ea   |
| 0330 | Misc. Plain Rip Rap  | 8007011 | 40.000     | Syd  |
| 0340 | Seeding with Mixture and Rate, As Specified                    | 9010517 | 8.300      | Acre |
| 0350 | Topsoiling from Off-Site, Material Furnished By Contractor     | 9050520 | 490.000    | Cyd  |
| 0360 | Misc. Mulch Blanket  | 9087011 | 8,700.000  | Syd  |
| 0370 | Misc. Mulching as Specified                                    | 9087012 | 6.500      | Acre |

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AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 035**Letting Date:** June 7, 2019**Contract ID:** 82022-131035**Description:** 4.38 mi of freeway sign upgrading along I-94 from Outer Drive to Wyoming Avenue in the cities of Allen Park and Dearborn, Wayne County.**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 131035A        | 1900793                | N/A                 | IMG 82022       |

**List of Items by Section**

| Line Num          | Item Description                       | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$238,500.00         | 1500001 | 1.000     | LSUM  |
| 0020              | Conc Barrier, Rem                      | 2040010 | 431.000   | Ft    |
| 0030              | Curb and Gutter, Rem                   | 2040020 | 251.000   | Ft    |
| 0040              | Guardrail, Rem                         | 2040035 | 1,420.000 | Ft    |
| 0050              | Pavt, Rem                              | 2040050 | 275.000   | Syd   |
| 0060              | Exploratory Investigation, Vertical    | 2040080 | 120.000   | Ft    |
| 0070              | Excavation, Earth                      | 2050016 | 71.000    | Cyd   |
| 0080              | Aggregate Base, 6 inch                 | 3020016 | 495.000   | Syd   |
| 0090              | Shoulder, CI II                        | 3070121 | 45.000    | Ton   |
| 0100              | Dr Structure Cover, Adj, Case 2        | 4030006 | 3.000     | Ea    |
| 0110              | Dr Structure Cover, Type DX            | 4030030 | 2.000     | Ea    |
| 0120              | Conc, Grade P2                         | 6020031 | 2.000     | Cyd   |
| 0130              | Conc Pavt, Misc, Nonreinf, 8 inch      | 6020054 | 50.000    | Syd   |
| 0140              | Conc Pavt, Curing Horizontal Surfaces  | 6020159 | 300.000   | Syd   |
| 0150              | Lane Tie, Epoxy Anchored               | 6030030 | 621.000   | Ea    |
| 0160              | Valley Gutter, Conc                    | 8020060 | 256.000   | Ft    |
| 0170              | _ Valley Gutter, Conc, Modified        | 8027001 | 365.000   | Ft    |
| 0180              | Sidewalk, Conc, 4 inch                 | 8030044 | 1,015.000 | Sft   |
| 0190              | Conc Barrier, Double Face, Type A      | 8040005 | 140.000   | Ft    |
| 0200              | Conc Barrier, Split, Type A            | 8040010 | 281.000   | Ft    |
| 0210              | Glare Screen, Conc                     | 8040015 | 140.000   | Ft    |
| 0220              | Glare Screen, Conc, Split              | 8040016 | 214.000   | Ft    |
| 0230              | Conc Barrier Backfill, CIP             | 8040030 | 245.000   | Cyd   |
| 0240              | Guardrail, Type MGS-8                  | 8070004 | 1,350.000 | Ft    |
| 0250              | Guardrail Anch, Bridge, Det T1         | 8070022 | 1.000     | Ea    |
| 0260              | Guardrail Approach Terminal, Type 2M   | 8070044 | 6.000     | Ea    |
| 0270              | Guardrail Departing Terminal, Type MGS | 8070052 | 9.000     | Ea    |
| 0280              | Guardrail, Salv                        | 8070075 | 3.000     | Ft    |

|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 0290 | Guardrail Reflector  | 8070080 | 31.000    | Ea  |
| 0300 | Band, Sign   | 8100010 | 8.000     | Ea  |
| 0310 | Bridge Sign Connection, Bolt Replacement                     | 8100020 | 20.000    | Ea  |
| 0320 | Bridge Sign Connection, Conc, Type A1                        | 8100031 | 27.000    | Ea  |
| 0330 | Bridge Sign Connection, Type A, Rem                          | 8100080 | 27.000    | Ea  |
| 0340 | Bridge Sign Connection, Type C, Rem                          | 8100082 | 1.000     | Ea  |
| 0350 | Cantilever, Rem  | 8100090 | 4.000     | Ea  |
| 0360 | Cantilever, Type E   | 8100104 | 4.000     | Ea  |
| 0370 | Column, Breakaway, W8 x 13                                   | 8100120 | 16.000    | Ea  |
| 0380 | Column, Breakaway, W8 x 18                                   | 8100121 | 2.000     | Ea  |
| 0390 | Delineator Reflector, Red                                    | 8100131 | 237.000   | Ea  |
| 0400 | Delineator Reflector, Yellow                                 | 8100132 | 17.000    | Ea  |
| 0410 | Delineator Reflector, Green                                  | 8100133 | 62.000    | Ea  |
| 0420 | Delineator Reflector, White                                  | 8100134 | 467.000   | Ea  |
| 0430 | Delineator, Reflective Sheeting, 3 inch by 12 inch, White    | 8100145 | 25.000    | Ea  |
| 0440 | Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow   | 8100146 | 134.000   | Ea  |
| 0450 | Fdn, Breakaway, W8 x 13                                      | 8100160 | 16.000    | Ea  |
| 0460 | Fdn, Breakaway, W8 x 18                                      | 8100161 | 2.000     | Ea  |
| 0470 | Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased    | 8100170 | 176.000   | Ft  |
| 0480 | Fdn, Cantilever, Rem   | 8100190 | 4.000     | Ea  |
| 0490 | Fdn, Column Breakaway, Rem                                   | 8100220 | 8.000     | Ea  |
| 0500 | Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased         | 8100250 | 264.000   | Ft  |
| 0510 | Fdn, Truss Sign Structure Type E, 72 inch Dia, Cased         | 8100256 | 98.000    | Ft  |
| 0520 | Fdn, Truss, Rem  | 8100260 | 6.000     | Ea  |
| 0530 | Fdn, Wood Support, Rem                                       | 8100280 | 129.000   | Ea  |
| 0540 | Glare Screen Connection, Conc, Perforated Steel Square Tube  | 8100291 | 26.000    | Ea  |
| 0550 | Installing MDOT Supplied Sign, Type III                      | 8100302 | 8.000     | Ea  |
| 0560 | Median Barrier Connection, Conc                              | 8100310 | 1.000     | Ea  |
| 0570 | Perforated Steel Square Tube Breakaway System                | 8100330 | 22.000    | Ea  |
| 0580 | Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem | 8100331 | 1.000     | Ea  |
| 0590 | Post Hole Through Conc for Steel Post                        | 8100340 | 10.000    | Ea  |
| 0600 | Post Hole Through Conc for Wood Post                         | 8100341 | 5.000     | Ea  |
| 0610 | Delineator, Rem  | 8100349 | 750.000   | Ea  |
| 0620 | Post, Flexible, Delineator                                   | 8100360 | 159.000   | Ea  |
| 0630 | Post, Rigid, Delineator                                      | 8100361 | 558.000   | Ea  |
| 0640 | Post, Steel, 3 lb  | 8100371 | 6,768.000 | Ft  |
| 0650 | Post, Wood, 4 inch by 6 inch                                 | 8100380 | 1,506.000 | Ft  |
| 0660 | Post, Wood, 6 inch by 8 inch                                 | 8100382 | 944.000   | Ft  |
| 0670 | Sign, Type I, Rem  | 8100391 | 51.000    | Ea  |
| 0680 | Sign, Type IA  | 8100392 | 4,465.000 | Sft |
| 0690 | Sign, Type IB  | 8100393 | 396.000   | Sft |
| 0700 | Sign, Type II, Rem   | 8100397 | 128.000   | Ea  |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0710 | Sign, Type IIA   | 8100398 | 1,146.000  | Sft  |
| 0720 | Sign, Type IIB   | 8100399 | 640.000    | Sft  |
| 0730 | Sign, Type III, Erect, Salv                                      | 8100402 | 1.000      | Ea   |
| 0740 | Sign, Type III, Rem  | 8100403 | 396.000    | Ea   |
| 0750 | Sign, Type IIIA  | 8100404 | 1,231.000  | Sft  |
| 0760 | Sign, Type IIIB  | 8100405 | 1,363.000  | Sft  |
| 0770 | Transporting Salv MDOT Materials                                 | 8100420 | 1.000      | LSUM |
| 0780 | Sign, Type VA  | 8100424 | 269.000    | Sft  |
| 0790 | Sign, Type VB  | 8100425 | 785.000    | Sft  |
| 0800 | Truss, Rem   | 8100440 | 4.000      | Ea   |
| 0810 | Truss, Type E, 60 foot   | 8100486 | 1.000      | Ea   |
| 0820 | Truss, Type E, 75 foot   | 8100489 | 1.000      | Ea   |
| 0830 | Truss, Type E, 95 foot   | 8100493 | 1.000      | Ea   |
| 0840 | Truss, Type E, 100 foot  | 8100494 | 1.000      | Ea   |
| 0850 | Reflective Panel for Permanent Sign Support, 3 foot              | 8100613 | 148.000    | Ea   |
| 0860 | Reflective Panel for Permanent Sign Support, 6 foot              | 8100616 | 72.000     | Ea   |
| 0870 | Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White        | 8110490 | 3,500.000  | Ft   |
| 0880 | Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White        | 8110491 | 5,200.000  | Ft   |
| 0890 | Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 12 inch, White       | 8110493 | 800.000    | Ft   |
| 0900 | Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, Yellow       | 8110495 | 5,200.000  | Ft   |
| 0910 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 10.000     | Ea   |
| 0920 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 10.000     | Ea   |
| 0930 | Channelizing Device, 42 inch, Fluorescent, Furn                  | 8120035 | 50.000     | Ea   |
| 0940 | Channelizing Device, 42 inch, Fluorescent, Oper                  | 8120036 | 50.000     | Ea   |
| 0950 | Conc Barrier Ending, Temp, Detail 2, Furn                        | 8120041 | 5.000      | Ea   |
| 0960 | Conc Barrier Ending, Temp, Detail 2, Oper                        | 8120042 | 5.000      | Ea   |
| 0970 | Conc Barrier, Temp, Furn   | 8120081 | 2,990.000  | Ft   |
| 0980 | Conc Barrier, Temp, Oper   | 8120082 | 2,990.000  | Ft   |
| 0990 | High Intensity Light, Type B, Furn                               | 8120110 | 5.000      | Ea   |
| 1000 | High Intensity Light, Type B, Oper                               | 8120111 | 5.000      | Ea   |
| 1010 | Lighted Arrow, Type C, Furn                                      | 8120140 | 5.000      | Ea   |
| 1020 | Lighted Arrow, Type C, Oper                                      | 8120141 | 5.000      | Ea   |
| 1030 | Ltg for Night Work   | 8120160 | 1.000      | LSUM |
| 1040 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 1050 | Mobile Attenuator  | 8120180 | 4.000      | Ea   |
| 1060 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 13,850.000 | Ft   |
| 1070 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem                | 8120211 | 800.000    | Ft   |
| 1080 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 31,100.000 | Ft   |
| 1090 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 10,350.000 | Ft   |
| 1100 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 350.000    | Ea   |

|      |   |         |            |      |
|------|---|---------|------------|------|
| 1110 | Plastic Drum, Fluorescent, Oper                           | 8120253 | 350.000    | Ea   |
| 1120 | Sign Cover  | 8120310 | 20.000     | Ea   |
| 1130 | Sign Cover, Type 1  | 8120320 | 5.000      | Ea   |
| 1140 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 4.000      | Ea   |
| 1150 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 4.000      | Ea   |
| 1160 | Sign, Type B, Temp, Prismatic, Furn                       | 8120350 | 2,400.000  | Sft  |
| 1170 | Sign, Type B, Temp, Prismatic, Oper                       | 8120351 | 2,400.000  | Sft  |
| 1180 | Sign, Type B, Temp, Prismatic, Special, Furn              | 8120352 | 225.000    | Sft  |
| 1190 | Sign, Type B, Temp, Prismatic, Special, Oper              | 8120353 | 225.000    | Sft  |
| 1200 | _ Conc Barrier-Mounted Temp Sign System, Furn             | 8127050 | 14.000     | Ea   |
| 1210 | _ Conc Barrier-Mounted Temp Sign System, Oper             | 8127050 | 14.000     | Ea   |
| 1220 | Slope Restoration, Type B                                 | 8160101 | 3,000.000  | Syd  |
| 1230 | Conduit, Rem  | 8190140 | 185.000    | Ft   |
| 1240 | Conduit, Schedule 80 PVC, 3 inch                          | 8190159 | 185.000    | Ft   |
| 1250 | DB Cable, in Conduit, 600V, 1/C#6                         | 8190211 | 405.000    | Ft   |
| 1260 | Cable, Equipment Grounding Wire, 1/C#6                    | 8190236 | 135.000    | Ft   |
| 1270 | Hh, Heavy Duty Cover                                      | 8190246 | 1.000      | Ea   |
| 1280 | Contractor Staking, Road Only                             | 8240007 | 1.000      | LSUM |
| 1290 | Staking Plan Errors and Extras, One Person                | 8240020 | 20.000     | Hr   |
| 1300 | Staking Plan Errors and Extras, Two Person                | 8240021 | 8.000      | Hr   |
| 1310 | Staking Plan Errors and Extras, Three Person              | 8240022 | 12.000     | Hr   |
| 1320 | _ Railroad Inspection and Flagging - CR                   | 8507060 | 13,000.000 | Dlr  |
| 1330 | _ Railroad Inspection and Flagging - CSX                  | 8507060 | 2,600.000  | Dlr  |
| 1340 | _ Railroad Protection - CR                                | 8507060 | 10,000.000 | Dlr  |
| 1350 | _ Railroad Protection - CSX                               | 8507060 | 10,000.000 | Dlr  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 036

**Letting Date:** June 7, 2019

**Contract ID:** 18032-124054

**Description:** 0.77 mi of hot mix asphalt cold milling and resurfacing, widening for center left turn lane including drainage and safety improvements on US-127BR from Bilkare Road to Stockwell Road, Clare County. This project includes a 5 year materials and workmanship pavement warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 124054A        | 1900783                | N/A                 | HSIP 18032      |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$104,700.00                          | 1500001 | 1.000     | LSUM  |
| 0020              | Tree, Rem, 19 inch to 36 inch                           | 2020002 | 4.000     | Ea    |
| 0030              | Tree, Rem, 6 inch to 18 inch                            | 2020004 | 1.000     | Ea    |
| 0040              | Curb and Gutter, Rem                                    | 2040020 | 215.000   | Ft    |
| 0050              | Sidewalk, Rem   | 2040055 | 12.000    | Syd   |
| 0060              | _ Removal of Misc Appurtenances                         | 2047051 | 1.000     | LSUM  |
| 0070              | Embankment, CIP   | 2050010 | 1,442.000 | Cyd   |
| 0080              | Excavation, Earth                                       | 2050016 | 6,290.000 | Cyd   |
| 0090              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 50.000    | Cyd   |
| 0100              | Obliterate Old Road                                     | 2070001 | 2.000     | Sta   |
| 0110              | Erosion Control, Check Dam, Stone                       | 2080012 | 150.000   | Ft    |
| 0120              | Erosion Control, Gravel Access Approach                 | 2080016 | 1.000     | Ea    |
| 0130              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 2.000     | Ea    |
| 0140              | Erosion Control, Maintenance, Sediment Removal          | 2080026 | 5.000     | Cyd   |
| 0150              | Erosion Control, Sediment Trap                          | 2080034 | 10.000    | Ea    |
| 0160              | Erosion Control, Silt Fence                             | 2080036 | 500.000   | Ft    |
| 0170              | Subbase, CIP  | 3010002 | 6,535.000 | Cyd   |
| 0180              | Aggregate Base, 6 inch                                  | 3020016 | 7,057.000 | Syd   |
| 0190              | Aggregate Base, 9 inch                                  | 3020022 | 903.000   | Syd   |
| 0200              | Approach, CI I, 6 inch                                  | 3070008 | 3,505.000 | Syd   |
| 0210              | Approach, CI II, 6 inch                                 | 3070028 | 193.000   | Syd   |
| 0220              | _ Approach, CI I, 9 inch                                | 3077011 | 385.000   | Syd   |
| 0230              | _ Shoulder, CI II, Modified                             | 3077031 | 219.000   | Ton   |
| 0240              | Culv End Sect, 15 inch                                  | 4010015 | 2.000     | Ea    |
| 0250              | Culv End Sect, Footing                                  | 4010072 | 2.000     | Ea    |
| 0260              | Culv, CI F, 15 inch                                     | 4010608 | 40.000    | Ft    |
| 0270              | Dr Marker Post  | 4011109 | 13.000    | Ea    |

|      |   |         |            |      |
|------|---|---------|------------|------|
| 0280 | Underdrain, Subbase, 6 inch   | 4040063 | 3,930.000  | Ft   |
| 0290 | Underdrain Outlet, 6 inch   | 4040093 | 264.000    | Ft   |
| 0300 | Underdrain, Outlet Ending, 6 inch                                   | 4040113 | 11.000     | Ea   |
| 0310 | Pavt, Cleaning  | 5010001 | 1.000      | LSUM |
| 0320 | Cold Milling HMA Surface  | 5010002 | 4,375.000  | Syd  |
| 0330 | HMA Surface, Rem  | 5010005 | 7,015.000  | Syd  |
| 0340 | HMA Quality Initiative  | 5010007 | 8,126.000  | Dlr  |
| 0350 | Longitudinal Joint Density Quality Initiative                       | 5010018 | 15,728.000 | Dlr  |
| 0360 | HMA, 3E3  | 5010045 | 745.000    | Ton  |
| 0370 | HMA, 4E3  | 5010051 | 575.000    | Ton  |
| 0380 | HMA, 5E3  | 5010057 | 795.000    | Ton  |
| 0390 | HMA Approach  | 5010061 | 1,948.000  | Ton  |
| 0400 | Curb and Gutter, Conc, Det B2                                       | 8020016 | 1,908.000  | Ft   |
| 0410 | Driveway Opening, Conc, Det M                                       | 8020050 | 112.000    | Ft   |
| 0420 | Shoulder Gutter, Conc, Det 2  | 8020056 | 2.000      | Ea   |
| 0430 | Shoulder Gutter, Conc, Det 3  | 8020057 | 2.000      | Ea   |
| 0440 | Spillway, Conc  | 8020075 | 7.000      | Ft   |
| 0450 | Sidewalk, Conc, 6 inch  | 8030046 | 2,220.000  | Sft  |
| 0460 | Post, Mailbox   | 8070095 | 5.000      | Ea   |
| 0470 | Delineator Reflector, Green   | 8100133 | 8.000      | Ea   |
| 0480 | Fdn, Wood Support, Rem  | 8100280 | 4.000      | Ea   |
| 0490 | Post, Rigid, Delineator   | 8100361 | 8.000      | Ea   |
| 0500 | Post, Steel, 3 lb   | 8100371 | 477.000    | Ft   |
| 0510 | Post, Wood, 4 inch by 6 inch  | 8100380 | 88.000     | Ft   |
| 0520 | Sign, Type II, Rem  | 8100397 | 2.000      | Ea   |
| 0530 | Sign, Type IIA  | 8100398 | 40.000     | Sft  |
| 0540 | Sign, Type III, Erect, Salv   | 8100402 | 10.000     | Ea   |
| 0550 | Sign, Type III, Rem   | 8100403 | 32.000     | Ea   |
| 0560 | Sign, Type IIIA   | 8100404 | 45.000     | Sft  |
| 0570 | Sign, Type IIIB   | 8100405 | 109.000    | Sft  |
| 0580 | Sign, Type V, Rem   | 8100421 | 1.000      | Ea   |
| 0590 | Sign, Type VB   | 8100425 | 13.000     | Sft  |
| 0600 | Reflective Panel for Permanent Sign Support, 6 foot                 | 8100616 | 6.000      | Ea   |
| 0610 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                     | 8110063 | 4.000      | Ea   |
| 0620 | Pavt Mrkg, Waterborne, 4 inch, White                                | 8110231 | 45.000     | Ft   |
| 0630 | Pavt Mrkg, Waterborne, 4 inch, Yellow                               | 8110232 | 10,940.000 | Ft   |
| 0640 | Pavt Mrkg, Waterborne, 6 inch, White                                | 8110233 | 7,260.000  | Ft   |
| 0650 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White               | 8110251 | 45.000     | Ft   |
| 0660 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow              | 8110252 | 10,940.000 | Ft   |
| 0670 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White               | 8110253 | 7,260.000  | Ft   |
| 0680 | Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White | 8110294 | 170.000    | Ft   |
| 0690 | Recessing Pavt Mrkg, Longit   | 8110450 | 18,245.000 | Ft   |
| 0700 | Channelizing Device, 42 inch, Fluorescent, Furn                     | 8120035 | 100.000    | Ea   |
| 0710 | Channelizing Device, 42 inch, Fluorescent, Oper                     | 8120036 | 100.000    | Ea   |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0720 | Lighted Arrow, Type C, Furn                                     | 8120140 | 2.000     | Ea   |
| 0730 | Lighted Arrow, Type C, Oper                                     | 8120141 | 2.000     | Ea   |
| 0740 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0750 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp  | 8120235 | 7,500.000 | Ft   |
| 0760 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 1,200.000 | Ft   |
| 0770 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp    | 8120245 | 7,500.000 | Ft   |
| 0780 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp   | 8120246 | 1,200.000 | Ft   |
| 0790 | Sign Cover  | 8120310 | 6.000     | Ea   |
| 0800 | Sign, Type B, Temp, Prismatic, Furn                             | 8120350 | 664.000   | Sft  |
| 0810 | Sign, Type B, Temp, Prismatic, Oper                             | 8120351 | 664.000   | Sft  |
| 0820 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0830 | Riprap, Plain   | 8130010 | 8.000     | Syd  |
| 0840 | Site Preparation, Max \$755.00                                  | 8150001 | 1.000     | LSUM |
| 0850 | Watering and Cultivating, First Season, Min \$380.00            | 8150002 | 1.000     | LSUM |
| 0860 | Watering and Cultivating, Second Season, Min \$450.00           | 8150003 | 1.000     | LSUM |
| 0870 | Picea abies, 4 foot   | 8152740 | 3.000     | Ea   |
| 0880 | Picea glauca Densata, 4 foot                                    | 8152754 | 3.000     | Ea   |
| 0890 | Picea mariana, 4 foot   | 8152771 | 3.000     | Ea   |
| 0900 | Picea pungens, 4 foot   | 8152800 | 3.000     | Ea   |
| 0910 | _ Compacted Soil Restoration                                    | 8167011 | 400.000   | Syd  |
| 0920 | _ Turf Establishment, Performance                               | 8167011 | 6,595.000 | Syd  |
| 0930 | Protect Corners   | 8210020 | 1.000     | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 037

**Letting Date:** June 7, 2019

**Contract ID:** 03023-204557

**Description:** Partial deck replacement including bridge railing, joints, concrete curb and gutter, sidewalk and pavement markings on M-89 over the Kalamazoo River, Allegan County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204557A        | N/A                    | N/A                 | M 03023         |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$50,200.00                                    | 1500001 | 1.000     | LSUM  |
| 0020              | Curb and Gutter, Rem   | 2040020 | 16.000    | Ft    |
| 0030              | Sidewalk, Rem  | 2040055 | 10.000    | Syd   |
| 0040              | Erosion Control, Silt Fence                                      | 2080036 | 100.000   | Ft    |
| 0050              | Hand Patching  | 5010025 | 1.000     | Ton   |
| 0060              | _ Pedestrian Path, Temp  | 8007001 | 100.000   | Ft    |
| 0070              | _ Pedestrian Ramp, Temp  | 8007050 | 2.000     | Ea    |
| 0080              | _ Utility Work, Frontier Communications, Max \$41,250.00         | 8007051 | 1.000     | LSUM  |
| 0090              | Curb and Gutter, Bridge Approach                                 | 8020010 | 8.000     | Ft    |
| 0100              | Curb and Gutter, Conc, Det F1                                    | 8020035 | 8.000     | Ft    |
| 0110              | Sidewalk, Conc, 6 inch   | 8030046 | 85.000    | Sft   |
| 0120              | Guardrail, Reconst, Type T                                       | 8070109 | 30.000    | Ft    |
| 0130              | Pavt Mrkg, Waterborne, 6 inch, White                             | 8110233 | 275.000   | Ft    |
| 0140              | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White            | 8110253 | 275.000   | Ft    |
| 0150              | Rem Curing Compound, for Longit Mrkg, 6 inch                     | 8110308 | 275.000   | Ft    |
| 0160              | Witness, Log, \$1,000.00   | 8110350 | 1,000.000 | Dlr   |
| 0170              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000     | Ea    |
| 0180              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 4.000     | Ea    |
| 0190              | Pedestrian Type II Barricade, Temp                               | 8120026 | 4.000     | Ea    |
| 0200              | Conc Barrier Ending, Temp, Detail 2, Furn                        | 8120041 | 2.000     | Ea    |
| 0210              | Conc Barrier Ending, Temp, Detail 2, Oper                        | 8120042 | 2.000     | Ea    |
| 0220              | Conc Barrier Reflector Replacement                               | 8120070 | 20.000    | Ea    |
| 0230              | Conc Barrier, Temp, Furn   | 8120081 | 550.000   | Ft    |
| 0240              | Conc Barrier, Temp, Oper   | 8120082 | 550.000   | Ft    |
| 0250              | High Intensity Light, Type B, Furn                               | 8120110 | 2.000     | Ea    |
| 0260              | High Intensity Light, Type B, Oper                               | 8120111 | 2.000     | 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 | Pavt Mrkg Cover, Type R, Black                                | 8120200 | 3,250.000 | Ft   |
| 0310 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 2,600.000 | Ft   |
| 0320 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 4,000.000 | Ft   |
| 0330 | Plastic Drum, Fluorescent, Furn                               | 8120252 | 75.000    | Ea   |
| 0340 | Plastic Drum, Fluorescent, Oper                               | 8120253 | 75.000    | Ea   |
| 0350 | Sign Cover  | 8120310 | 10.000    | Ea   |
| 0360 | Sign, Portable, Changeable Message, Furn                      | 8120330 | 2.000     | Ea   |
| 0370 | Sign, Portable, Changeable Message, Oper                      | 8120331 | 2.000     | Ea   |
| 0380 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 550.000   | Sft  |
| 0390 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 550.000   | Sft  |
| 0400 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0410 | Slope Restoration, Type B                                     | 8160101 | 100.000   | Syd  |
| 0420 | Contractor Staking  | 8240001 | 1.000     | LSUM |
| 0430 | Staking Plan Errors and Extras, One Person                    | 8240020 | 4.000     | Hr   |
| 0440 | Staking Plan Errors and Extras, Two Person                    | 8240021 | 2.000     | Hr   |
| 0450 | Staking Plan Errors and Extras, Three Person                  | 8240022 | 3.000     | Hr   |

**Section: 2**

|      |   |         |            |      |
|------|---|---------|------------|------|
| 0460 | Backfill, Structure, CIP  | 2060002 | 10.000     | Cyd  |
| 0470 | Excavation, Fdn   | 2060010 | 10.000     | Cyd  |
| 0480 | Joint, Expansion, E3  | 6020208 | 120.000    | Ft   |
| 0490 | Conc Quality Initiative   | 6020401 | 600.000    | Dlr  |
| 0500 | Bridge Ltg, Furn and Rem (B01 of 03023)                                   | 7060001 | 1.000      | LSUM |
| 0510 | Bridge Ltg, Oper and Maintain   | 7060002 | 78.000     | Cyd  |
| 0520 | Conduit, 3 inch   | 7060030 | 300.000    | Ft   |
| 0530 | Expansion Joint Device  | 7060050 | 48.000     | Ft   |
| 0540 | Expansion Joint Device, Cover Plate                                       | 7060051 | 33.000     | Ft   |
| 0550 | False Decking   | 7060060 | 2,500.000  | Sft  |
| 0560 | Reinforcement, Steel, Epoxy Coated  | 7060092 | 30,063.000 | Lb   |
| 0570 | Superstructure Conc, Form, Finish, and Cure (B01 of 03023)                | 7060111 | 1.000      | LSUM |
| 0580 | Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 03023) | 7060112 | 1.000      | LSUM |
| 0590 | Superstructure Conc, High Performance                                     | 7060116 | 52.000     | Cyd  |
| 0600 | Superstructure Conc, Night Casting, High Performance                      | 7060117 | 78.000     | Cyd  |
| 0610 | _ Strip Seal Gland Replacement  | 7067001 | 290.000    | Ft   |
| 0620 | Joint Waterproofing   | 7100001 | 30.000     | Sft  |
| 0630 | Bridge Railing, 4 Tube  | 7110010 | 270.000    | Ft   |
| 0640 | Structures, Rehabilitation, Rem Portions (B01 of 03023)                   | 7120070 | 1.000      | LSUM |
| 0650 | Bridge Joint, Revise Expansion Device                                     | 7120080 | 5.000      | Ea   |

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|      |                        |         |        |    |
|------|------------------------|---------|--------|----|
| 0660 | Drain Casting Assembly | 7170010 | 10.000 | Ea |
|------|------------------------|---------|--------|----|

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5/10/2019 8:37 AM

AASHTOWare Project™ Version 4.0 Revision 189

### Schedule of Pay Items

Report v1

**Letting Call:** 190607 038

**Letting Date:** June 7, 2019

**Contract ID:** 05031-204916

**Description:** 68.93 mi of delineator removal and installation on M-32 from US-131 to Murner Road, on M-66 from US-131 to US-31 and on M-88 from US-131 to US-31, Antrim, Charlevoix and Otsego Counties.

#### Project Information

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204916A        | 1900774                | N/A                 | HSIP 05031      |

#### List of Items by Section

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$15,600.00                                   | 1500001 | 1.000      | LSUM  |
| 0020              | Delineator Reflector, Green                                     | 8100133 | 350.000    | Ea    |
| 0030              | Delineator Reflector, White                                     | 8100134 | 3,830.000  | Ea    |
| 0040              | Delineator, Reflective Sheeting, 3 inch by 12 inch, White       | 8100145 | 2,000.000  | Ea    |
| 0050              | Delineator, Rem   | 8100349 | 400.000    | Ea    |
| 0060              | Post, Flexible, Delineator                                      | 8100360 | 1,000.000  | Ea    |
| 0070              | Post, Rigid, Delineator   | 8100361 | 2,265.000  | Ea    |
| 0080              | _ Enhanced Delineation, Bidirectional, Guardrail, Channel Mount | 8117001 | 160.000    | Ft    |
| 0090              | _ Enhanced Delineation, Bidirectional, Guardrail, Post Mount    | 8117001 | 25,700.000 | Ft    |
| 0100              | _ Traf Control  | 8127051 | 1.000      | LSUM  |
| 0110              | Contractor Staking  | 8240001 | 1.000      | LSUM  |
| 0120              | Staking Plan Errors and Extras, One Person                      | 8240020 | 2.000      | Hr    |
| 0130              | Staking Plan Errors and Extras, Two Person                      | 8240021 | 1.000      | Hr    |
| 0140              | Staking Plan Errors and Extras, Three Person                    | 8240022 | 1.000      | Hr    |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 039

**Letting Date:** June 7, 2019

**Contract ID:** 52061-202778

**Description:** 0.25 mi of hot mix asphalt reconstruction for intersection reconfiguration, concrete curb and gutter, signing, pavement markings, and centerline and shoulder corrugations on M-28 at Acre Trail Road, Marquette County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202778A        | N/A                    | N/A                 | EDA 52061       |

**List of Items by Section**

| Line Num          | Item Description                              | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$46,000.00                 | 1500001 | 1.000     | LSUM  |
| 0020              | Curb and Gutter, Rem                          | 2040020 | 201.000   | Ft    |
| 0030              | Embankment, CIP                               | 2050010 | 839.000   | Cyd   |
| 0040              | Excavation, Earth                             | 2050016 | 1,756.000 | Cyd   |
| 0050              | Subbase, CIP                                  | 3010002 | 2,092.000 | Cyd   |
| 0060              | Aggregate Base, 8 inch                        | 3020020 | 1,847.000 | Syd   |
| 0070              | Maintenance Gravel, LM                        | 3060021 | 140.000   | Cyd   |
| 0080              | Approach, CI I, 8 inch                        | 3070010 | 1,780.000 | Syd   |
| 0090              | Approach, CI II                               | 3070021 | 52.000    | Ton   |
| 0100              | Shoulder, CI I                                | 3070101 | 120.000   | Ton   |
| 0110              | Dr Structure Cover, Adj, Case 2               | 4030006 | 1.000     | Ea    |
| 0120              | Dr Structure, Adj, Add Depth                  | 4030280 | 2.000     | Ft    |
| 0130              | Pavt, Cleaning                                | 5010001 | 1.000     | LSUM  |
| 0140              | Cold Milling HMA Surface                      | 5010002 | 2,308.000 | Syd   |
| 0150              | HMA Surface, Rem                              | 5010005 | 905.000   | Syd   |
| 0160              | HMA Quality Initiative                        | 5010007 | 2,918.000 | Dlr   |
| 0170              | Longitudinal Joint Density Quality Initiative | 5010018 | 7,758.000 | Dlr   |
| 0180              | HMA, 4E3                                      | 5010051 | 276.000   | Ton   |
| 0190              | HMA, 5E3                                      | 5010057 | 469.000   | Ton   |
| 0200              | HMA Approach                                  | 5010061 | 356.000   | Ton   |
| 0210              | HMA, LVSP                                     | 5010703 | 358.000   | Ton   |
| 0220              | Curb and Gutter, Conc, Det B2                 | 8020016 | 262.000   | Ft    |
| 0230              | Post, Mailbox                                 | 8070095 | 4.000     | Ea    |
| 0240              | Delineator Reflector, Green                   | 8100133 | 2.000     | Ea    |
| 0250              | Fdn, Wood Support, Rem                        | 8100280 | 3.000     | Ea    |
| 0260              | Post, Rigid, Delineator                       | 8100361 | 2.000     | Ea    |
| 0270              | Post, Steel, 3 lb                             | 8100371 | 181.000   | Ft    |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Sign, Type II, Erect, Salv                                       | 8100396 | 1.000     | Ea   |
| 0290 | Sign, Type II, Rem   | 8100397 | 2.000     | Ea   |
| 0300 | Sign, Type III, Erect, Salv                                      | 8100402 | 2.000     | Ea   |
| 0310 | Sign, Type III, Rem  | 8100403 | 2.000     | Ea   |
| 0320 | Sign, Type IIIA  | 8100404 | 9.000     | Sft  |
| 0330 | Sign, Type IIIB  | 8100405 | 27.000    | Sft  |
| 0340 | Reflective Panel for Permanent Sign Support, 6 foot              | 8100616 | 2.000     | Ea   |
| 0350 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White               | 8110108 | 140.000   | Ft   |
| 0360 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow              | 8110109 | 180.000   | Ft   |
| 0370 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                           | 8110114 | 53.000    | Ft   |
| 0380 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 1,207.000 | Ft   |
| 0390 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 4,198.000 | Ft   |
| 0400 | Pavt Mrkg, Waterborne, 6 inch, White                             | 8110233 | 2,567.000 | Ft   |
| 0410 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 1,207.000 | Ft   |
| 0420 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 4,198.000 | Ft   |
| 0430 | Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White            | 8110253 | 2,567.000 | Ft   |
| 0440 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                           | 8110405 | 4.000     | Ea   |
| 0450 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                           | 8110412 | 5.000     | Ea   |
| 0460 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 2.000     | Ea   |
| 0470 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 2.000     | Ea   |
| 0480 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000     | Ea   |
| 0490 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000     | Ea   |
| 0500 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0510 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 300.000   | Ft   |
| 0520 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 50.000    | Ft   |
| 0530 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 600.000   | Ft   |
| 0540 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 30.000    | Ea   |
| 0550 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 30.000    | Ea   |
| 0560 | Sign Cover   | 8120310 | 2.000     | Ea   |
| 0570 | Sign, Type A, Temp, Prismatic, Furn                              | 8120340 | 30.000    | Sft  |
| 0580 | Sign, Type A, Temp, Prismatic, Oper                              | 8120341 | 30.000    | Sft  |
| 0590 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 630.000   | Sft  |
| 0600 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 630.000   | Sft  |
| 0610 | Traf Regulator Control   | 8120370 | 1.000     | LSUM |
| 0620 | Fertilizer, Chemical Nutrient, CI A                              | 8160020 | 193.000   | Lb   |
| 0630 | Mulch  | 8160025 | 4,100.000 | Syd  |
| 0640 | Mulch Anchoring  | 8160026 | 4,100.000 | Syd  |
| 0650 | Seeding, Mixture THV   | 8160040 | 186.000   | Lb   |
| 0660 | Topsoil Surface, Furn, 4 inch                                    | 8160062 | 3,100.000 | Syd  |
| 0670 | Topsoil Surface, Salv, 4 inch                                    | 8160077 | 1,000.000 | Syd  |
| 0680 | Centerline Corrugations, Milled, HMA                             | 8220013 | 1,815.000 | Ft   |
| 0690 | Non-Freeway Shoulder Corrugations, Milled, HMA                   | 8220025 | 2,012.000 | Ft   |

|      |  |         |       |      |
|------|--|---------|-------|------|
| 0700 | Contractor Staking, Road Only                | 8240007 | 1.000 | LSUM |
| 0710 | Staking Plan Errors and Extras, One Person   | 8240020 | 4.000 | Hr   |
| 0720 | Staking Plan Errors and Extras, Two Person   | 8240021 | 2.000 | Hr   |
| 0730 | Staking Plan Errors and Extras, Three Person | 8240022 | 2.000 | Hr   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 040

**Letting Date:** June 7, 2019

**Contract ID:** 82112-127749

**Description:** Dynamic speed feedback signs, delineators, signing and pavement markings on various routes at 34 ramp locations in the cities of Novi, Dearborn, and Detroit, Oakland, Wayne and Macomb Counties.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 127749A        | 1900802                | N/A                 | HSIP 82112      |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$122,200.00                                | 1500001 | 1.000     | LSUM  |
| 0020              | Exploratory Investigation, Vertical                           | 2040080 | 200.000   | Ft    |
| 0030              | Non Haz Contaminated Material Handling and Disposal, LM       | 2050031 | 5.000     | Cyd   |
| 0040              | Erosion Control, Inlet Protection, Fabric Drop                | 2080020 | 5.000     | Ea    |
| 0050              | Erosion Control, Maintenance, Sediment Removal                | 2080026 | 5.000     | Cyd   |
| 0060              | Erosion Control, Silt Fence                                   | 2080036 | 200.000   | Ft    |
| 0070              | Project Cleanup   | 2090001 | 1.000     | LSUM  |
| 0080              | _ Dynamic Speed Feedback Sign, AC                             | 8007050 | 11.000    | Ea    |
| 0090              | _ Flashing LED Border Sign, AC                                | 8007050 | 9.000     | Ea    |
| 0100              | _ Flashing LED Border Sign, Solar                             | 8007050 | 3.000     | Ea    |
| 0110              | _ Rack-Mtd Step-Down Transformer, 15 kVA                      | 8007050 | 5.000     | Ea    |
| 0120              | Delineator Reflector, Red                                     | 8100131 | 17.000    | Ea    |
| 0130              | Delineator Reflector, White                                   | 8100134 | 17.000    | Ea    |
| 0140              | Delineator, Reflective Sheeting, 3 inch by 12 inch, Red       | 8100139 | 97.000    | Ea    |
| 0150              | Delineator, Reflective Sheeting, 3 inch by 12 inch, White     | 8100145 | 27.000    | Ea    |
| 0160              | Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow    | 8100146 | 108.000   | Ea    |
| 0170              | Median Barrier Connection, Conc, Perforated Steel Square Tube | 8100311 | 31.000    | Ea    |
| 0180              | Perforated Steel Square Tube Breakaway System                 | 8100330 | 4.000     | Ea    |
| 0190              | Delineator, Rem   | 8100349 | 20.000    | Ea    |
| 0200              | Post, Flexible, Delineator                                    | 8100360 | 135.000   | Ea    |
| 0210              | Post, Rigid, Delineator                                       | 8100361 | 17.000    | Ea    |
| 0220              | Post, Steel, 3 lb   | 8100371 | 2,902.000 | Ft    |
| 0230              | Post, Wood, 4 inch by 6 inch                                  | 8100380 | 410.000   | Ft    |
| 0240              | Post, Wood, 6 inch by 8 inch                                  | 8100382 | 450.000   | Ft    |
| 0250              | Post, Wood, 6 inch by 8 inch, Direct Embedment                | 8100383 | 80.000    | Ft    |
| 0260              | Sign, Type II, Rem  | 8100397 | 5.000     | Ea    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0270 | Sign, Type IIA   | 8100398 | 329.000    | Sft  |
| 0280 | Sign, Type IIB   | 8100399 | 112.000    | Sft  |
| 0290 | Sign, Type III, Erect, Salv                                      | 8100402 | 10.000     | Ea   |
| 0300 | Sign, Type III, Rem  | 8100403 | 34.000     | Ea   |
| 0310 | Sign, Type IIIB  | 8100405 | 292.000    | Sft  |
| 0320 | Sign, Type V, Rem  | 8100421 | 1.000      | Ea   |
| 0330 | Sign, Type VB  | 8100425 | 1,304.000  | Sft  |
| 0340 | Reflective Panel for Permanent Sign Support, 3 foot              | 8100613 | 28.000     | Ea   |
| 0350 | Reflective Panel for Permanent Sign Support, 6 foot              | 8100616 | 208.000    | Ea   |
| 0360 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White               | 8110108 | 618.000    | Ft   |
| 0370 | Recessing Pavt Mrkg, Longit                                      | 8110450 | 74,498.000 | Ft   |
| 0380 | Recessing Pavt Mrkg, Transv                                      | 8110451 | 552.000    | Sft  |
| 0390 | Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White                  | 8110501 | 44,998.000 | Ft   |
| 0400 | Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White                 | 8110503 | 69.000     | Ft   |
| 0410 | Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow                 | 8110505 | 39,258.000 | Ft   |
| 0420 | Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, Yellow                | 8110507 | 569.000    | Ft   |
| 0430 | _ Enhanced Delineation, Bidirectional, Conc Barrier, Side Mount  | 8117001 | 535.000    | Ft   |
| 0440 | _ Enhanced Delineation, Bidirectional, Guardrail, Channel Mount  | 8117001 | 557.000    | Ft   |
| 0450 | _ Enhanced Delineation, Unidirectional, Conc Barrier, Side Mount | 8117001 | 9,833.000  | Ft   |
| 0460 | _ Enhanced Delineation, Unidirectional, Guardrail, Channel Mount | 8117001 | 2,272.000  | Ft   |
| 0470 | Barricade, Type III, High Intensity, Lighted, Furn               | 8120022 | 42.000     | Ea   |
| 0480 | Barricade, Type III, High Intensity, Lighted, Oper               | 8120023 | 42.000     | Ea   |
| 0490 | Lighted Arrow, Type C, Furn                                      | 8120140 | 7.000      | Ea   |
| 0500 | Lighted Arrow, Type C, Oper                                      | 8120141 | 7.000      | Ea   |
| 0510 | Ltg for Night Work   | 8120160 | 1.000      | LSUM |
| 0520 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0530 | Mobile Attenuator  | 8120180 | 6.000      | Ea   |
| 0540 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 555.000    | Ea   |
| 0550 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 555.000    | Ea   |
| 0560 | Sign Cover   | 8120310 | 10.000     | Ea   |
| 0570 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 8.000      | Ea   |
| 0580 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 8.000      | Ea   |
| 0590 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 2,651.000  | Sft  |
| 0600 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 2,651.000  | Sft  |
| 0610 | _ Conc Barrier-Mounted Temp Sign System, Furn                    | 8127050 | 21.000     | Ea   |
| 0620 | _ Conc Barrier-Mounted Temp Sign System, Oper                    | 8127050 | 21.000     | Ea   |
| 0630 | _ Horticultural Work   | 8157040 | 108.000    | Hr   |
| 0640 | _ Turf Establishment, Performance                                | 8167011 | 4,110.000  | Syd  |
| 0650 | Conduit, DB, 1, 3 inch   | 8190029 | 7,025.000  | Ft   |
| 0660 | Conduit, DB, 2, 3 inch   | 8190032 | 25.000     | Ft   |
| 0670 | DB Cable, in Conduit, 600V, 1/C#4                                | 8190207 | 9,270.000  | Ft   |



|      |  |         |            |      |
|------|--|---------|------------|------|
| 0680 | DB Cable, in Conduit, 600V, 1/C#6            | 8190211 | 14,970.000 | Ft   |
| 0690 | DB Cable, in Conduit, 600V, 1/C#8            | 8190212 | 1,455.000  | Ft   |
| 0700 | DB Cable, in Conduit, 600V, 1/C#10           | 8190213 | 3,160.000  | Ft   |
| 0710 | Cable, Equipment Grounding Wire, 1/C#4       | 8190234 | 3,090.000  | Ft   |
| 0720 | Cable, Equipment Grounding Wire, 1/C#6       | 8190236 | 5,645.000  | Ft   |
| 0730 | Cable, Equipment Grounding Wire, 1/C#8       | 8190237 | 535.000    | Ft   |
| 0740 | Cable, Equipment Grounding Wire, 1/C#10      | 8190238 | 1,580.000  | Ft   |
| 0750 | Cable, Equipment Grounding Wire, 1/C#12      | 8190239 | 70.000     | Ft   |
| 0760 | Conduit, Directional Bore, 1, 3 inch         | 8190602 | 415.000    | Ft   |
| 0770 | Conduit, Directional Bore, 2, 3 inch         | 8190604 | 1,620.000  | Ft   |
| 0780 | _ Cable, Equipment Grounding Wire, 1/C#14    | 8197001 | 115.000    | Ft   |
| 0790 | _ DB Cable, in Conduit, 600V, 1/C#12         | 8197001 | 140.000    | Ft   |
| 0800 | _ DB Cable, in Conduit, 600V, 1/C#14         | 8197001 | 230.000    | Ft   |
| 0810 | _ Conc Plug, Round                           | 8197050 | 58.000     | Ea   |
| 0820 | _ Hh, Round, Elec                            | 8197050 | 80.000     | Ea   |
| 0830 | Power Co. (Est. Cost to Contractor)          | 8200116 | 12,000.000 | Dlr  |
| 0840 | Contractor Staking, Road Only                | 8240007 | 1.000      | LSUM |
| 0850 | Staking Plan Errors and Extras, One Person   | 8240020 | 12.000     | Hr   |
| 0860 | Staking Plan Errors and Extras, Two Person   | 8240021 | 5.000      | Hr   |
| 0870 | Staking Plan Errors and Extras, Three Person | 8240022 | 7.000      | Hr   |
| 0880 | ITS Grounding, Bonding, and Surge Protection | 8260020 | 1.000      | LSUM |
| 0890 | Power Serv, Underground, 30A, 120/240V       | 8260100 | 8.000      | Ea   |
| 0900 | Safety Switch, Fusible                       | 8260109 | 13.000     | Ea   |
| 0910 | Electrical Rack                              | 8260110 | 5.000      | Ea   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 041

**Letting Date:** June 7, 2019

**Contract ID:** 39024-204725

**Description:** Construct interchange ramp lighting on I-94 at Westnedge Avenue in the city of Portage, Kalamazoo County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204725A        | 1900805                | N/A                 | NH 39024        |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$21,800.00                           | 1500001 | 1.000     | LSUM  |
| 0020              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 20.000    | Cyd   |
| 0030              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 16.000    | Ea    |
| 0040              | Erosion Control, Silt Fence                             | 2080036 | 250.000   | Ft    |
| 0050              | Barricade, Type III, High Intensity, Lighted, Furn      | 8120022 | 17.000    | Ea    |
| 0060              | Barricade, Type III, High Intensity, Lighted, Oper      | 8120023 | 17.000    | Ea    |
| 0070              | Channelizing Device, 42 inch, Fluorescent, Furn         | 8120035 | 200.000   | Ea    |
| 0080              | Channelizing Device, 42 inch, Fluorescent, Oper         | 8120036 | 200.000   | Ea    |
| 0090              | Lighted Arrow, Type C, Furn                             | 8120140 | 2.000     | Ea    |
| 0100              | Lighted Arrow, Type C, Oper                             | 8120141 | 2.000     | Ea    |
| 0110              | Minor Traf Devices                                      | 8120170 | 1.000     | LSUM  |
| 0120              | Sign Cover  | 8120310 | 10.000    | Ea    |
| 0130              | Sign, Type A, Temp, Prismatic, Furn                     | 8120340 | 34.000    | Sft   |
| 0140              | Sign, Type A, Temp, Prismatic, Oper                     | 8120341 | 34.000    | Sft   |
| 0150              | Sign, Type B, Temp, Prismatic, Furn                     | 8120350 | 292.000   | Sft   |
| 0160              | Sign, Type B, Temp, Prismatic, Oper                     | 8120351 | 292.000   | Sft   |
| 0170              | Slope Restoration, Type B                               | 8160101 | 100.000   | Syd   |
| 0180              | Conduit, Directional Bore, 2 inch                       | 8190042 | 800.000   | Ft    |
| 0190              | Conduit, Schedule 80 PVC, 2 inch                        | 8190157 | 2,240.000 | Ft    |
| 0200              | DB Cable, in Conduit, 600V, 1/C#6                       | 8190211 | 8,840.000 | Ft    |
| 0210              | DB Cable, in Conduit, 600V, 1/C#10                      | 8190213 | 2,000.000 | Ft    |
| 0220              | Cable, Equipment Grounding Wire, 1/C#6                  | 8190236 | 3,040.000 | Ft    |
| 0230              | Cable, Equipment Grounding Wire, 1/C#10                 | 8190238 | 1,000.000 | Ft    |
| 0240              | Hh, Heavy Duty Cover                                    | 8190246 | 21.000    | Ea    |
| 0250              | Light Std Arm, 15 foot                                  | 8190269 | 20.000    | Ea    |
| 0260              | Light Std Fdn   | 8190279 | 20.000    | Ea    |
| 0270              | Light Std, Frangible Transformer Base                   | 8190281 | 20.000    | Ea    |

|      |  |         |        |      |
|------|--|---------|--------|------|
| 0280 | Light Std Shaft, 30 foot or less             | 8190285 | 20.000 | Ea   |
| 0290 | _ Luminaire, Ramp                            | 8197050 | 20.000 | Ea   |
| 0300 | _ Luminaire, Underbridge                     | 8197050 | 2.000  | Ea   |
| 0310 | Contractor Staking, Road Only                | 8240007 | 1.000  | LSUM |
| 0320 | Staking Plan Errors and Extras, One Person   | 8240020 | 2.000  | Hr   |
| 0330 | Staking Plan Errors and Extras, Two Person   | 8240021 | 1.000  | Hr   |
| 0340 | Staking Plan Errors and Extras, Three Person | 8240022 | 1.000  | Hr   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 042

**Letting Date:** June 7, 2019

**Contract ID:** 82121-204003

**Description:** 2.80 mi of hot mix asphalt cold milling and resurfacing, concrete paving, curb, driveway, sidewalk and ramps, water main, lighting, signals and pavement markings on M-5 from east of the Rouge River to east of M-39 in the city of Detroit, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204003A        | N/A                    | N/A                 | GF19 82121      |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$1,332,400.00                        | 1500001 | 1.000      | LSUM  |
| 0020              | Tree, Rem, 6 inch to 18 inch                            | 2020004 | 11.000     | Ea    |
| 0030              | Stump, Rem, 6 inch to 18 inch                           | 2020008 | 5.000      | Ea    |
| 0040              | Dr Structure, Rem                                       | 2030011 | 1.000      | Ea    |
| 0050              | Curb, Rem   | 2040021 | 10,408.000 | Ft    |
| 0060              | Pavt, Rem   | 2040050 | 29,512.000 | Syd   |
| 0070              | Sidewalk, Rem   | 2040055 | 12,986.000 | Syd   |
| 0080              | Track, Rem  | 2040065 | 1,124.000  | Ft    |
| 0090              | Exploratory Investigation, Vertical                     | 2040080 | 1,060.000  | Ft    |
| 0100              | Embankment, CIP   | 2050010 | 26.000     | Cyd   |
| 0110              | Excavation, Earth                                       | 2050016 | 426.000    | Cyd   |
| 0120              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 500.000    | Cyd   |
| 0130              | Subgrade Undercutting, Type II                          | 2050041 | 250.000    | Cyd   |
| 0140              | Obliterate Old Road                                     | 2070002 | 0.430      | Acre  |
| 0150              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 92.000     | Ea    |
| 0160              | Erosion Control, Inlet Protection, Sediment Trap        | 2080024 | 92.000     | Ea    |
| 0170              | Subbase, CIP  | 3010002 | 2,297.000  | Cyd   |
| 0180              | Aggregate Base, 8 inch                                  | 3020020 | 997.000    | Syd   |
| 0190              | Sewer, CI A, 12 inch, Tr Det B                          | 4020033 | 32.000     | Ft    |
| 0200              | Sewer Tap, 12 inch                                      | 4021204 | 2.000      | Ea    |
| 0210              | Dr Structure Cover, Adj, Case 1, Modified               | 4030004 | 373.000    | Ea    |
| 0220              | Dr Structure Cover, Adj, Case 2                         | 4030006 | 11.000     | Ea    |
| 0230              | Dr Structure Cover, Type B                              | 4030010 | 3.000      | Ea    |
| 0240              | Dr Structure Cover, Type D                              | 4030025 | 6.000      | Ea    |
| 0250              | Dr Structure Cover, Type K                              | 4030050 | 2.000      | Ea    |
| 0260              | Dr Structure Cover, Type Q                              | 4030065 | 35.000     | Ea    |

|      |  |         |             |     |
|------|--|---------|-------------|-----|
| 0270 | Dr Structure, Adj, Add Depth                                 | 4030280 | 32.000      | Ft  |
| 0280 | Dr Structure, Cleaning                                       | 4030290 | 50.000      | Ea  |
| 0290 | Drop Inlet, Type 1   | 4030395 | 2.000       | Ea  |
| 0300 | _ Dr Structure Cover, ADA Compliant                          | 4037050 | 4.000       | Ea  |
| 0310 | _ Dr Structure Cover, Modified                               | 4037050 | 23.000      | Ea  |
| 0320 | _ Gate Well Cover  | 4037050 | 132.000     | Ea  |
| 0330 | _ Sewer Structure Cover                                      | 4037050 | 2.000       | Ea  |
| 0340 | _ Trench Drain, Curb Extension                               | 4067001 | 924.000     | Ft  |
| 0350 | Cold Milling HMA Surface                                     | 5010002 | 113,975.000 | Syd |
| 0360 | HMA Surface, Rem   | 5010005 | 27,883.000  | Syd |
| 0370 | HMA Quality Initiative                                       | 5010007 | 35,414.000  | Dlr |
| 0380 | Longitudinal Joint Density Quality Initiative                | 5010018 | 75,000.000  | Dlr |
| 0390 | Pavt Joint and Crack Repr, Det 7                             | 5010020 | 4,500.000   | Ft  |
| 0400 | Pavt Joint and Crack Repr, Det 8                             | 5010021 | 563.000     | Ft  |
| 0410 | Hand Patching  | 5010025 | 488.000     | Ton |
| 0420 | HMA Approach   | 5010061 | 235.000     | Ton |
| 0430 | HMA, 4E10, High Stress                                       | 5010510 | 3,728.000   | Ton |
| 0440 | HMA, 5E10, High Stress                                       | 5010516 | 12,428.000  | Ton |
| 0450 | HMA Approach, High Stress                                    | 5010520 | 828.000     | Ton |
| 0460 | Conc Base Cse, Nonreinf, 9 inch                              | 6020021 | 23,472.000  | Syd |
| 0470 | Conc Quality Initiative                                      | 6020401 | 76,441.000  | Dlr |
| 0480 | Lane Tie, Epoxy Anchored                                     | 6030030 | 6,527.000   | Ea  |
| 0490 | _ Bus Stop, Temp   | 8007050 | 20.000      | Ea  |
| 0500 | _ Managed Field Ethernet Switch, Fiber Capable               | 8007050 | 4.000       | Ea  |
| 0510 | _ Pedestrian Ramp, Temp                                      | 8007050 | 20.000      | Ea  |
| 0520 | _ Roadside Unit, Intersection                                | 8007050 | 4.000       | Ea  |
| 0530 | Driveway, Nonreinf Conc, 7 inch                              | 8010006 | 1,305.000   | Syd |
| 0540 | Curb, Conc, Det E1   | 8020001 | 926.000     | Ft  |
| 0550 | Curb, Conc, Det E2   | 8020002 | 698.000     | Ft  |
| 0560 | _ Curb, Conc, Det E1, Modified                               | 8027001 | 18,118.000  | Ft  |
| 0570 | Detectable Warning Surface                                   | 8030010 | 1,759.000   | Ft  |
| 0580 | Sidewalk Ramp, Conc, 6 inch                                  | 8030036 | 43,827.000  | Sft |
| 0590 | Sidewalk, Conc, 4 inch                                       | 8030044 | 99,123.000  | Sft |
| 0600 | Sidewalk, Conc, 7 inch                                       | 8030047 | 51.000      | Sft |
| 0610 | Band, Sign   | 8100010 | 40.000      | Ea  |
| 0620 | Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem | 8100331 | 8.000       | Ea  |
| 0630 | Post Hole Through Conc for Steel Post                        | 8100340 | 103.000     | Ea  |
| 0640 | Post, Steel, 3 lb  | 8100371 | 1,498.000   | Ft  |
| 0650 | Sign, Type III, Erect, Salv                                  | 8100402 | 39.000      | Ea  |
| 0660 | Sign, Type III, Rem  | 8100403 | 54.000      | Ea  |
| 0670 | Sign, Type IIIA  | 8100404 | 111.000     | Sft |
| 0680 | Sign, Type IIIB  | 8100405 | 738.000     | Sft |
| 0690 | _ Post, Delineator, 36 inch, White                           | 8107050 | 505.000     | Ea  |
| 0700 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, White                 | 8110042 | 8,710.000   | Ft  |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0710 | Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike          | 8110049 | 118.000    | Ea   |
| 0720 | Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym                    | 8110058 | 118.000    | Ea   |
| 0730 | Pavt Mrkg, Ovly Cold Plastic, Bus                                | 8110059 | 30.000     | Ea   |
| 0740 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 33.000     | Ea   |
| 0750 | Pavt Mrkg, Ovly Cold Plastic, Only                               | 8110068 | 2.000      | Ea   |
| 0760 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 18.000     | Ea   |
| 0770 | Pavt Mrkg, Ovly Cold Plastic, Stop                               | 8110075 | 30.000     | Ea   |
| 0780 | Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym         | 8110077 | 15.000     | Ea   |
| 0790 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk                           | 8110093 | 170.000    | Ft   |
| 0800 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White               | 8110108 | 5,072.000  | Ft   |
| 0810 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow              | 8110109 | 2,003.000  | Ft   |
| 0820 | Pavt Mrkg, Polyurea, 12 inch, Crosswalk                          | 8110110 | 16,502.000 | Ft   |
| 0830 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                           | 8110114 | 1,561.000  | Ft   |
| 0840 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 8,623.000  | Ft   |
| 0850 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 33,706.000 | Ft   |
| 0860 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 33,046.000 | Ft   |
| 0870 | Pavt Mrkg, Sprayable Thermopl, 8 inch, White                     | 8110157 | 239.000    | Ft   |
| 0880 | Pavt Mrkg, Sprayable Thermopl, 12 inch, White                    | 8110159 | 500.000    | Ft   |
| 0890 | Witness, Log, \$1,000.00   | 8110350 | 1,000.000  | Dlr  |
| 0900 | Pavt Mrkg, Modified Urethane, 4 inch, Yellow                     | 8110541 | 3,226.000  | Ft   |
| 0910 | _ Pavt Mrkg, Bike Lane, Green                                    | 8117010 | 27,263.000 | Sft  |
| 0920 | _ Pavt Mrkg, Polyurea, Yield Triangle Sym                        | 8117050 | 112.000    | Ea   |
| 0930 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 118.000    | Ea   |
| 0940 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 118.000    | Ea   |
| 0950 | Pedestrian Type II Barricade, Temp                               | 8120026 | 47.000     | Ea   |
| 0960 | Pedestrian Type II Channelizer, Temp                             | 8120027 | 2,904.000  | Ft   |
| 0970 | Channelizing Device, 42 inch, Fluorescent, Furn                  | 8120035 | 382.000    | Ea   |
| 0980 | Channelizing Device, 42 inch, Fluorescent, Oper                  | 8120036 | 382.000    | Ea   |
| 0990 | Lighted Arrow, Type C, Furn                                      | 8120140 | 6.000      | Ea   |
| 1000 | Lighted Arrow, Type C, Oper                                      | 8120141 | 6.000      | Ea   |
| 1010 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 1020 | Pavt Mrkg Cover, Type R, Black                                   | 8120200 | 2,500.000  | Ft   |
| 1030 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 12,000.000 | Ft   |
| 1040 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem                | 8120211 | 2,500.000  | Ft   |
| 1050 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp   | 8120235 | 26,317.000 | Ft   |
| 1060 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp  | 8120236 | 66,903.000 | Ft   |
| 1070 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 63,697.000 | Ft   |
| 1080 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 69,260.000 | Ft   |
| 1090 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 333.000    | Ea   |
| 1100 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 333.000    | Ea   |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 1110 | Sign Cover  | 8120310 | 20.000    | Ea   |
| 1120 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | 8120332 | 10.000    | Ea   |
| 1130 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | 8120333 | 10.000    | Ea   |
| 1140 | Sign, Type A, Temp, Prismatic, Furn                       | 8120340 | 324.000   | Sft  |
| 1150 | Sign, Type A, Temp, Prismatic, Oper                       | 8120341 | 324.000   | Sft  |
| 1160 | Sign, Type B, Temp, Prismatic, Furn                       | 8120350 | 1,233.000 | Sft  |
| 1170 | Sign, Type B, Temp, Prismatic, Oper                       | 8120351 | 1,233.000 | Sft  |
| 1180 | Sign, Type B, Temp, Prismatic, Special, Furn              | 8120352 | 491.000   | Sft  |
| 1190 | Sign, Type B, Temp, Prismatic, Special, Oper              | 8120353 | 491.000   | Sft  |
| 1200 | Traf Regulator Control                                    | 8120370 | 1.000     | LSUM |
| 1210 | Site Preparation, Max \$19,200.00                         | 8150001 | 1.000     | LSUM |
| 1220 | Watering and Cultivating, First Season, Min \$9,300.00    | 8150002 | 1.000     | LSUM |
| 1230 | Watering and Cultivating, Second Season, Min \$11,500.00  | 8150003 | 1.000     | LSUM |
| 1240 | _ Prepared Soil, Modified                                 | 8157021 | 416.000   | Cyd  |
| 1250 | _ Acer x freemanii 'Celebration', 4 inch                  | 8157050 | 10.000    | Ea   |
| 1260 | _ Bench   | 8157050 | 16.000    | Ea   |
| 1270 | _ Bike Rack   | 8157050 | 58.000    | Ea   |
| 1280 | _ Bus Shelter   | 8157050 | 5.000     | Ea   |
| 1290 | _ Eucommia ulmoides, 4 inch                               | 8157050 | 8.000     | Ea   |
| 1300 | _ Gymnocladus dioicus 'Espresso', 4 inch                  | 8157050 | 10.000    | Ea   |
| 1310 | _ Trash Receptacle  | 8157050 | 39.000    | Ea   |
| 1320 | _ Tree Grate, 4 feet by 12 feet                           | 8157050 | 35.000    | Ea   |
| 1330 | _ Tree Grate, 4 feet by 4 feet                            | 8157050 | 5.000     | Ea   |
| 1340 | _ Tree Grate, 4 feet by 8 feet                            | 8157050 | 23.000    | Ea   |
| 1350 | _ Tree Planting Bed                                       | 8157050 | 66.000    | Ea   |
| 1360 | _ Ulmus x 'Frontier', 4 inch                              | 8157050 | 38.000    | Ea   |
| 1370 | _ Watering Aeration Pipe                                  | 8157050 | 66.000    | Ea   |
| 1380 | Sodding   | 8160055 | 947.000   | Syd  |
| 1390 | Topsoil Surface, Furn, 4 inch                             | 8160062 | 947.000   | Syd  |
| 1400 | Conduit, DB, 1, 1 1/2 inch                                | 8190027 | 705.000   | Ft   |
| 1410 | Conduit, DB, 3, 3 inch                                    | 8190035 | 645.000   | Ft   |
| 1420 | Conduit, DB, 4, 3 inch                                    | 8190038 | 60.000    | Ft   |
| 1430 | Hh, Polymer Conc  | 8190250 | 8.000     | Ea   |
| 1440 | Hh, Rem   | 8190254 | 14.000    | Ea   |
| 1450 | Hh, Round, 3 foot dia                                     | 8190259 | 4.000     | Ea   |
| 1460 | Hh, Round   | 8190260 | 16.000    | Ea   |
| 1470 | Cable, Sec, 600V, 1, 3/C#6                                | 8190399 | 800.000   | Ft   |
| 1480 | Conduit, Directional Bore, 1, 3 inch                      | 8190602 | 550.000   | Ft   |
| 1490 | _ Conduit, DB, 1, 1 inch                                  | 8197001 | 120.000   | Ft   |
| 1500 | Case Sign (LED), One Way, 12 inch by 27 inch              | 8200019 | 24.000    | Ea   |
| 1510 | Case Sign, Rem  | 8200020 | 15.000    | Ea   |
| 1520 | Case Sign (LED), Two Way, 24 inch by 30 inch              | 8200022 | 1.000     | Ea   |
| 1530 | Case Sign (LED), One Way, 24 inch by 30 inch              | 8200029 | 5.000     | Ea   |

|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 1540 | Controller and Cabinet, Rem                                | 8200030 | 3.000     | Ea  |
| 1550 | Case Sign, Salv  | 8200039 | 3.000     | Ea  |
| 1560 | Controller Fdn, Base Mount                                 | 8200045 | 4.000     | Ea  |
| 1570 | Global Positioning System Module                           | 8200050 | 1.000     | Ea  |
| 1580 | Global Positioning System Module, Rem                      | 8200053 | 1.000     | Ea  |
| 1590 | Fdn, Rem   | 8200065 | 7.000     | Ea  |
| 1600 | TS, Managed Field Ethernet Switch, Layer 2, Copper         | 8200088 | 4.000     | Ea  |
| 1610 | Pedestal, Alum   | 8200100 | 47.000    | Ea  |
| 1620 | Pedestal, Fdn  | 8200105 | 54.000    | Ea  |
| 1630 | Pedestal Fdn, Rem  | 8200106 | 16.000    | Ea  |
| 1640 | Pedestal, Rem  | 8200110 | 13.000    | Ea  |
| 1650 | Power Co. (Est. Cost to Contractor)                        | 8200116 | 8,000.000 | Dir |
| 1660 | Pushbutton and Sign  | 8200121 | 44.000    | Ea  |
| 1670 | Pushbutton, Rem  | 8200122 | 14.000    | Ea  |
| 1680 | Pushbutton Pedestal, Alum                                  | 8200123 | 7.000     | Ea  |
| 1690 | Pushbutton Pedestal, Rem                                   | 8200124 | 4.000     | Ea  |
| 1700 | Pushbutton and Sign, Salv                                  | 8200126 | 11.000    | Ea  |
| 1710 | Serv Disconnect  | 8200135 | 4.000     | Ea  |
| 1720 | Serv Disconnect, Rem                                       | 8200136 | 3.000     | Ea  |
| 1730 | Span Wire  | 8200140 | 24.000    | Ea  |
| 1740 | Span Wire, Rem   | 8200141 | 14.000    | Ea  |
| 1750 | Steel Pole, Rem  | 8200145 | 7.000     | Ea  |
| 1760 | TS, Pedestal Mtd, Rem                                      | 8200179 | 5.000     | Ea  |
| 1770 | TS, Pedestrian, Bracket Arm Mtd, Rem                       | 8200180 | 8.000     | Ea  |
| 1780 | TS, Pedestrian, Pedestal Mtd, Rem                          | 8200181 | 15.000    | Ea  |
| 1790 | TS, Span Wire Mtd, Rem                                     | 8200182 | 52.000    | Ea  |
| 1800 | Cabinet, NEMA Type   | 8200186 | 4.000     | Ea  |
| 1810 | TS, One Way Span Wire Mtd, Salv                            | 8200191 | 25.000    | Ea  |
| 1820 | TS, Four Way Span Wire Mtd, Salv                           | 8200208 | 2.000     | Ea  |
| 1830 | TS, One Way Span Wire Mtd (LED)                            | 8200313 | 50.000    | Ea  |
| 1840 | TS, Two Way Span Wire Mtd (LED)                            | 8200322 | 8.000     | Ea  |
| 1850 | TS, One Way Bracket Arm Mtd (LED)                          | 8200333 | 12.000    | Ea  |
| 1860 | TS, Pedestrian, One Way Bracket Arm Mtd (LED)<br>Countdown | 8200336 | 3.000     | Ea  |
| 1870 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED)<br>Countdown | 8200339 | 15.000    | Ea  |
| 1880 | TS, One Way Pedestal Mtd (LED)                             | 8200340 | 18.000    | Ea  |
| 1890 | TS, Two Way Pedestal Mtd (LED)                             | 8200342 | 1.000     | Ea  |
| 1900 | TS, Pedestrian, One Way Pedestal Mtd (LED)<br>Countdown    | 8200345 | 4.000     | Ea  |
| 1910 | TS, Pedestrian, Two Way Pedestal Mtd (LED)<br>Countdown    | 8200347 | 4.000     | Ea  |
| 1920 | Video Traf Detection System                                | 8200380 | 1.000     | Ea  |
| 1930 | Video Traf Detection Camera                                | 8200381 | 1.000     | Ea  |
| 1940 | Wireless Vehicle Detection System                          | 8200422 | 5.000     | Ea  |
| 1950 | Wireless Vehicle Detection System, Rem                     | 8200423 | 1.000     | Ea  |



|      |   |         |            |      |
|------|---|---------|------------|------|
| 1960 | Wireless Vehicle Sensor Node                    | 8200425 | 120.000    | Ea   |
| 1970 | Wireless Vehicle Sensor Node, Rem               | 8200426 | 30.000     | Ea   |
| 1980 | TS Face, Bag                                    | 8200458 | 58.000     | Ea   |
| 1990 | TS Face, Bag, Rem                               | 8200459 | 58.000     | Ea   |
| 2000 | Strain Pole, Steel, 6 bolt, 30 foot             | 8200460 | 11.000     | Ea   |
| 2010 | Strain Pole, Steel, 6 bolt, 36 foot             | 8200461 | 5.000      | Ea   |
| 2020 | Strain Pole Fdn, 6 Bolt                         | 8200470 | 251.000    | Ft   |
| 2030 | Casing  | 8200480 | 195.000    | Ft   |
| 2040 | Cellular Modem, TS, 4G                          | 8200498 | 4.000      | Ea   |
| 2050 | _ Controller, NEMA, ATC Type                    | 8207050 | 4.000      | Ea   |
| 2060 | _ Flsh Beacon, Rectangular Rapid, Solar Power   | 8207050 | 28.000     | Ea   |
| 2070 | Monument Box                                    | 8210001 | 1.000      | Ea   |
| 2080 | Monument Preservation                           | 8210010 | 1.000      | Ea   |
| 2090 | Fire Hydrant                                    | 8230040 | 53.000     | Ea   |
| 2100 | Gate Valve and Box, 4 inch                      | 8230050 | 9.000      | Ea   |
| 2110 | Gate Valve and Box, 6 inch                      | 8230051 | 53.000     | Ea   |
| 2120 | Gate Valve and Box, 8 inch                      | 8230052 | 1.000      | Ea   |
| 2130 | Gate Valve, 8 inch                              | 8230062 | 79.000     | Ea   |
| 2140 | Gate Valve, 12 inch                             | 8230064 | 22.000     | Ea   |
| 2150 | Gate Valve, 16 inch                             | 8230065 | 5.000      | Ea   |
| 2160 | Gate Well, Abandon                              | 8230075 | 17.000     | Ea   |
| 2170 | Gate Well, Rem                                  | 8230076 | 66.000     | Ea   |
| 2180 | Water Main, DI, 6 inch, Tr Det G                | 8230151 | 510.000    | Ft   |
| 2190 | Water Main, DI, 8 inch, Tr Det G                | 8230156 | 12,778.000 | Ft   |
| 2200 | Water Main, DI, 12 inch, Tr Det G               | 8230166 | 11,042.000 | Ft   |
| 2210 | Water Main, DI, 16 inch, Tr Det G               | 8230171 | 1,592.000  | Ft   |
| 2220 | Water Serv                                      | 8230240 | 160.000    | Ea   |
| 2230 | Gate Well, 60 inch dia                          | 8230360 | 74.000     | Ea   |
| 2240 | Gate Well, 72 inch dia                          | 8230372 | 26.000     | Ea   |
| 2250 | Polyethylene Encasement                         | 8230440 | 25,902.000 | Ft   |
| 2260 | _ Water Main, DI, 4 inch, Tr Det G              | 8237001 | 180.000    | Ft   |
| 2270 | _ Water Serv, Spec                              | 8237001 | 2,250.000  | Ft   |
| 2280 | _ Building Penetration/Interior Connection Work | 8237050 | 55.000     | Ea   |
| 2290 | _ Gate Well Repr                                | 8237050 | 5.000      | Ea   |
| 2300 | _ Water Filter                                  | 8237050 | 55.000     | Ea   |
| 2310 | Contractor Staking, Road Only                   | 8240007 | 1.000      | LSUM |
| 2320 | Staking Plan Errors and Extras, One Person      | 8240020 | 109.000    | Hr   |
| 2330 | Staking Plan Errors and Extras, Two Person      | 8240021 | 44.000     | Hr   |
| 2340 | Staking Plan Errors and Extras, Three Person    | 8240022 | 65.000     | Hr   |
| 2350 | ITS Grounding, Bonding, and Surge Protection    | 8260020 | 1.000      | LSUM |
| 2360 | Lightning Protection, Pole                      | 8260021 | 4.000      | Ea   |
| 2370 | Flowable Fill, Non-Structural                   | 8260148 | 720.000    | Cyd  |

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 043**Letting Date:** June 7, 2019**Contract ID:** 38011-123026

**Description:** Bridge replacement with prestressed concrete beams, approach work, steel piling, concrete curb and gutter, sidewalk, drainage, guardrail and pavement markings on Michigan Avenue over Amtrak Railroad and Railroad Street, Jackson County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 123026A        | N/A                    | N/A                 | MCS 38011       |

**List of Items by Section**

| Line Num          | Item Description                     | Item ID | Quantity   | Units |
|-------------------|--------------------------------------|---------|------------|-------|
| <b>Section: 1</b> |                                      |         |            |       |
| 0010              | Mobilization, Max \$313,800.00       | 1500001 | 1.000      | LSUM  |
| 0020              | _ Clearing, Modified                 | 2017002 | 8.000      | Sta   |
| 0030              | Tree, Rem, 6 inch to 18 inch         | 2020004 | 24.000     | Ea    |
| 0040              | Curb and Gutter, Rem                 | 2040020 | 1,138.000  | Ft    |
| 0050              | Pavt, Rem                            | 2040050 | 772.000    | Syd   |
| 0060              | Embankment, CIP                      | 2050010 | 2,200.000  | Cyd   |
| 0070              | Excavation, Earth                    | 2050016 | 3,700.000  | Cyd   |
| 0080              | Subgrade Undercutting, Type II       | 2050041 | 50.000     | Cyd   |
| 0090              | Erosion Control, Silt Fence          | 2080036 | 1,500.000  | Ft    |
| 0100              | Subbase, CIP                         | 3010002 | 1,000.000  | Cyd   |
| 0110              | _ Aggregate Base, 8 inch, Modified   | 3027011 | 2,153.000  | Syd   |
| 0120              | _ Aggregate Base, Modified           | 3027031 | 488.000    | Ton   |
| 0130              | Shoulder, CI II, 6 inch              | 3070128 | 226.000    | Syd   |
| 0140              | Geotextile, Separator                | 3080005 | 4,400.000  | Syd   |
| 0150              | _ High Performance Biaxial Geogrid   | 3087011 | 13,100.000 | Syd   |
| 0160              | HMA Surface, Rem                     | 5010005 | 1,700.000  | Syd   |
| 0170              | HMA, 13A                             | 5010033 | 460.000    | Ton   |
| 0180              | Curb and Gutter, Conc, Det C4        | 8020023 | 1,014.000  | Ft    |
| 0190              | Sidewalk, Conc, 6 inch               | 8030046 | 4,328.000  | Sft   |
| 0200              | Guardrail, Type B                    | 8070000 | 813.000    | Ft    |
| 0210              | Guardrail, Curved, Type B            | 8070010 | 75.000     | Ft    |
| 0220              | Guardrail Anch, Bridge, Det T2       | 8070023 | 4.000      | Ea    |
| 0230              | Guardrail Approach Terminal, Type 1B | 8070040 | 2.000      | Ea    |
| 0240              | Guardrail Departing Terminal, Type B | 8070050 | 2.000      | Ea    |
| 0250              | Guardrail, Salv                      | 8070075 | 1,251.000  | Ft    |
| 0260              | Guardrail Reflector                  | 8070080 | 64.000     | Ea    |
| 0270              | Pavt Mrkg, Waterborne, 4 inch, White | 8110231 | 1,500.000  | Ft    |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 1,500.000 | Ft   |
| 0290 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 6.000     | Ea   |
| 0300 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 6.000     | Ea   |
| 0310 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0320 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 276.000   | Sft  |
| 0330 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 276.000   | Sft  |
| 0340 | _ Slope Restoration Freeway, Pneumatic, Type A                   | 8167011 | 50.000    | Syd  |
| 0350 | _ Slope Restoration Freeway, Pneumatic, Type B                   | 8167011 | 50.000    | Syd  |
| 0360 | _ Slope Restoration Freeway, Pneumatic, Type C                   | 8167011 | 200.000   | Syd  |
| 0370 | _ Slope Restoration Freeway, Pneumatic, Type D                   | 8167011 | 900.000   | Syd  |
| 0380 | _ Compost, Amended Soil-Fine Grade                               | 8167021 | 100.000   | Cyd  |

**Section: 2**

|      |  |         |             |      |
|------|--|---------|-------------|------|
| 0390 | Structures, Rem  | 2040060 | 1.000       | LSUM |
| 0400 | Backfill, Structure, CIP                                   | 2060002 | 600.000     | Cyd  |
| 0410 | Excavation, Fdn  | 2060010 | 2,950.000   | Cyd  |
| 0420 | Excavation, Rock Fdn                                       | 2060011 | 190.000     | Cyd  |
| 0430 | Erosion Control, Filter Bag                                | 2080014 | 1.000       | Ea   |
| 0440 | Underdrain, Fdn, 4 inch                                    | 4040031 | 404.000     | Ft   |
| 0450 | Underdrain Outlet, 4 inch                                  | 4040091 | 96.000      | Ft   |
| 0460 | Underdrain, Outlet Ending, 4 inch                          | 4040111 | 12.000      | Ea   |
| 0470 | _ Retaining Wall, Temp, Left in Place                      | 7047010 | 2,193.000   | Sft  |
| 0480 | Pile Driving Equipment, Furn                               | 7050002 | 1.000       | LSUM |
| 0490 | Pile, Steel, Furn and Driven, 12 inch                      | 7050030 | 1,141.000   | Ft   |
| 0500 | Test Pile, Steel, 12 inch                                  | 7050031 | 2.000       | Ea   |
| 0510 | Pile Point, Steel  | 7050039 | 40.000      | Ea   |
| 0520 | Pile, Steel, Splice  | 7050050 | 40.000      | Ea   |
| 0530 | _ Vibration Monitoring                                     | 7057051 | 1.000       | LSUM |
| 0540 | Bridge Ltg, Furn and Rem                                   | 7060001 | 1.000       | LSUM |
| 0550 | Bridge Ltg, Oper and Maintain                              | 7060002 | 317.000     | Cyd  |
| 0560 | Conc, Grade S2   | 7060011 | 118.000     | Cyd  |
| 0570 | Conc, Grade S2, Subfooting                                 | 7060012 | 22.000      | Cyd  |
| 0580 | Conc, Low Temperature Protection                           | 7060020 | 1,134.000   | Cyd  |
| 0590 | Expansion Joint Device                                     | 7060050 | 56.000      | Ft   |
| 0600 | Reinforcement, Steel, Epoxy Coated                         | 7060092 | 164,070.000 | Lb   |
| 0610 | Substructure Conc  | 7060100 | 666.000     | Cyd  |
| 0620 | Superstructure Conc  | 7060110 | 11.000      | Cyd  |
| 0630 | Superstructure Conc, Form, Finish, and Cure                | 7060111 | 1.000       | LSUM |
| 0640 | Superstructure Conc, Form, Finish, and Cure, Night Casting | 7060112 | 1.000       | LSUM |
| 0650 | Superstructure Conc, Night Casting                         | 7060113 | 317.000     | Cyd  |
| 0660 | _ False Decking, Modified                                  | 7067010 | 5,945.000   | Sft  |
| 0670 | Bearing, Elastomeric, 1 inch                               | 7070012 | 5,680.000   | Sin  |
| 0680 | Bearing, Elastomeric, 1 3/4 inch                           | 7070015 | 8,520.000   | Sin  |

|      |  |         |             |      |
|------|--|---------|-------------|------|
| 0690 | Bearing, Elastomeric, 2 3/4 inch       | 7070019 | 2,840.000   | Sin  |
| 0700 | Prest Conc Deck, 33 inch               | 7080005 | 9,815.000   | Sft  |
| 0710 | Post Tensioning                        | 7080015 | 1.000       | LSUM |
| 0720 | Joint Waterproofing                    | 7100001 | 233.000     | Sft  |
| 0730 | Joint Waterproofing, Expansion         | 7100003 | 127.000     | Sft  |
| 0740 | _ Silane Treatment                     | 7107010 | 5,200.000   | Sft  |
| 0750 | Bridge Railing, Aesthetic Parapet Tube | 7110005 | 486.000     | Ft   |
| 0760 | _ Anti-Graffiti Coating System         | 8007051 | 1.000       | LSUM |
| 0770 | _ Railroad Track Monitoring            | 8127050 | 1.000       | Ea   |
| 0780 | _ Railroad Inspection and Flagging     | 8127060 | 150,000.000 | Dlr  |
| 0790 | _ Railroad Protection                  | 8127060 | 75,000.000  | Dlr  |
| 0800 | Riprap, Heavy                          | 8130005 | 750.000     | Syd  |
| 0810 | Slope Paving Header                    | 8130015 | 90.000      | Ft   |
| 0820 | Slope Paving, Conc                     | 8130020 | 400.000     | Syd  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 044

**Letting Date:** June 7, 2019

**Contract ID:** 38000-207146

**Description:** 0.44 mi of hot mix asphalt reconstruction including removal of composite pavement, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, water main, storm sewer, traffic signals, street lighting and pavement markings on Greenwood Avenue and Jackson Street in the city of Jackson, Jackson County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207146A        | 1900743                | N/A                 | STUL 38000      |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$192,500.00                                 | 1500001 | 1.000     | LSUM  |
| 0020              | Stump, Rem, 19 inch to 36 inch                                 | 2020006 | 1.000     | Ea    |
| 0030              | Stump, Rem, 6 inch to 18 inch                                  | 2020008 | 4.000     | Ea    |
| 0040              | Dr Structure, Rem  | 2030011 | 12.000    | Ea    |
| 0050              | Sewer, Rem, Less than 24 inch                                  | 2030015 | 276.000   | Ft    |
| 0060              | Curb and Gutter, Rem   | 2040020 | 5,436.000 | Ft    |
| 0070              | Masonry and Conc Structure, Rem                                | 2040045 | 5.000     | Cyd   |
| 0080              | Sidewalk, Rem  | 2040055 | 1,841.000 | Syd   |
| 0090              | Exploratory Investigation, Vertical                            | 2040080 | 100.000   | Ft    |
| 0100              | _ Pavt Sawcut  | 2047001 | 1,133.000 | Ft    |
| 0110              | _ Driveway Rem   | 2047011 | 731.000   | Syd   |
| 0120              | _ HMA Surface, Rem, Modified                                   | 2047011 | 920.000   | Syd   |
| 0130              | _ Pavt, Rem, Modified  | 2047011 | 9,842.000 | Syd   |
| 0140              | Non Haz Contaminated Material Handling and Disposal, LM        | 2050031 | 150.000   | Cyd   |
| 0150              | _ Earth Sawcut   | 2057001 | 200.000   | Ft    |
| 0160              | _ Roadway Grading, Special                                     | 2057002 | 30.000    | Sta   |
| 0170              | _ Tree Preservation  | 2057051 | 1.000     | LSUM  |
| 0180              | Erosion Control, Gravel Access Approach                        | 2080016 | 2.000     | Ea    |
| 0190              | Erosion Control, Silt Fence                                    | 2080036 | 100.000   | Ft    |
| 0200              | _ Erosion Control, Inlet Protection, Grate Filter, Rectangular | 2087050 | 14.000    | Ea    |
| 0210              | _ Erosion Control, Inlet Protection, Sedment Trap, Round       | 2087050 | 10.000    | Ea    |
| 0220              | Project Cleanup  | 2090001 | 1.000     | LSUM  |
| 0230              | _ Aggregate Base, 12 inch, 21AA, Modified                      | 3027011 | 9,531.000 | Syd   |
| 0240              | Maintenance Gravel   | 3060020 | 60.000    | Ton   |
| 0250              | Trench Undercut and Backfill                                   | 4021260 | 10.000    | Cyd   |

|      |  |         |            |     |
|------|--|---------|------------|-----|
| 0260 | _ Sewer Backfill, Class II                                   | 4027001 | 223.000    | Ft  |
| 0270 | _ Sewer, CI E, 12 inch                                       | 4027001 | 258.000    | Ft  |
| 0280 | _ Sewer, DI, 10 inch   | 4027001 | 30.000     | Ft  |
| 0290 | _ Sewer, DI, 8 inch  | 4027001 | 30.000     | Ft  |
| 0300 | _ Sewer Lateral Repair                                       | 4027050 | 10.000     | Ea  |
| 0310 | Dr Structure Cover, Adj, Case 1                              | 4030005 | 44.000     | Ea  |
| 0320 | Dr Structure Cover, Adj, Case 2                              | 4030006 | 2.000      | Ea  |
| 0330 | Dr Structure, Adj, Add Depth                                 | 4030280 | 4.000      | Ft  |
| 0340 | Dr Structure, Tap, 12 inch                                   | 4030312 | 2.000      | Ea  |
| 0350 | _ Storm Manhole, Add Depth of 60 inch dia, 8 foot to 15 foot | 4037001 | 2.000      | Ft  |
| 0360 | _ Catch Basin Cover, ADA                                     | 4037050 | 1.000      | Ea  |
| 0370 | _ Catch Basin Cover, Curb                                    | 4037050 | 13.000     | Ea  |
| 0380 | _ Catch Basin Cover, Drive                                   | 4037050 | 1.000      | Ea  |
| 0390 | _ Catch Basin, 24 inch dia                                   | 4037050 | 2.000      | Ea  |
| 0400 | _ Catch Basin, 48 inch dia                                   | 4037050 | 9.000      | Ea  |
| 0410 | _ Dr Structure, Temp Lowering, Modified                      | 4037050 | 30.000     | Ea  |
| 0420 | _ Mh Cover, Std  | 4037050 | 19.000     | Ea  |
| 0430 | _ Storm Manhole, 48 inch dia                                 | 4037050 | 1.000      | Ea  |
| 0440 | _ Storm Manhole, 60 inch dia                                 | 4037050 | 1.000      | Ea  |
| 0450 | Hand Patching  | 5010025 | 90.000     | Ton |
| 0460 | HMA, 13A   | 5010033 | 2,605.000  | Ton |
| 0470 | Coating Galvanized Support Structures                        | 7160010 | 8.000      | Ea  |
| 0480 | Driveway, Nonreinf Conc, 6 inch                              | 8010005 | 646.000    | Syd |
| 0490 | Curb, Conc, Det E2   | 8020002 | 63.000     | Ft  |
| 0500 | _ Curb and Gutter, Conc, Det F4, Modified                    | 8027001 | 5,093.000  | Ft  |
| 0510 | Detectable Warning Surface                                   | 8030010 | 223.000    | Ft  |
| 0520 | Curb Ramp Opening, Conc                                      | 8030030 | 223.000    | Ft  |
| 0530 | Sidewalk Ramp, Conc, 6 inch                                  | 8030036 | 3,774.000  | Sft |
| 0540 | Sidewalk, Conc, 4 inch                                       | 8030044 | 11,514.000 | Sft |
| 0550 | Sidewalk, Conc, 6 inch                                       | 8030046 | 3,554.000  | Sft |
| 0560 | Steps, Conc  | 8030100 | 3.000      | Cyd |
| 0570 | Post Hole Through Conc for Steel Post                        | 8100340 | 8.000      | Ea  |
| 0580 | Sign, Type III, Erect, Salv                                  | 8100402 | 4.000      | Ea  |
| 0590 | Sign, Type III, Rem  | 8100403 | 113.000    | Ea  |
| 0600 | Sign, Type IIIA  | 8100404 | 411.000    | Sft |
| 0610 | Sign, Type IIIB  | 8100405 | 229.000    | Sft |
| 0620 | Mast Arm Pole, Cat I   | 8100510 | 3.000      | Ea  |
| 0630 | Mast Arm, 40 foot, Cat I                                     | 8100524 | 1.000      | Ea  |
| 0640 | Mast Arm, 45 foot, Cat I                                     | 8100525 | 1.000      | Ea  |
| 0650 | Mast Arm Pole Fdn, 6 Bolt                                    | 8100550 | 58.000     | Ft  |
| 0660 | _ Mast Arm, 55 foot, Cat I                                   | 8107050 | 2.000      | Ea  |
| 0670 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar              | 8110045 | 100.000    | Ft  |
| 0680 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym              | 8110063 | 5.000      | Ea  |
| 0690 | Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow         | 8110077 | 3.000      | Ea  |

|      | Sym  |         |           |      |
|------|--|---------|-----------|------|
| 0700 | Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym                     | 8110078 | 4.000     | Ea   |
| 0710 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 370.000   | Ft   |
| 0720 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 2,020.000 | Ft   |
| 0730 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 130.000   | Ft   |
| 0740 | Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow                    | 8110156 | 235.000   | Ft   |
| 0750 | Rem Spec Mrkg  | 8110343 | 170.000   | Sft  |
| 0760 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Wet Reflective, White     | 8110383 | 80.000    | Ft   |
| 0770 | _ Pavt Mrkg, Ovly Cold Plastic, 18 inch, Crosswalk               | 8117001 | 1,380.000 | Ft   |
| 0780 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 69.000    | Ea   |
| 0790 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 69.000    | Ea   |
| 0800 | Pedestrian Type II Barricade, Temp                               | 8120026 | 60.000    | Ea   |
| 0810 | Channelizing Device, 42 inch, Furn                               | 8120030 | 100.000   | Ea   |
| 0820 | Channelizing Device, 42 inch, Oper                               | 8120031 | 100.000   | Ea   |
| 0830 | Lighted Arrow, Type C, Furn                                      | 8120140 | 4.000     | Ea   |
| 0840 | Lighted Arrow, Type C, Oper                                      | 8120141 | 4.000     | Ea   |
| 0850 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0860 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 650.000   | Ft   |
| 0870 | Plastic Drum, High Intensity, Furn                               | 8120250 | 200.000   | Ea   |
| 0880 | Plastic Drum, High Intensity, Oper                               | 8120251 | 200.000   | Ea   |
| 0890 | Sign Cover   | 8120310 | 100.000   | Ea   |
| 0900 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,238.000 | Sft  |
| 0910 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,238.000 | Sft  |
| 0920 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 274.000   | Sft  |
| 0930 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 274.000   | Sft  |
| 0940 | Traf Regulator Control   | 8120370 | 1.000     | LSUM |
| 0950 | Site Preparation, Max \$3,000.00                                 | 8150001 | 1.000     | LSUM |
| 0960 | Watering and Cultivating, First Season, Min \$1,000.00           | 8150002 | 1.000     | LSUM |
| 0970 | Watering and Cultivating, Second Season, Min \$1,000.00          | 8150003 | 1.000     | LSUM |
| 0980 | Acer rubrum Bowhall, 1 1/2 inch                                  | 8150140 | 5.000     | Ea   |
| 0990 | Platanus x acerifolia, 1 1/2 inch                                | 8152889 | 4.000     | Ea   |
| 1000 | _ Hydromulch   | 8167011 | 4,985.000 | Syd  |
| 1010 | _ Shredded Mulch   | 8167011 | 134.000   | Syd  |
| 1020 | _ Topsoil Surface, 4 inch  | 8167011 | 5,000.000 | Syd  |
| 1030 | _ Fertilizer Chemical Nutrient, Cl A, Modified                   | 8167030 | 241.000   | Lb   |
| 1040 | _ Seeding, Mixture THM, Modified                                 | 8167030 | 458.000   | Lb   |
| 1050 | Cable Pole, TS, Disman   | 8190010 | 1.000     | Ea   |
| 1060 | Conduit, DB, 1, 1 1/2 inch                                       | 8190027 | 55.000    | Ft   |
| 1070 | Conduit, DB, 2, 3 inch   | 8190032 | 230.000   | Ft   |
| 1080 | Conduit, DB, 3, 3 inch   | 8190035 | 30.000    | Ft   |
| 1090 | Hh, Round, 3 foot dia  | 8190259 | 1.000     | Ea   |
| 1100 | Hh, Round  | 8190260 | 3.000     | Ea   |

|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 1110 | Cable, Sec, 600V, 1, 3/C#6                                 | 8190399 | 200.000   | Ft  |
| 1120 | Wood Pole, Fit Up, Sec Cable Pole                          | 8190495 | 1.000     | Ea  |
| 1130 | _ Conductor, THWN, in Conduit, 600 V, 1C, #12, AWG         | 8197001 | 40.000    | Ft  |
| 1140 | _ Conductor, THWN, in Conduit, 600 V, 1C, #4, AWG          | 8197001 | 8,730.000 | Ft  |
| 1150 | _ Conduit, 1 inch, RMC (Empty)                             | 8197001 | 40.000    | Ft  |
| 1160 | _ Conduit, 3 inch, Sch 80/PVC (Empty)                      | 8197001 | 1,550.000 | Ft  |
| 1170 | _ Equipment Grounding Conductor, in Conduit, 1C, #12 AWG   | 8197001 | 40.000    | Ft  |
| 1180 | _ Equipment Grounding Conductor, in Conduit, 1C, #4 AWG    | 8197001 | 1,645.000 | Ft  |
| 1190 | _ Concrete Base for Light Pole, 63 inch                    | 8197050 | 16.000    | Ea  |
| 1200 | _ Hand Hole, Polymer Conc, 11 inch x 18 inch (Open Bottom) | 8197050 | 19.000    | Ea  |
| 1210 | _ Light, Decorative, Install                               | 8197050 | 16.000    | Ea  |
| 1220 | _ Lighting Controller                                      | 8197050 | 1.000     | Ea  |
| 1230 | _ Meter and Disconnect                                     | 8197050 | 1.000     | Ea  |
| 1240 | _ Receptacle, Tree   | 8197050 | 6.000     | Ea  |
| 1250 | _ Consumers Energy Fees                                    | 8197060 | 1,500.000 | Dlr |
| 1260 | Case Sign, Rem   | 8200020 | 1.000     | Ea  |
| 1270 | Case Sign (LED), One Way, 24 inch by 30 inch               | 8200029 | 4.000     | Ea  |
| 1280 | Controller and Cabinet, Rem                                | 8200030 | 1.000     | Ea  |
| 1290 | Controller and Cabinet, Digital Type                       | 8200031 | 1.000     | Ea  |
| 1300 | Fdn, Rem   | 8200065 | 1.000     | Ea  |
| 1310 | Pedestal, Alum   | 8200100 | 1.000     | Ea  |
| 1320 | Pedestal, Fdn  | 8200105 | 1.000     | Ea  |
| 1330 | Pedestal Fdn, Rem  | 8200106 | 2.000     | Ea  |
| 1340 | Pedestal, Rem  | 8200110 | 2.000     | Ea  |
| 1350 | Serv Disconnect  | 8200135 | 1.000     | Ea  |
| 1360 | Span Wire, Rem   | 8200141 | 1.000     | Ea  |
| 1370 | Steel Pole, Rem  | 8200145 | 1.000     | Ea  |
| 1380 | TS, Pedestrian, Bracket Arm Mtd, Rem                       | 8200180 | 2.000     | Ea  |
| 1390 | TS, Pedestrian, Pedestal Mtd, Rem                          | 8200181 | 2.000     | Ea  |
| 1400 | TS, Span Wire Mtd, Rem                                     | 8200182 | 2.000     | Ea  |
| 1410 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown    | 8200339 | 3.000     | Ea  |
| 1420 | TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown       | 8200347 | 1.000     | Ea  |
| 1430 | TS, One Way Mast Arm Mtd (LED)                             | 8200359 | 8.000     | Ea  |
| 1440 | Casing   | 8200480 | 48.000    | Ft  |
| 1450 | Backplate, TS  | 8200501 | 8.000     | Ea  |
| 1460 | _ Optical Priority Control System                          | 8207050 | 1.000     | Ea  |
| 1470 | _ St Name Sign, Two Way (LED), 8 foot                      | 8207050 | 4.000     | Ea  |
| 1480 | Hydrant, Relocate, Case 2                                  | 8230096 | 1.000     | Ea  |
| 1490 | Water Shutoff, Adj, Temp, Case 1                           | 8230381 | 5.000     | Ea  |
| 1500 | Water Shutoff, Adj, Temp, Case 2                           | 8230382 | 5.000     | Ea  |
| 1510 | Gate Box, Adj, Temp, Case 1                                | 8230391 | 8.000     | Ea  |
| 1520 | Gate Box, Adj, Case 1                                      | 8230431 | 14.000    | Ea  |



|      |   |         |           |    |
|------|---|---------|-----------|----|
| 1530 | Gate Box, Adj, Case 2                                 | 8230432 | 4.000     | Ea |
| 1540 | _ Hydrant Extension                                   | 8237001 | 2.000     | Ft |
| 1550 | _ Sprinkler Line                                      | 8237001 | 30.000    | Ft |
| 1560 | _ Water Main Backfill, Class II                       | 8237001 | 1,512.000 | Ft |
| 1570 | _ Water Main, 12 inch                                 | 8237001 | 339.000   | Ft |
| 1580 | _ Water Main, 6 inch                                  | 8237001 | 35.000    | Ft |
| 1590 | _ Water Main, 8 inch                                  | 8237001 | 1,405.000 | Ft |
| 1600 | _ Water Main, Dir Bore, 12 inch                       | 8237001 | 137.000   | Ft |
| 1610 | _ Water Service Pipe, Cu, 1 inch                      | 8237001 | 175.000   | Ft |
| 1620 | _ Water Service Pipe, Cu, 2 inch                      | 8237001 | 60.000    | Ft |
| 1630 | _ Gate Valve and Box, 12 inch, Modified               | 8237050 | 4.000     | Ea |
| 1640 | _ Gate Valve and Box, 8 inch, Modified                | 8237050 | 9.000     | Ea |
| 1650 | _ Grounding Conductor, Temporary Disconnect           | 8237050 | 9.000     | Ea |
| 1660 | _ Hydrant Assembly                                    | 8237050 | 1.000     | Ea |
| 1670 | _ Hydrant Assembly, 6-foot Bury                       | 8237050 | 1.000     | Ea |
| 1680 | _ Hydrant, Rem, Modified                              | 8237050 | 2.000     | Ea |
| 1690 | _ Plumbing Permit Acquisition and Compliance          | 8237050 | 9.000     | Ea |
| 1700 | _ Sprinkler Head, Relocate                            | 8237050 | 5.000     | Ea |
| 1710 | _ Sprinkler Head, Replace                             | 8237050 | 5.000     | Ea |
| 1720 | _ Wall Penetration Sleeve, Sch 40 PVC, 1 1/2 inch     | 8237050 | 7.000     | Ea |
| 1730 | _ Wall Penetration Sleeve, Sch 40 PVC, 2 1/2 inch     | 8237050 | 2.000     | Ea |
| 1740 | _ Water Main, Connect New 12 inch to Existing 10 inch | 8237050 | 2.000     | Ea |
| 1750 | _ Water Main, Connect New 12 inch to Existing 8 inch  | 8237050 | 2.000     | Ea |
| 1760 | _ Water Main, Connect New 6 inch to Existing 4 inch   | 8237050 | 1.000     | Ea |
| 1770 | _ Water Main, Connect New 8 inch to Existing 4 inch   | 8237050 | 1.000     | Ea |
| 1780 | _ Water Main, Connect New 8 inch to Existing 6 inch   | 8237050 | 2.000     | Ea |
| 1790 | _ Water Main, Connect New 8 inch to Existing 8 inch   | 8237050 | 3.000     | Ea |
| 1800 | _ Water Main, Cut and Plug, 6 inch                    | 8237050 | 1.000     | Ea |
| 1810 | _ Water Meter Connection                              | 8237050 | 10.000    | Ea |
| 1820 | _ Water Serv, 1 1/2 inch                              | 8237050 | 1.000     | Ea |
| 1830 | _ Water Serv, 1 inch                                  | 8237050 | 2.000     | Ea |
| 1840 | _ Water Serv, 2 inch                                  | 8237050 | 1.000     | Ea |
| 1850 | _ Water Serv, Long, 1 1/2 inch                        | 8237050 | 1.000     | Ea |
| 1860 | _ Water Serv, Long, 1 inch                            | 8237050 | 7.000     | Ea |
| 1870 | _ Water Serv, Long, 2 inch                            | 8237050 | 1.000     | Ea |
| 1880 | _ Water Service, Abandon, Two-inch Diameter or Less   | 8237050 | 20.000    | Ea |
| 1890 | _ Water Main Fittings, DI                             | 8507030 | 400.000   | Lb |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 045

**Letting Date:** June 7, 2019

**Contract ID:** 82000-203511

**Description:** 1.57 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps, signing and pavement markings on Edward N Hines Drive from Outer Drive to M-153 (Ford) ramps in the cities of Dearborn and Dearborn Heights, Wayne County. This project includes a 5 year materials and workmanship pavement warranty. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203511A        | 1900698                | N/A                 | STU 82000       |
| 207122A        | N/A                    | N/A                 | M 82081         |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$124,900.00                 | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                           | 2040020 | 42.000     | Ft    |
| 0030              | Pavt, Rem                                      | 2040050 | 51.000     | Syd   |
| 0040              | Sidewalk, Rem                                  | 2040055 | 45.000     | Syd   |
| 0050              | _ Misc Pavt , Rem, Patching                    | 2047011 | 1,000.000  | Syd   |
| 0060              | _ Misc Obstruction, Rem                        | 2047021 | 3.000      | Cyd   |
| 0070              | Subgrade Undercutting, Type I                  | 2050040 | 3.000      | Cyd   |
| 0080              | Subgrade Undercutting, Type II                 | 2050041 | 3.000      | Cyd   |
| 0090              | Subgrade Undercutting, Type III                | 2050042 | 4.000      | Cyd   |
| 0100              | _ Misc Subgrade Undercutting, Type IV          | 2057021 | 120.000    | Cyd   |
| 0110              | _ Subgrade Undercutting, Type I, Modified      | 2057021 | 40.000     | Cyd   |
| 0120              | _ Subgrade Undercutting, Type II, Modified     | 2057021 | 40.000     | Cyd   |
| 0130              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 5.000      | Ea    |
| 0140              | Erosion Control, Maintenance, Sediment Removal | 2080026 | 5.000      | Cyd   |
| 0150              | Project Cleanup                                | 2090001 | 1.000      | LSUM  |
| 0160              | Geotextile, Stabilization                      | 3080010 | 120.000    | Syd   |
| 0170              | Dr Structure, Cleaning                         | 4030290 | 3.000      | Ea    |
| 0180              | Dr Structure, Temp Lowering                    | 4030390 | 4.000      | Ea    |
| 0190              | _ Misc Structure Reconstruct                   | 4037001 | 6.000      | Ft    |
| 0200              | _ Misc Structure Cover, Adj                    | 4037050 | 7.000      | Ea    |
| 0210              | _ Misc Structure Cover, Adj, Furn Cover A      | 4037050 | 1.000      | Ea    |
| 0220              | _ Misc Structure Cover, Adj, Furn Cover S      | 4037050 | 1.000      | Ea    |
| 0230              | Pavt, Cleaning                                 | 5010001 | 1.000      | LSUM  |
| 0240              | Cold Milling HMA Surface                       | 5010002 | 37,947.000 | Syd   |
| 0250              | HMA Quality Initiative                         | 5010007 | 2,500.000  | Dlr   |
| 0260              | Pavt Joint and Crack Repr, Det 7               | 5010020 | 1,000.000  | Ft    |

|      |  |         |            |     |
|------|--|---------|------------|-----|
| 0270 | Pavt Joint and Crack Repr, Det 8                                 | 5010021 | 110.000    | Ft  |
| 0280 | Hand Patching  | 5010025 | 102.000    | Ton |
| 0290 | HMA, 4E10  | 5010052 | 4,696.000  | Ton |
| 0300 | HMA, 5E10  | 5010058 | 3,287.000  | Ton |
| 0310 | HMA Approach   | 5010061 | 10.000     | Ton |
| 0320 | HMA, Temp Pavt (4E3)   | 5010805 | 3.000      | Ton |
| 0330 | _ Misc Bit Mixture for Patching, Temp                            | 5017031 | 7.000      | Ton |
| 0340 | _ Misc Conditioning Existing Pavement                            | 5017031 | 298.000    | Ton |
| 0350 | Joint, Contraction, Cp   | 6020200 | 230.000    | Ft  |
| 0360 | Joint, Expansion, E2   | 6020207 | 60.000     | Ft  |
| 0370 | Lane Tie, Epoxy Anchored   | 6030030 | 250.000    | Ea  |
| 0380 | Pavt Repr, Nonreinf Conc, 10 inch                                | 6030048 | 150.000    | Syd |
| 0390 | Pavt Repr, Rem   | 6030080 | 150.000    | Syd |
| 0400 | Saw Cut, Intermediate  | 6030090 | 150.000    | Ft  |
| 0410 | _ Misc Pavt Repr, Nonreinf Conc, Patching                        | 6037011 | 1,000.000  | Syd |
| 0420 | _ Misc Conc Curb Cap   | 8027001 | 500.000    | Ft  |
| 0430 | _ Misc Conc Curb Cap, Patching                                   | 8027001 | 200.000    | Ft  |
| 0440 | Detectable Warning Surface                                       | 8030010 | 40.000     | Ft  |
| 0450 | Curb Ramp Opening, Conc  | 8030030 | 56.000     | Ft  |
| 0460 | _ Sidewalk Ramp, Conc, 8 inch                                    | 8037010 | 404.000    | Sft |
| 0470 | _ Misc Field Office  | 8097043 | 4.000      | Mo  |
| 0480 | Bridge Sign Connection, Conc, Type A1                            | 8100031 | 1.000      | Ea  |
| 0490 | Bridge Sign Connection, Type A, Rem                              | 8100080 | 1.000      | Ea  |
| 0500 | Post, Steel, 3 lb  | 8100371 | 350.000    | Ft  |
| 0510 | Post, Wood, 6 inch by 8 inch                                     | 8100382 | 32.000     | Ft  |
| 0520 | Sign, Type IA  | 8100392 | 107.000    | Sft |
| 0530 | Reflective Panel for Permanent Sign Support, 3 foot              | 8100613 | 10.000     | Ea  |
| 0540 | _ Misc Sign, Type B, Perm  | 8107010 | 235.000    | Sft |
| 0550 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 650.000    | Ft  |
| 0560 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow    | 8110040 | 300.000    | Ft  |
| 0570 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk                 | 8110041 | 350.000    | Ft  |
| 0580 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 150.000    | Ft  |
| 0590 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 200.000    | Ft  |
| 0600 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 14,300.000 | Ft  |
| 0610 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 15,500.000 | Ft  |
| 0620 | Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow                    | 8110156 | 3,200.000  | Ft  |
| 0630 | Pavt Mrkg, Sprayable Thermopl, 12 inch, White                    | 8110159 | 25.000     | Ft  |
| 0640 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 10.000     | Ea  |
| 0650 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 10.000     | Ea  |
| 0660 | Barricade, Type III, High Intensity, Lighted, Furn               | 8120022 | 20.000     | Ea  |
| 0670 | Barricade, Type III, High Intensity, Lighted, Oper               | 8120023 | 20.000     | Ea  |
| 0680 | Pedestrian Type II Barricade, Temp                               | 8120026 | 6.000      | Ea  |
| 0690 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea  |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0700 | Lighted Arrow, Type C, Oper                                   | 8120141 | 2.000     | Ea   |
| 0710 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0720 | Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp                 | 8120230 | 50.000    | Ft   |
| 0730 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp                | 8120231 | 1,100.000 | 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 | 1,100.000 | Ft   |
| 0760 | Plastic Drum, High Intensity, Furn                            | 8120250 | 400.000   | Ea   |
| 0770 | Plastic Drum, High Intensity, Oper                            | 8120251 | 400.000   | Ea   |
| 0780 | Sign Cover  | 8120310 | 6.000     | Ea   |
| 0790 | Sign, Portable, Changeable Message, Furn                      | 8120330 | 2.000     | Ea   |
| 0800 | Sign, Portable, Changeable Message, Oper                      | 8120331 | 2.000     | Ea   |
| 0810 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 1,145.000 | Sft  |
| 0820 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 1,145.000 | Sft  |
| 0830 | Sign, Type B, Temp, Prismatic, Special, Furn                  | 8120352 | 192.000   | Sft  |
| 0840 | Sign, Type B, Temp, Prismatic, Special, Oper                  | 8120353 | 192.000   | Sft  |
| 0850 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0860 | Topsoil Surface, Furn, 2 inch                                 | 8160060 | 700.000   | Syd  |
| 0870 | Water, Sodding/Seeding  | 8160090 | 38.000    | Unit |
| 0880 | _ Misc Turf Grading   | 8167011 | 194.000   | Syd  |
| 0890 | _ Sodding, Modified   | 8167011 | 700.000   | Syd  |
| 0900 | Monument Box Adjust   | 8210005 | 3.000     | Ea   |
| 0910 | Monument Preservation   | 8210010 | 3.000     | Ea   |
| 0920 | Protect Corners   | 8210020 | 3.000     | Ea   |
| 0930 | Staking Plan Errors and Extras, One Person                    | 8240020 | 4.000     | Hr   |
| 0940 | Staking Plan Errors and Extras, Two Person                    | 8240021 | 4.000     | Hr   |
| 0950 | Staking Plan Errors and Extras, Three Person                  | 8240022 | 4.000     | Hr   |
| 0960 | _ Contractor Staking, Modified                                | 8247051 | 1.000     | LSUM |

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 046**Letting Date:** June 7, 2019**Contract ID:** 25000-130635

**Description:** 0.43 mi of road reconstruction including roundabout, pavement removal, earth excavation, embankment, sidewalk ramps and pavement markings on North Road from Torrey Road to Oak Park Drive 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 |
|----------------|------------------------|---------------------|-----------------|
| 130635A        | 1900704                | 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 \$115,200.00                          | 1500001 | 1.000     | LSUM  |
| 0030              | Culv, Rem, Less than 24 inch                            | 2030001 | 4.000     | Ea    |
| 0040              | Culv, End, Rem, Less than 24 inch                       | 2030005 | 6.000     | Ea    |
| 0050              | Dr Structure, Rem                                       | 2030011 | 4.000     | Ea    |
| 0060              | Sewer, Rem, Less than 24 inch                           | 2030015 | 60.000    | Ft    |
| 0070              | Curb and Gutter, Rem                                    | 2040020 | 2,431.000 | Ft    |
| 0080              | Masonry and Conc Structure, Rem                         | 2040045 | 1.000     | Cyd   |
| 0090              | _ Pavt, Rem, Modified                                   | 2047011 | 8,638.000 | Syd   |
| 0100              | _ Sidewalk, Rem, Modified                               | 2047011 | 194.000   | Syd   |
| 0110              | _ Sign, Rem, Modified                                   | 2047050 | 16.000    | Ea    |
| 0120              | Embankment, CIP   | 2050010 | 1,250.000 | Cyd   |
| 0130              | Excavation, Earth                                       | 2050016 | 1,750.000 | Cyd   |
| 0140              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 100.000   | Cyd   |
| 0150              | _ Subgrade Undercutting, 21AA, Modified                 | 2057021 | 50.000    | Cyd   |
| 0160              | _ Subgrade Undercutting, Heavy, Modified                | 2057021 | 50.000    | Cyd   |
| 0170              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 18.000    | Ea    |
| 0180              | Erosion Control, Silt Fence                             | 2080036 | 465.000   | Ft    |
| 0190              | _ Aggregate Base, Modified                              | 3027031 | 5,036.000 | Ton   |
| 0200              | Maintenance Gravel                                      | 3060020 | 200.000   | Ton   |
| 0210              | Culv End Sect, Conc, 18 inch                            | 4010049 | 1.000     | Ea    |
| 0220              | Culv End Sect, Conc, 24 inch                            | 4010051 | 1.000     | Ea    |
| 0230              | Sewer, CI IV, 12 inch, Tr Det B                         | 4020987 | 106.000   | Ft    |
| 0240              | Sewer, CI IV, 18 inch, Tr Det B                         | 4020989 | 407.000   | Ft    |
| 0250              | Sewer, CI IV, 24 inch, Tr Det B                         | 4020993 | 94.000    | Ft    |
| 0260              | Dr Structure Cover, Adj, Case 1                         | 4030005 | 5.000     | Ea    |
| 0270              | Dr Structure Cover, Adj, Case 2                         | 4030006 | 2.000     | Ea    |

|      |   |         |           |     |
|------|---|---------|-----------|-----|
| 0280 | Dr Structure Cover, Type B                                    | 4030010 | 1.000     | Ea  |
| 0290 | Dr Structure Cover, Type K                                    | 4030050 | 5.000     | Ea  |
| 0300 | Dr Structure, 24 inch dia                                     | 4030200 | 3.000     | Ea  |
| 0310 | Dr Structure, 48 inch dia                                     | 4030210 | 2.000     | Ea  |
| 0320 | Dr Structure, 60 inch dia                                     | 4030220 | 1.000     | Ea  |
| 0330 | Dr Structure, Tap, 6 inch                                     | 4030306 | 6.000     | Ea  |
| 0340 | Dr Structure, Tap, 12 inch                                    | 4030312 | 2.000     | Ea  |
| 0350 | Underdrain, Subgrade, 6 inch                                  | 4040073 | 3,568.000 | Ft  |
| 0360 | Cold Milling HMA Surface                                      | 5010002 | 3,589.000 | Syd |
| 0370 | Pavt Joint and Crack Repr, Det 7                              | 5010020 | 300.000   | Ft  |
| 0380 | Pavt Joint and Crack Repr, Det 8                              | 5010021 | 300.000   | Ft  |
| 0390 | Hand Patching   | 5010025 | 60.000    | Ton |
| 0400 | HMA, 3E3  | 5010045 | 1,638.000 | Ton |
| 0410 | HMA, 4E3  | 5010051 | 1,713.000 | Ton |
| 0420 | HMA, 5E3  | 5010057 | 1,370.000 | Ton |
| 0430 | HMA Approach  | 5010061 | 52.000    | Ton |
| 0440 | _ Plain Concrete Border, 9 inch                               | 6027001 | 168.000   | Ft  |
| 0450 | _ Conc Pavt, Decorative, Nonreinf, 8 inch, Modified           | 6027011 | 532.000   | Syd |
| 0460 | Driveway, Nonreinf Conc, 6 inch                               | 8010005 | 67.000    | Syd |
| 0470 | Driveway, Nonreinf Conc, 8 inch                               | 8010007 | 682.000   | Syd |
| 0480 | Curb, Conc, Det E1  | 8020001 | 202.000   | Ft  |
| 0490 | Curb and Gutter, Conc, Det F4                                 | 8020038 | 1,488.000 | Ft  |
| 0500 | Driveway Opening, Conc, Det M                                 | 8020050 | 472.000   | Ft  |
| 0510 | _ Curb and Gutter, Conc, Det D2, Modified                     | 8027001 | 405.000   | Ft  |
| 0520 | _ Curb and Gutter, Conc, Det D2, Modified, Reverse            | 8027001 | 538.000   | Ft  |
| 0530 | Detectable Warning Surface                                    | 8030010 | 90.000    | Ft  |
| 0540 | Curb Ramp Opening, Conc                                       | 8030030 | 120.000   | Ft  |
| 0550 | Sidewalk Ramp, Conc, 6 inch                                   | 8030036 | 3,003.000 | Sft |
| 0560 | Sidewalk, Conc, 4 inch  | 8030044 | 2,300.000 | Sft |
| 0570 | Sidewalk, Conc, 6 inch  | 8030046 | 45.000    | Sft |
| 0580 | Guardrail, Type B   | 8070000 | 188.000   | Ft  |
| 0590 | Guardrail, Curved, Type B                                     | 8070010 | 60.000    | Ft  |
| 0600 | Guardrail Approach Terminal, Type 2B                          | 8070042 | 1.000     | Ea  |
| 0610 | Guardrail Departing Terminal, Type B                          | 8070050 | 3.000     | Ea  |
| 0620 | _ Post Mailbox, Remove and Reset                              | 8077050 | 1.000     | Ea  |
| 0630 | Post Hole Through Conc for Steel Post                         | 8100340 | 18.000    | Ea  |
| 0640 | Post, Steel, 3 lb   | 8100371 | 600.000   | Ft  |
| 0650 | Post, Wood, 6 inch by 8 inch                                  | 8100382 | 32.000    | Ft  |
| 0660 | Sign, Type IA   | 8100392 | 84.000    | Sft |
| 0670 | Sign, Type III, Erect, Salv                                   | 8100402 | 2.000     | Ea  |
| 0680 | Sign, Type IIIA   | 8100404 | 84.000    | Sft |
| 0690 | Sign, Type IIIB   | 8100405 | 112.000   | Sft |
| 0700 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk               | 8110024 | 322.000   | Ft  |
| 0710 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow | 8110040 | 88.000    | Ft  |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0720 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk                 | 8110041 | 192.000   | Ft   |
| 0730 | Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar                  | 8110044 | 36.000    | Ft   |
| 0740 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 69.000    | Ft   |
| 0750 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 5.000     | Ea   |
| 0760 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 296.000   | Ft   |
| 0770 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 5,576.000 | Ft   |
| 0780 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 52.000    | Ft   |
| 0790 | Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow                    | 8110156 | 288.000   | Ft   |
| 0800 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 10.000    | Ea   |
| 0810 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 10.000    | Ea   |
| 0820 | Pedestrian Type II Barricade, Temp                               | 8120026 | 8.000     | Ea   |
| 0830 | Dust Palliative, Applied   | 8120100 | 5.000     | Ton  |
| 0840 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0850 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 1,060.000 | Ft   |
| 0860 | Plastic Drum, High Intensity, Furn                               | 8120250 | 50.000    | Ea   |
| 0870 | Plastic Drum, High Intensity, Oper                               | 8120251 | 50.000    | Ea   |
| 0880 | Sign Cover   | 8120310 | 5.000     | Ea   |
| 0890 | Sign, Portable, Changeable Message, Furn                         | 8120330 | 3.000     | Ea   |
| 0900 | Sign, Portable, Changeable Message, Oper                         | 8120331 | 3.000     | Ea   |
| 0910 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 250.000   | Sft  |
| 0920 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 250.000   | Sft  |
| 0930 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 200.000   | Sft  |
| 0940 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 200.000   | Sft  |
| 0950 | Traf Regulator Control   | 8120370 | 1.000     | LSUM |
| 0960 | Riprap, Plain  | 8130010 | 8.000     | Syd  |
| 0970 | Site Preparation, Max \$2000.00                                  | 8150001 | 1.000     | LSUM |
| 0980 | Watering and Cultivating, First Season, Min \$1000.00            | 8150002 | 1.000     | LSUM |
| 0990 | Pennisetum alopecuroides Hameln, #2 cont.                        | 8152640 | 14.000    | Ea   |
| 1000 | Rosa radRazz Knock Out, #5 cont.                                 | 8153262 | 20.000    | Ea   |
| 1010 | Taxus x media Everlow, 24 inch                                   | 8153789 | 13.000    | Ea   |
| 1020 | _ Vinca minor "Illumination", 2 1/4 inch                         | 8157050 | 268.000   | Ea   |
| 1030 | _ Mulch, 3" depth  | 8167011 | 75.000    | Syd  |
| 1040 | _ Surface Restoration, Seed                                      | 8167011 | 2,400.000 | Syd  |
| 1050 | _ Planting Mix   | 8167021 | 50.000    | Cyd  |
| 1060 | _ Automatic Underground Irrigation System                        | 8167051 | 1.000     | LSUM |
| 1070 | Conduit, Schedule 40, 2 inch                                     | 8190147 | 500.000   | Ft   |
| 1080 | _ Abandon Water Main, with Flowable Fill                         | 8237001 | 85.000    | Ft   |
| 1090 | _ Water Main, DI, 8 inch, Tr Det G (Sand), Poly Wrap             | 8237001 | 85.000    | Ft   |
| 1100 | _ Connection to Existing Water Main                              | 8237050 | 2.000     | Ea   |
| 1110 | _ Sanitary Structure, Adj, Add Depth                             | 8257001 | 1.000     | Ft   |
| 1120 | _ Sanitary Structure Cover, Adj, Case 1                          | 8257050 | 4.000     | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 047

**Letting Date:** June 7, 2019

**Contract ID:** 81000-203519

**Description:** 2.86 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, adjust drainage structures, traffic loops, traffic signal and pavement markings on Ellsworth Road from Hewitt Road to Michigan Avenue, on Forest Avenue from the city limits of Ypsilanti to Ford Boulevard and on Main Street from Six Mile Road to East Shore Drive, Washtenaw County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203519A        | 1900632                | N/A                 | STU 81000       |
| 203556A        | 1900637                | N/A                 | STU 81000       |
| 203652A        | 1900640                | N/A                 | STU 81000       |

**List of Items by Section**

| Line Num          | Item Description                                    | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$95,500.00                       | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                                | 2040020 | 513.000    | Ft    |
| 0030              | Sidewalk, Rem                                       | 2040055 | 485.000    | Syd   |
| 0040              | Project Cleanup                                     | 2090001 | 1.000      | LSUM  |
| 0050              | _ Shoulder, CI II, Modified                         | 3077031 | 437.000    | Ton   |
| 0060              | Dr Structure Cover, Adj, Case 1                     | 4030005 | 48.000     | Ea    |
| 0070              | _ Drainage Structure Repair, Greater than 6 inches  | 4037001 | 41.000     | Ft    |
| 0080              | _ Sanitary Structure Cover, Adj, Case 1             | 4037050 | 28.000     | Ea    |
| 0090              | Cold Milling HMA Surface                            | 5010002 | 61,725.000 | Syd   |
| 0100              | HMA Surface, Rem                                    | 5010005 | 32.000     | Syd   |
| 0110              | HMA, 5E1  | 5010056 | 6,468.000  | Ton   |
| 0120              | HMA Approach  | 5010061 | 257.000    | Ton   |
| 0130              | _ Void Reducing Asphalt Membrane                    | 5017001 | 18,979.000 | Ft    |
| 0140              | _ Hand Patching, Modified                           | 5017031 | 5.000      | Ton   |
| 0150              | Conc, Grade P1                                      | 6020030 | 6.000      | Cyd   |
| 0160              | Curb and Gutter, Conc, Det F4                       | 8020038 | 231.000    | Ft    |
| 0170              | Detectable Warning Surface                          | 8030010 | 150.000    | Ft    |
| 0180              | Curb Ramp Opening, Conc                             | 8030030 | 282.000    | Ft    |
| 0190              | Sidewalk Ramp, Conc, 6 inch                         | 8030036 | 4,666.000  | Sft   |
| 0200              | Post, Mailbox                                       | 8070095 | 3.000      | Ea    |
| 0210              | Perforated Steel Square Tube Breakaway System       | 8100330 | 3.000      | Ea    |
| 0220              | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow | 8110109 | 140.000    | Ft    |
| 0230              | Pavt Mrkg, Polyurea, 12 inch, Crosswalk             | 8110110 | 208.000    | Ft    |
| 0240              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar              | 8110114 | 256.000    | Ft    |
| 0250              | Pavt Mrkg, Waterborne, 4 inch, White                | 8110231 | 18,271.000 | Ft    |



|      |  |         |            |      |
|------|--|---------|------------|------|
| 0260 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 29,894.000 | Ft   |
| 0270 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 18,271.000 | Ft   |
| 0280 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 29,894.000 | Ft   |
| 0290 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym                           | 8110405 | 12.000     | Ea   |
| 0300 | Pavt Mrkg, Polyurea, Railroad Sym                                | 8110411 | 2.000      | Ea   |
| 0310 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym                           | 8110412 | 2.000      | Ea   |
| 0320 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 12.000     | Ea   |
| 0330 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 12.000     | Ea   |
| 0340 | Pedestrian Type II Barricade, Temp                               | 8120026 | 24.000     | Ea   |
| 0350 | Channelizing Device, 42 inch, Furn                               | 8120030 | 300.000    | Ea   |
| 0360 | Channelizing Device, 42 inch, Oper                               | 8120031 | 300.000    | Ea   |
| 0370 | Lighted Arrow, Type C, Furn                                      | 8120140 | 6.000      | Ea   |
| 0380 | Lighted Arrow, Type C, Oper                                      | 8120141 | 6.000      | Ea   |
| 0390 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0400 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,632.000  | Sft  |
| 0410 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,632.000  | Sft  |
| 0420 | Traf Regulator Control   | 8120370 | 1.000      | LSUM |
| 0430 | Traf Loop, Presence  | 8200171 | 1.000      | Ea   |
| 0440 | Traf Loop, Calling   | 8200172 | 1.000      | Ea   |
| 0450 | Wireless Vehicle Detection System                                | 8200422 | 1.000      | Ea   |
| 0460 | Wireless Vehicle Sensor Node                                     | 8200425 | 15.000     | Ea   |
| 0470 | Wireless Vehicle Sensor Node, Salv                               | 8200427 | 10.000     | Ea   |
| 0480 | _ Wireless Repeater, Flex  | 8207050 | 3.000      | Ea   |
| 0490 | _ Monument Box, Modified   | 8217050 | 5.000      | Ea   |
| 0500 | _ Railroad Protection, at Grade Crossing                         | 8507060 | 3,600.000  | Dir  |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 048

**Letting Date:** June 7, 2019

**Contract ID:** 70555-129681

**Description:** 1.50 mi of hot mix asphalt resurfacing, trenching, shoulder widening and pavement marking on Leonard Street from Linden Drive east to 24th Avenue, Ottawa County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 129681A        | 1900546                | N/A                 | STL 70555       |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$64,100.00                                   | 1500001 | 1.000      | LSUM  |
| 0020              | Guardrail, Rem  | 2040035 | 38.000     | Ft    |
| 0030              | Pavt, Rem   | 2040050 | 72.000     | Syd   |
| 0040              | Approach, CI I, 6 inch  | 3070008 | 72.000     | Syd   |
| 0050              | Shoulder, CI II, 5 inch   | 3070127 | 4,839.000  | Syd   |
| 0060              | _ Trenching, Modified   | 3077002 | 146.000    | Sta   |
| 0070              | Dr Structure, Temp Lowering                                     | 4030390 | 1.000      | Ea    |
| 0080              | _ Dr Structure Cover, Adj, Case 1, Modified                     | 4037050 | 1.000      | Ea    |
| 0090              | Cold Milling HMA Surface  | 5010002 | 10,050.000 | Syd   |
| 0100              | Pavt for Butt Joints, Rem                                       | 5010008 | 1,450.000  | Syd   |
| 0110              | HMA, 2C   | 5010030 | 1,180.000  | Ton   |
| 0120              | HMA Approach  | 5010061 | 119.000    | Ton   |
| 0130              | HMA, LVSP   | 5010703 | 5,100.000  | Ton   |
| 0140              | Guardrail, Type B   | 8070000 | 38.000     | Ft    |
| 0150              | _ Mailbox Post, Modified  | 8077050 | 48.000     | Ea    |
| 0160              | Pavt Mrkg, Waterborne, 4 inch, White                            | 8110231 | 16,000.000 | Ft    |
| 0170              | Pavt Mrkg, Waterborne, 4 inch, Yellow                           | 8110232 | 14,000.000 | Ft    |
| 0180              | Channelizing Device, 42 inch, Furn                              | 8120030 | 160.000    | Ea    |
| 0190              | Channelizing Device, 42 inch, Oper                              | 8120031 | 160.000    | 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, Wet Reflective, Type NR, Paint, 4 inch, White, Temp  | 8120235 | 55.000     | Ft    |
| 0240              | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 5,700.000  | Ft    |
| 0250              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp    | 8120245 | 8.000      | Ft    |
| 0260              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp   | 8120246 | 2,000.000  | Ft    |

|      |                                     |         |           |      |
|------|-------------------------------------|---------|-----------|------|
| 0270 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 516.000   | Sft  |
| 0280 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 516.000   | Sft  |
| 0290 | Traf Regulator Control              | 8120370 | 1.000     | LSUM |
| 0300 | _ Slope Restoration                 | 8167011 | 1,613.000 | Syd  |
| 0310 | _ Approach, Class I, Driveway       | 8507050 | 14.000    | Ea   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 049

**Letting Date:** June 7, 2019

**Contract ID:** 27000-130997

**Description:** 0.44 mi of hot mix asphalt base crushing and shaping, shared use path, aggregate shoulder and guardrail along Thousand Island Lake Road south of US-2, Gogebic County. This is a Local Agency Project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 130997A        | FLAP041                | N/A                 | FLAP 27000      |

**List of Items by Section**

| Line Num          | Item Description                                      | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$43,125.00                         | 1500001 | 1.000     | LSUM  |
| 0020              | Culv, Rem, Over 48 inch                               | 2030003 | 1.000     | Ea    |
| 0030              | Guardrail, Rem  | 2040035 | 450.000   | Ft    |
| 0040              | _ Stream Bedding, Special                             | 2057011 | 171.000   | Syd   |
| 0050              | _ Embankment, CIP, Modified                           | 2057021 | 4,200.000 | Cyd   |
| 0060              | _ Excavation, Earth, Modified                         | 2057021 | 3,400.000 | Cyd   |
| 0070              | Erosion Control, Silt Fence                           | 2080036 | 150.000   | Ft    |
| 0080              | _ Bypass Pumping                                      | 2087050 | 1.000     | Ea    |
| 0090              | _ Construction Dam                                    | 2087050 | 1.000     | Ea    |
| 0100              | Subbase, CIP  | 3010002 | 190.000   | Cyd   |
| 0110              | Aggregate Base, 4 inch                                | 3020010 | 5,435.000 | Syd   |
| 0120              | Aggregate Base, 8 inch                                | 3020020 | 520.000   | Syd   |
| 0130              | HMA Base Crushing and Shaping                         | 3050002 | 8,260.000 | Syd   |
| 0140              | Material, Surplus and Unsuitable, Rem, LM             | 3050010 | 100.000   | Cyd   |
| 0150              | Shoulder, CI II, 3 inch                               | 3070125 | 1,033.000 | Syd   |
| 0160              | Trenching   | 3070200 | 47.000    | Sta   |
| 0170              | Geotextile, Stabilization                             | 3080010 | 590.000   | Syd   |
| 0180              | Trench Undercut and Backfill                          | 4021260 | 90.000    | Cyd   |
| 0190              | Culv Bedding, Box Culv                                | 4060005 | 90.000    | Cyd   |
| 0200              | _ Culv, Precast Conc Box, 12 foot by 6 foot, Modified | 4067001 | 128.000   | Ft    |
| 0210              | HMA Surface, Rem                                      | 5010005 | 310.000   | Syd   |
| 0220              | HMA, LVSP   | 5010703 | 1,193.000 | Ton   |
| 0230              | Guardrail, Type B                                     | 8070000 | 375.000   | Ft    |
| 0240              | Guardrail Approach Terminal, Type 2M                  | 8070044 | 4.000     | Ea    |
| 0250              | Guardrail Reflector                                   | 8070080 | 20.000    | Ea    |
| 0260              | Barricade, Type III, High Intensity, Lighted, Furn    | 8120022 | 4.000     | Ea    |
| 0270              | Barricade, Type III, High Intensity, Lighted, Oper    | 8120023 | 4.000     | Ea    |

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|      |                                     |         |           |      |
|------|-------------------------------------|---------|-----------|------|
| 0280 | Lighted Arrow, Type C, Furn         | 8120140 | 2.000     | Ea   |
| 0290 | Lighted Arrow, Type C, Oper         | 8120141 | 2.000     | Ea   |
| 0300 | Minor Traf Devices                  | 8120170 | 1.000     | LSUM |
| 0310 | Plastic Drum, High Intensity, Furn  | 8120250 | 10.000    | Ea   |
| 0320 | Plastic Drum, High Intensity, Oper  | 8120251 | 10.000    | Ea   |
| 0330 | Sign, Type B, Temp, Prismatic, Furn | 8120350 | 700.000   | Sft  |
| 0340 | Sign, Type B, Temp, Prismatic, Oper | 8120351 | 700.000   | Sft  |
| 0350 | Traf Regulator Control              | 8120370 | 1.000     | LSUM |
| 0360 | Riprap, Heavy                       | 8130005 | 720.000   | Syd  |
| 0370 | Slope Restoration, Type C           | 8160102 | 380.000   | Syd  |
| 0380 | _ Slope Resotation Modified         | 8167001 | 2,323.000 | Ft   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 050

**Letting Date:** June 7, 2019

**Contract ID:** 58000-204933

**Description:** 0.59 mi of streetscaping, concrete curb and gutter, sidewalk, sidewalk ramp and pavement markings on Lewis Avenue from Pickard Road to Dean Road, Monroe County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204933A        | 1900714                | N/A                 | TAU 58000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity | Units |
|-------------------|--|---------|----------|-------|
| <b>Section: 1</b> |  |         |          |       |
| 0010              | Mobilization, Max \$31,500.00                  | 1500001 | 1.000    | LSUM  |
| 0020              | Clearing                                       | 2010001 | 0.120    | Acre  |
| 0030              | Stump, Rem, 6 inch to 18 inch                  | 2020008 | 4.000    | Ea    |
| 0040              | Curb and Gutter, Rem                           | 2040020 | 335.000  | Ft    |
| 0050              | Fence, Rem                                     | 2040025 | 235.000  | Ft    |
| 0060              | Pavt, Rem                                      | 2040050 | 245.000  | Syd   |
| 0070              | Sidewalk, Rem                                  | 2040055 | 270.000  | Syd   |
| 0080              | Exploratory Investigation, Vertical            | 2040080 | 5.000    | Ft    |
| 0090              | _ Clearing, Special                            | 2047051 | 1.000    | LSUM  |
| 0100              | Excavation, Earth                              | 2050016 | 300.000  | Cyd   |
| 0110              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 22.000   | Ea    |
| 0120              | Erosion Control, Silt Fence                    | 2080036 | 400.000  | Ft    |
| 0130              | Aggregate Base                                 | 3020001 | 20.000   | Ton   |
| 0140              | Aggregate Base, 6 inch                         | 3020016 | 940.000  | Syd   |
| 0150              | Aggregate Base, Conditioning                   | 3020050 | 510.000  | Syd   |
| 0160              | Dr Structure Cover, Adj, Case 1                | 4030005 | 3.000    | Ea    |
| 0170              | Dr Structure Cover, Adj, Case 2                | 4030006 | 2.000    | Ea    |
| 0180              | Dr Structure Cover, Type D                     | 4030025 | 1.000    | Ea    |
| 0190              | Dr Structure Cover, Type K                     | 4030050 | 2.000    | Ea    |
| 0200              | HMA Surface, Rem                               | 5010005 | 275.000  | Syd   |
| 0210              | Hand Patching                                  | 5010025 | 50.000   | Ton   |
| 0220              | HMA Approach                                   | 5010061 | 8.000    | Ton   |
| 0230              | _ Decorative Stone Wall, 18" Tall              | 7067051 | 1.000    | LSUM  |
| 0240              | _ Decorative Stone Wall, 30" Tall              | 7067051 | 1.000    | LSUM  |
| 0250              | _ Decorative Railing                           | 7097001 | 96.000   | Ft    |
| 0260              | _ Timber Rub Rail                              | 7097001 | 113.000  | Ft    |
| 0270              | Driveway, Nonreinf Conc, 6 inch                | 8010005 | 190.000  | Syd   |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Curb and Gutter, Conc, Det F4                                    | 8020038 | 155.000   | Ft   |
| 0290 | Driveway Opening, Conc, Det M                                    | 8020050 | 175.000   | Ft   |
| 0300 | _ Concrete Parking Rail  | 8027050 | 7.000     | Ea   |
| 0310 | Detectable Warning Surface                                       | 8030010 | 32.000    | Ft   |
| 0320 | Curb Ramp Opening, Conc  | 8030030 | 31.000    | Ft   |
| 0330 | Sidewalk Ramp, Conc, 6 inch                                      | 8030036 | 575.000   | Sft  |
| 0340 | Sidewalk, Conc, 4 inch   | 8030044 | 6,520.000 | Sft  |
| 0350 | Sidewalk, Conc, 6 inch   | 8030046 | 2,275.000 | Sft  |
| 0360 | _ Brick Pavers, Rem  | 8037010 | 50.000    | Sft  |
| 0370 | _ Sidewalk, Brick Pavers on Aggregate and Sand Bed               | 8037010 | 880.000   | Sft  |
| 0380 | _ Post, Mailbox, Relocate  | 8077050 | 4.000     | Ea   |
| 0390 | Post, Steel, 3 lb  | 8100371 | 515.000   | Ft   |
| 0400 | Sign, Type III, Erect, Salv                                      | 8100402 | 10.000    | Ea   |
| 0410 | Sign, Type III, Rem  | 8100403 | 10.000    | Ea   |
| 0420 | Sign, Type IIIB  | 8100405 | 155.000   | Sft  |
| 0430 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk                 | 8110041 | 300.000   | Ft   |
| 0440 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 78.000    | Ft   |
| 0450 | Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike          | 8110049 | 27.000    | Ea   |
| 0460 | Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym                    | 8110058 | 27.000    | Ea   |
| 0470 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 7,935.000 | Ft   |
| 0480 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 7,935.000 | Ft   |
| 0490 | Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White      | 8110425 | 539.000   | Ft   |
| 0500 | _ Pavt Mrkg, MMA Acrylic, Bike Lane Green                        | 8117010 | 990.000   | Sft  |
| 0510 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 8.000     | Ea   |
| 0520 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000     | Ea   |
| 0530 | Pedestrian Type II Barricade, Temp                               | 8120026 | 8.000     | Ea   |
| 0540 | Channelizing Device, 42 inch, Furn                               | 8120030 | 100.000   | Ea   |
| 0550 | Channelizing Device, 42 inch, Oper                               | 8120031 | 100.000   | Ea   |
| 0560 | Lighted Arrow, Type B, Furn                                      | 8120130 | 2.000     | Ea   |
| 0570 | Lighted Arrow, Type B, Oper                                      | 8120131 | 2.000     | Ea   |
| 0580 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0590 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 367.000   | Ft   |
| 0600 | Sign Cover   | 8120310 | 2.000     | Ea   |
| 0610 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 312.000   | Sft  |
| 0620 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 312.000   | Sft  |
| 0630 | Traf Regulator Control   | 8120370 | 1.000     | LSUM |
| 0640 | Site Preparation, Max \$1,700.00                                 | 8150001 | 1.000     | LSUM |
| 0650 | Watering and Cultivating, First Season, Min \$825.00             | 8150002 | 1.000     | LSUM |
| 0660 | Watering and Cultivating, Second Season, Min \$1,000.00          | 8150003 | 1.000     | LSUM |
| 0670 | Acer saccharum Green Mountain, 2 inch                            | 8150186 | 6.000     | Ea   |
| 0680 | Acer x freemanii Celebration, 2 inch                             | 8150225 | 2.000     | Ea   |
| 0690 | _ Bench  | 8157050 | 2.000     | Ea   |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0700 | Sodding  | 8160055 | 120.000   | Syd  |
| 0710 | Topsoil Surface, Furn, 4 inch                              | 8160062 | 120.000   | Syd  |
| 0720 | Water, Sodding/Seeding                                     | 8160090 | 5.000     | Unit |
| 0730 | Slope Restoration, Type A                                  | 8160100 | 1,765.000 | Syd  |
| 0740 | Conduit, DB, 1, 1 1/2 inch                                 | 8190027 | 15.000    | Ft   |
| 0750 | Conduit, Directional Bore, 1 1/2 inch                      | 8190041 | 90.000    | Ft   |
| 0760 | Hh, Round, 3 foot dia                                      | 8190259 | 1.000     | Ea   |
| 0770 | Hh, Round  | 8190260 | 3.000     | Ea   |
| 0780 | Fdn, Rem   | 8200065 | 1.000     | Ea   |
| 0790 | Pedestal, Alum   | 8200100 | 2.000     | Ea   |
| 0800 | Pedestal, Fdn  | 8200105 | 2.000     | Ea   |
| 0810 | Riser  | 8200125 | 3.000     | Ea   |
| 0820 | Span Wire  | 8200140 | 1.000     | Ea   |
| 0830 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED)<br>Countdown | 8200339 | 2.000     | Ea   |
| 0840 | TS, Pedestrian, Two Way Pedestal Mtd (LED)<br>Countdown    | 8200347 | 2.000     | Ea   |
| 0850 | Hydrant, Relocate, Case 1                                  | 8230095 | 1.000     | Ea   |
| 0860 | Gate Box, Adj, Case 2                                      | 8230432 | 5.000     | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 051**Letting Date:** June 7, 2019**Contract ID:** 81000-202251

**Description:** 2.20 mi of hot mix asphalt shared use path, concrete retaining wall and sidewalk ramps, drainage, culverts, signing, restoration and pavement markings along M-52 from Green Lake Camp Drive to North Territorial Road, Washtenaw County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202251A        | 1900684                | N/A                 | TA 81000        |

**List of Items by Section**

| Line Num          | Item Description                                     | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$184,600.00                       | 1500001 | 1.000      | LSUM  |
| 0020              | _ Clearing, Modified, Stump Rem                      | 2017012 | 8.110      | Acre  |
| 0030              | Curb and Gutter, Rem                                 | 2040020 | 30.000     | Ft    |
| 0040              | Fence, Rem   | 2040025 | 90.000     | Ft    |
| 0050              | Guardrail, Rem                                       | 2040035 | 265.000    | Ft    |
| 0060              | Masonry and Conc Structure, Rem                      | 2040045 | 100.000    | Cyd   |
| 0070              | Subgrade Undercutting, Type I                        | 2050040 | 300.000    | Cyd   |
| 0080              | Subgrade Undercutting, Type II                       | 2050041 | 300.000    | Cyd   |
| 0090              | _ Subgrade Undercutting, 21AA, Special               | 2057021 | 300.000    | Cyd   |
| 0100              | _ Subgrade Undercutting, 6A, Special                 | 2057021 | 300.000    | Cyd   |
| 0110              | Erosion Control, Silt Fence                          | 2080036 | 22,975.000 | Ft    |
| 0120              | Project Cleanup                                      | 2090001 | 1.000      | LSUM  |
| 0130              | _ Audio Video DVD, Special                           | 2097051 | 1.000      | LSUM  |
| 0140              | _ Maintenance Gravel, Special                        | 3067031 | 90.000     | Ton   |
| 0150              | Geotextile, Separator                                | 3080005 | 1,000.000  | Syd   |
| 0160              | _ High Performance Biaxial Geogrid                   | 3087011 | 1,000.000  | Syd   |
| 0170              | Culv End Sect, 12 inch                               | 4010012 | 6.000      | Ea    |
| 0180              | Culv End Sect, 18 inch                               | 4010018 | 2.000      | Ea    |
| 0190              | Culv End Sect, 36 inch                               | 4010036 | 1.000      | Ea    |
| 0200              | Culv, CI A, 12 inch                                  | 4010131 | 100.000    | Ft    |
| 0210              | Culv, CI A, 18 inch                                  | 4010133 | 77.000     | Ft    |
| 0220              | Culv, CI A, 36 inch                                  | 4010136 | 6.000      | Ft    |
| 0230              | Dr Structure Cover, Type G                           | 4030040 | 1.000      | Ea    |
| 0240              | Dr Structure, 48 inch dia                            | 4030210 | 1.000      | Ea    |
| 0250              | Underdrain, Subgrade, 6 inch                         | 4040073 | 765.000    | Ft    |
| 0260              | Underdrain, Outlet Ending, 6 inch with Rodent Screen | 4040113 | 6.000      | Ea    |
| 0270              | _ Infiltration Trench                                | 4047001 | 4,670.000  | Ft    |

|      |   |         |            |      |
|------|---|---------|------------|------|
| 0280 | Hand Patching                                       | 5010025 | 10.000     | Ton  |
| 0290 | HMA Approach  | 5010061 | 100.000    | Ton  |
| 0300 | _ Retaining Wall, Modular Block, Gravity            | 7067010 | 1,150.000  | Sft  |
| 0310 | _ Retaining Wall, Modular Block, MSE                | 7067010 | 3,290.000  | Sft  |
| 0320 | Sidewalk Ramp, Conc, 6 inch                         | 8030036 | 400.000    | Sft  |
| 0330 | _ Detectable Warning Surface, Cast Iron             | 8037001 | 36.000     | Ft   |
| 0340 | Shared use Path, HMA                                | 8060040 | 3,050.000  | Ton  |
| 0350 | _ Shared use Path, Grading, Special                 | 8067001 | 11,659.000 | Ft   |
| 0360 | _ Shared use Path, Aggregate, Modified              | 8067011 | 15,133.000 | Syd  |
| 0370 | Guardrail Approach Terminal, Type 2M                | 8070044 | 1.000      | Ea   |
| 0380 | _ Fence, Woven Wire Mesh with Wood Post             | 8077001 | 1,210.000  | Ft   |
| 0390 | Fence, Protective                                   | 8080007 | 450.000    | Ft   |
| 0400 | _ Fence, Retaining Wall                             | 8087001 | 475.000    | Ft   |
| 0410 | Post, Steel, 3 lb                                   | 8100371 | 308.000    | Ft   |
| 0420 | Sign, Type III, Rem                                 | 8100403 | 1.000      | Ea   |
| 0430 | Sign, Type IIIA                                     | 8100404 | 15.000     | Sft  |
| 0440 | Sign, Type IIIB                                     | 8100405 | 68.000     | Sft  |
| 0450 | Reflective Panel for Permanent Sign Support, 6 foot | 8100616 | 8.000      | Ea   |
| 0460 | Pavt Mrkg, Polyurea, Xing                           | 8110102 | 2.000      | Ea   |
| 0470 | Pavt Mrkg, Polyurea, 12 inch, Crosswalk             | 8110110 | 255.000    | Ft   |
| 0480 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar              | 8110114 | 12.000     | Ft   |
| 0490 | _ Pavt Mrkg, Polyurea, Road, Modified               | 8117050 | 4.000      | Ea   |
| 0500 | _ Pavt Mrkg, Polyurea, Trail                        | 8117050 | 2.000      | Ea   |
| 0510 | _ Pavt Mrkg, Polyurea, Xing, Modified               | 8117050 | 4.000      | Ea   |
| 0520 | Barricade, Type III, High Intensity, Lighted, Furn  | 8120022 | 8.000      | Ea   |
| 0530 | Barricade, Type III, High Intensity, Lighted, Oper  | 8120023 | 8.000      | Ea   |
| 0540 | Pedestrian Type II Barricade, Temp                  | 8120026 | 4.000      | Ea   |
| 0550 | Channelizing Device, 42 inch, Fluorescent, Furn     | 8120035 | 300.000    | Ea   |
| 0560 | Channelizing Device, 42 inch, Fluorescent, Oper     | 8120036 | 300.000    | Ea   |
| 0570 | Lighted Arrow, Type C, Furn                         | 8120140 | 2.000      | Ea   |
| 0580 | Lighted Arrow, Type C, Oper                         | 8120141 | 2.000      | Ea   |
| 0590 | Minor Traf Devices                                  | 8120170 | 1.000      | LSUM |
| 0600 | Sign Cover  | 8120310 | 10.000     | Ea   |
| 0610 | Sign, Type B, Temp, Prismatic, Furn                 | 8120350 | 500.000    | Sft  |
| 0620 | Sign, Type B, Temp, Prismatic, Oper                 | 8120351 | 500.000    | Sft  |
| 0630 | Traf Regulator Control                              | 8120370 | 1.000      | LSUM |
| 0640 | Riprap, Plain                                       | 8130010 | 25.000     | Syd  |
| 0650 | Slope Restoration, Type A                           | 8160100 | 23,100.000 | Syd  |
| 0660 | Slope Restoration, Type C                           | 8160102 | 8,900.000  | Syd  |
| 0670 | _ Bench   | 8507050 | 3.000      | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 052

**Letting Date:** June 7, 2019

**Contract ID:** 63000-203458

**Description:** Removal of diagonal span signals and replace with mast arm traffic signals, pedestrian signals and ADA ramps on Beck Road at Pontiac Trail and on Haggerty Road at 14 Mile Road in the city of Novi, Oakland County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203458A        | 1900717                | N/A                 | HSIP 63000      |
| 203461A        | 1900718                | N/A                 | HSIP 63000      |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity | Units |
|-------------------|---|---------|----------|-------|
| <b>Section: 1</b> |   |         |          |       |
| 0010              | Mobilization, Max \$59,400.00                           | 1500001 | 1.000    | LSUM  |
| 0020              | Curb and Gutter, Rem                                    | 2040020 | 350.000  | Ft    |
| 0030              | Pavt, Rem   | 2040050 | 25.000   | Syd   |
| 0040              | Sidewalk, Rem   | 2040055 | 307.000  | Syd   |
| 0050              | Exploratory Investigation, Vertical                     | 2040080 | 30.000   | Ft    |
| 0060              | Embankment, CIP   | 2050010 | 40.000   | Cyd   |
| 0070              | Excavation, Earth                                       | 2050016 | 280.000  | Cyd   |
| 0080              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 20.000   | Cyd   |
| 0090              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 2.000    | Ea    |
| 0100              | Erosion Control, Silt Fence                             | 2080036 | 300.000  | Ft    |
| 0110              | Project Cleanup   | 2090001 | 1.000    | LSUM  |
| 0120              | Aggregate Base, 10 inch                                 | 3020026 | 544.000  | Syd   |
| 0130              | Shoulder, CI II, 6 inch                                 | 3070128 | 44.000   | Syd   |
| 0140              | Geotextile, Stabilization                               | 3080010 | 544.000  | Syd   |
| 0150              | Dr Structure Cover, Adj, Case 1                         | 4030005 | 6.000    | Ea    |
| 0160              | Dr Structure Cover, Type B                              | 4030010 | 1.000    | Ea    |
| 0170              | Dr Structure Cover, Type D                              | 4030025 | 1.000    | Ea    |
| 0180              | Dr Structure Cover, Type K                              | 4030050 | 1.000    | Ea    |
| 0190              | Dr Structure Cover, Type Q                              | 4030065 | 2.000    | Ea    |
| 0200              | HMA Surface, Rem  | 5010005 | 37.000   | Syd   |
| 0210              | Hand Patching   | 5010025 | 4.000    | Ton   |
| 0220              | HMA Approach, High Stress                               | 5010520 | 152.000  | Ton   |
| 0230              | Conc Pavt, Misc, Nonreinf, 10 inch                      | 6020058 | 5.000    | Syd   |
| 0240              | Curb and Gutter, Conc, Det B2                           | 8020016 | 282.000  | Ft    |
| 0250              | Curb and Gutter, Conc, Det C3                           | 8020022 | 74.000   | Ft    |
| 0260              | Curb and Gutter, Conc, Det C4                           | 8020023 | 15.000   | Ft    |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0270 | Curb and Gutter, Conc, Det C5                                    | 8020024 | 7.000     | Ft   |
| 0280 | Curb and Gutter, Conc, Det C6                                    | 8020025 | 45.000    | Ft   |
| 0290 | Shoulder Gutter, Conc, Det 2                                     | 8020056 | 10.000    | Ea   |
| 0300 | Spillway, Conc   | 8020075 | 2.000     | Ft   |
| 0310 | Detectable Warning Surface                                       | 8030010 | 91.000    | Ft   |
| 0320 | Curb Ramp Opening, Conc  | 8030030 | 111.000   | Ft   |
| 0330 | Sidewalk Ramp, Conc, 6 inch                                      | 8030036 | 732.000   | Sft  |
| 0340 | Sidewalk, Conc, 4 inch   | 8030044 | 1,778.000 | Sft  |
| 0350 | Post, Wood, 4 inch by 6 inch                                     | 8100380 | 64.000    | Ft   |
| 0360 | Sign, Type IIB   | 8100399 | 20.000    | Sft  |
| 0370 | Mast Arm Pole, Cat III   | 8100512 | 8.000     | Ea   |
| 0380 | Mast Arm, 45 foot, Cat III                                       | 8100545 | 6.000     | Ea   |
| 0390 | Mast Arm, 50 foot, Cat III                                       | 8100546 | 2.000     | Ea   |
| 0400 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 995.000   | Ft   |
| 0410 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 290.000   | Ft   |
| 0420 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 8.000     | Ea   |
| 0430 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 10.000    | Ea   |
| 0440 | Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym                     | 8110078 | 2.000     | Ea   |
| 0450 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 600.000   | Ft   |
| 0460 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 600.000   | Ft   |
| 0470 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 12.000    | Ea   |
| 0480 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 12.000    | Ea   |
| 0490 | Pedestrian Type II Barricade, Temp                               | 8120026 | 16.000    | Ea   |
| 0500 | Channelizing Device, 42 inch, Furn                               | 8120030 | 160.000   | Ea   |
| 0510 | Channelizing Device, 42 inch, Oper                               | 8120031 | 160.000   | Ea   |
| 0520 | Lighted Arrow, Type C, Furn                                      | 8120140 | 1.000     | Ea   |
| 0530 | Lighted Arrow, Type C, Oper                                      | 8120141 | 1.000     | Ea   |
| 0540 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0550 | Sign Cover   | 8120310 | 4.000     | Ea   |
| 0560 | Sign, Portable, Changeable Message, Furn                         | 8120330 | 4.000     | Ea   |
| 0570 | Sign, Portable, Changeable Message, Oper                         | 8120331 | 4.000     | Ea   |
| 0580 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 594.000   | Sft  |
| 0590 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 594.000   | Sft  |
| 0600 | Traf Regulator Control   | 8120370 | 1.000     | LSUM |
| 0610 | Riprap, Plain  | 8130010 | 4.000     | Syd  |
| 0620 | Water, Sodding/Seeding   | 8160090 | 2.000     | Unit |
| 0630 | Slope Restoration, Type A  | 8160100 | 830.000   | Syd  |
| 0640 | Cable Pole, TS and Sec, Disman                                   | 8190009 | 2.000     | Ea   |
| 0650 | Cable Pole, TS, Disman   | 8190010 | 2.000     | Ea   |
| 0660 | Cable, Sec, Rem  | 8190017 | 100.000   | Ft   |
| 0670 | Conduit, DB, 1, 1 1/4 inch                                       | 8190026 | 410.000   | Ft   |
| 0680 | Conduit, DB, 1, 3 inch   | 8190029 | 12.000    | Ft   |
| 0690 | Conduit, DB, 3, 3 inch   | 8190035 | 160.000   | Ft   |

|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 0700 | Conduit, DB, 3, 4 inch                                     | 8190036 | 12.000    | Ft  |
| 0710 | Hh, Rem  | 8190254 | 12.000    | Ea  |
| 0720 | Hh, Round  | 8190260 | 6.000     | Ea  |
| 0730 | Wood Pole, Rem   | 8190505 | 2.000     | Ea  |
| 0740 | _ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC              | 8197001 | 100.000   | Ft  |
| 0750 | Case Sign, Rem   | 8200020 | 10.000    | Ea  |
| 0760 | Controller and Cabinet, Rem                                | 8200030 | 2.000     | Ea  |
| 0770 | Controller Fdn, Base Mount                                 | 8200045 | 2.000     | Ea  |
| 0780 | Controller Fdn, Rem  | 8200046 | 2.000     | Ea  |
| 0790 | Fdn, Rem   | 8200065 | 4.000     | Ea  |
| 0800 | Pedestal, Fdn  | 8200105 | 13.000    | Ea  |
| 0810 | Power Co. (Est. Cost to Contractor)                        | 8200116 | 8,000.000 | Dir |
| 0820 | Pushbutton and Sign  | 8200121 | 16.000    | Ea  |
| 0830 | Pushbutton, Rem  | 8200122 | 16.000    | Ea  |
| 0840 | Serv Disconnect  | 8200135 | 2.000     | Ea  |
| 0850 | Serv Disconnect, Rem                                       | 8200136 | 2.000     | Ea  |
| 0860 | Span Wire, Rem   | 8200141 | 2.000     | Ea  |
| 0870 | Steel Pole, Rem  | 8200145 | 4.000     | Ea  |
| 0880 | Guy, Rem   | 8200167 | 5.000     | Ea  |
| 0890 | TS, Bracket Arm Mtd, Rem                                   | 8200175 | 8.000     | Ea  |
| 0900 | TS, Pedestrian, Bracket Arm Mtd, Rem                       | 8200180 | 8.000     | Ea  |
| 0910 | TS, Span Wire Mtd, Rem                                     | 8200182 | 10.000    | Ea  |
| 0920 | TS, One Way Mast Arm Mtd, FYA (LED)                        | 8200304 | 8.000     | Ea  |
| 0930 | TS, Pedestrian, One Way Bracket Arm Mtd (LED)<br>Countdown | 8200336 | 3.000     | Ea  |
| 0940 | TS, Pedestrian, One Way Pedestal Mtd (LED)<br>Countdown    | 8200345 | 13.000    | Ea  |
| 0950 | TS, One Way Mast Arm Mtd (LED)                             | 8200359 | 16.000    | Ea  |
| 0960 | TS Face, Bag   | 8200458 | 2.000     | Ea  |
| 0970 | TS Face, Bag, Rem  | 8200459 | 2.000     | Ea  |
| 0980 | Casing   | 8200480 | 80.000    | Ft  |
| 0990 | _ Conduit, Directional Bore, (1), 4 inch, RCOC             | 8207001 | 660.000   | Ft  |
| 1000 | _ Mast Arm Pole Fdn, RCOC                                  | 8207001 | 104.000   | Ft  |
| 1010 | _ Autoscope Camera, Rem, RCOC                              | 8207050 | 8.000     | Ea  |
| 1020 | _ Bracket Arm, 9 foot, RCOC                                | 8207050 | 8.000     | Ea  |
| 1030 | _ Bracket Arm, Rem, RCOC                                   | 8207050 | 7.000     | Ea  |
| 1040 | _ Controller and Cabinet, Digital Type, Delivered,<br>RCOC | 8207050 | 2.000     | Ea  |
| 1050 | _ Controller and Cabinet, Digital Type, RCOC               | 8207050 | 2.000     | Ea  |
| 1060 | _ Field Paint Structure                                    | 8207050 | 4.000     | Ea  |
| 1070 | _ Hh, Square, RCOC   | 8207050 | 2.000     | Ea  |
| 1080 | _ Optical Priority Control System, RCOC                    | 8207050 | 2.000     | Ea  |
| 1090 | _ Pedestal, Alum, RCOC                                     | 8207050 | 13.000    | Ea  |
| 1100 | _ Street Name Sign Bracket Arm, 10 foot, RCOC              | 8207050 | 3.000     | Ea  |
| 1110 | _ Street Name Sign Bracket Arm, 8 foot, RCOC               | 8207050 | 1.000     | Ea  |
| 1120 | _ Street Name Sign, Two Way, 6 foot, RCOC                  | 8207050 | 1.000     | Ea  |

|      |  |         |        |      |
|------|--|---------|--------|------|
| 1130 | _ Street Name Sign, Two Way, 8 foot, RCOC          | 8207050 | 3.000  | Ea   |
| 1140 | _ Support Post, Rem, RCOC                          | 8207050 | 12.000 | Ea   |
| 1150 | _ Video Traf Detection Camera and Processor, RCOC  | 8207050 | 8.000  | Ea   |
| 1160 | Gate Box, Adj, Case 1 Gate Well Cover, Adj, Case 1 | 8230431 | 1.000  | Ea   |
| 1170 | _ Audio-Video Route Survey                         | 8507051 | 1.000  | LSUM |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 053

**Letting Date:** June 7, 2019

**Contract ID:** 25000-130885

**Description:** Removal of diagonal span traffic signal and replace with a box span traffic signal, signal timing and ADA sidewalk ramps on Court Street at Averill Avenue, on Davison Road at Averill Avenue and on Hemphill Road at Saginaw Street in the city of Flint, Genesee County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 130885A        | 1900516                | N/A                 | HSIP 25000      |
| 130891A        | 1900517                | N/A                 | HSIP 25609      |
| 130902A        | 1900551                | N/A                 | HSIP 25609      |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$35,700.00                                    | 1500001 | 1.000     | LSUM  |
| 0020              | Curb and Gutter, Rem   | 2040020 | 138.000   | Ft    |
| 0030              | Pavt, Rem  | 2040050 | 60.000    | Syd   |
| 0040              | Sidewalk, Rem  | 2040055 | 248.000   | Syd   |
| 0050              | Exploratory Investigation, Vertical                              | 2040080 | 10.000    | Ft    |
| 0060              | Embankment, CIP  | 2050010 | 8.000     | Cyd   |
| 0070              | Excavation, Earth  | 2050016 | 35.000    | Cyd   |
| 0080              | Erosion Control, Inlet Protection, Fabric Drop                   | 2080020 | 2.000     | Ea    |
| 0090              | Erosion Control, Maintenance, Sediment Removal                   | 2080026 | 1.000     | Cyd   |
| 0100              | Aggregate Base, 4 inch   | 3020010 | 325.000   | Syd   |
| 0110              | Dr Structure Cover, Adj, Case 1                                  | 4030005 | 2.000     | Ea    |
| 0120              | _ Dr Structure Cover, ADA Compliant                              | 4037050 | 1.000     | Ea    |
| 0130              | HMA Surface, Rem   | 5010005 | 60.000    | Syd   |
| 0140              | Hand Patching  | 5010025 | 6.000     | Ton   |
| 0150              | Conc Base Cse, Nonreinf, 7 inch                                  | 6020017 | 50.000    | Syd   |
| 0160              | Lane Tie, Epoxy Anchored   | 6030030 | 190.000   | Ea    |
| 0170              | Curb Ramp Opening, Conc  | 8030030 | 140.000   | Ft    |
| 0180              | Sidewalk Ramp, Conc, 7 inch                                      | 8030037 | 1,015.000 | Sft   |
| 0190              | Sidewalk, Conc, 4 inch   | 8030044 | 1,240.000 | Sft   |
| 0200              | _ Detectable Warning Surface, Cast Iron                          | 8037001 | 118.000   | Ft    |
| 0210              | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 640.000   | Ft    |
| 0220              | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 160.000   | Ft    |
| 0230              | Rem Spec Mrkg  | 8110343 | 670.000   | Sft   |
| 0240              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000     | Ea    |
| 0250              | Barricade, Type III, High Intensity, Double Sided,               | 8120013 | 4.000     | Ea    |

|      | Lighted, Oper                                |         |         |      |
|------|--|---------|---------|------|
| 0260 | Pedestrian Type II Barricade, Temp           | 8120026 | 4.000   | Ea   |
| 0270 | Lighted Arrow, Type C, Furn                  | 8120140 | 6.000   | Ea   |
| 0280 | Lighted Arrow, Type C, Oper                  | 8120141 | 6.000   | Ea   |
| 0290 | Minor Traf Devices                           | 8120170 | 1.000   | LSUM |
| 0300 | Plastic Drum, High Intensity, Furn           | 8120250 | 150.000 | Ea   |
| 0310 | Plastic Drum, High Intensity, Oper           | 8120251 | 150.000 | Ea   |
| 0320 | Sign, Type B, Temp, Prismatic, Furn          | 8120350 | 800.000 | Sft  |
| 0330 | Sign, Type B, Temp, Prismatic, Oper          | 8120351 | 800.000 | Sft  |
| 0340 | Traf Regulator Control                       | 8120370 | 1.000   | LSUM |
| 0350 | Slope Restoration, Type A                    | 8160100 | 147.000 | Syd  |
| 0360 | Cable Pole, TS and Sec, Disman               | 8190009 | 1.000   | Ea   |
| 0370 | Cable Pole, TS, Disman                       | 8190010 | 2.000   | Ea   |
| 0380 | Conduit, DB, 1, 1 1/2 inch                   | 8190027 | 160.000 | Ft   |
| 0390 | Conduit, DB, 1, 3 inch                       | 8190029 | 10.000  | Ft   |
| 0400 | Conduit, DB, 2, 3 inch                       | 8190032 | 15.000  | Ft   |
| 0410 | Conduit, DB, 3, 3 inch                       | 8190035 | 95.000  | Ft   |
| 0420 | Conduit, DB, 4, 3 inch                       | 8190038 | 30.000  | Ft   |
| 0430 | Conduit, Rem                                 | 8190140 | 25.000  | Ft   |
| 0440 | Hh, Rem                                      | 8190254 | 1.000   | Ea   |
| 0450 | Hh, Round, 3 foot dia                        | 8190259 | 3.000   | Ea   |
| 0460 | Hh, Round                                    | 8190260 | 6.000   | Ea   |
| 0470 | Cable, Sec, 600V, 1, 3/C#6                   | 8190399 | 500.000 | Ft   |
| 0480 | Wood Pole                                    | 8190465 | 4.000   | Ea   |
| 0490 | Wood Pole, Fit Up, TS and Sec Cable Pole     | 8190500 | 1.000   | Ea   |
| 0500 | Wood Pole, Fit Up, TS Cable Pole             | 8190501 | 2.000   | Ea   |
| 0510 | _ Recable, TS                                | 8197001 | 450.000 | Ft   |
| 0520 | Anchor Guy                                   | 8200001 | 1.000   | Ea   |
| 0530 | Case Sign, Rem                               | 8200020 | 5.000   | Ea   |
| 0540 | Case Sign (LED), One Way, 24 inch by 30 inch | 8200029 | 12.000  | Ea   |
| 0550 | Controller and Cabinet, Rem                  | 8200030 | 3.000   | Ea   |
| 0560 | Controller and Cabinet, Digital Type         | 8200031 | 3.000   | Ea   |
| 0570 | Controller Fdn, Base Mount                   | 8200045 | 3.000   | Ea   |
| 0580 | Controller Fdn, Rem                          | 8200046 | 1.000   | Ea   |
| 0590 | Pedestal, Alum                               | 8200100 | 2.000   | Ea   |
| 0600 | Pedestal, Fdn                                | 8200105 | 2.000   | Ea   |
| 0610 | Pedestal Fdn, Rem                            | 8200106 | 1.000   | Ea   |
| 0620 | Pedestal, Rem                                | 8200110 | 1.000   | Ea   |
| 0630 | Power Co. (Est. Cost to Contractor)          | 8200116 | 450.000 | Dlr  |
| 0640 | Serv Disconnect                              | 8200135 | 3.000   | Ea   |
| 0650 | Span Wire                                    | 8200140 | 12.000  | Ea   |
| 0660 | Span Wire, Rem                               | 8200141 | 3.000   | Ea   |
| 0670 | Span Wire Tether                             | 8200142 | 12.000  | Ea   |
| 0680 | Steel Pole, Rem (Embedded)                   | 8200146 | 2.000   | Ea   |
| 0690 | Strain Pole Fdn                              | 8200152 | 87.000  | Ft   |



|      |  |         |        |    |
|------|--|---------|--------|----|
| 0700 | Strain Pole, Steel, Anchor Base, 30 foot                   | 8200155 | 7.000  | Ea |
| 0710 | Strut Guy  | 8200168 | 1.000  | Ea |
| 0720 | TS, Bracket Arm Mtd, Rem                                   | 8200175 | 2.000  | Ea |
| 0730 | TS, Pedestrian, Bracket Arm Mtd, Rem                       | 8200180 | 4.000  | Ea |
| 0740 | TS, Pedestrian, Pedestal Mtd, Rem                          | 8200181 | 1.000  | Ea |
| 0750 | TS, Span Wire Mtd, Rem                                     | 8200182 | 12.000 | Ea |
| 0760 | TS, Pedestrian, Two Way Bracket Arm Mtd, Salv              | 8200228 | 1.000  | Ea |
| 0770 | TS, One Way Span Wire Mtd (LED)                            | 8200313 | 24.000 | Ea |
| 0780 | TS, One Way Bracket Arm Mtd (LED)                          | 8200333 | 1.000  | Ea |
| 0790 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED)<br>Countdown | 8200339 | 6.000  | Ea |
| 0800 | TS, Pedestrian, Two Way Pedestal Mtd (LED)<br>Countdown    | 8200347 | 2.000  | Ea |
| 0810 | Junction Box, Rem  | 8200457 | 5.000  | Ea |
| 0820 | Casing   | 8200480 | 62.000 | Ft |
| 0830 | Backplate, TS  | 8200501 | 24.000 | Ea |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 054

**Letting Date:** June 7, 2019

**Contract ID:** 82000-203505

**Description:** 0.79 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps and pavement markings on Greenfield Road from Rotunda Drive to Michigan Avenue (US-12) 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 |
|----------------|------------------------|---------------------|-----------------|
| 203505A        | 1900731                | N/A                 | STU 82000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$148,600.00                 | 1500001 | 1.000      | LSUM  |
| 0020              | Curb and Gutter, Rem                           | 2040020 | 229.000    | Ft    |
| 0030              | Guardrail, Rem                                 | 2040035 | 415.000    | Ft    |
| 0040              | Sidewalk, Rem                                  | 2040055 | 235.000    | Syd   |
| 0050              | _ Misc Pavt, Rem, Patching                     | 2047011 | 2,823.000  | Syd   |
| 0060              | _ Misc Obstruction, Rem                        | 2047021 | 7.000      | Cyd   |
| 0070              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 38.000     | Ea    |
| 0080              | Erosion Control, Maintenance, Sediment Removal | 2080026 | 5.000      | Cyd   |
| 0090              | Project Cleanup                                | 2090001 | 1.000      | LSUM  |
| 0100              | Dr Structure, Cleaning                         | 4030290 | 35.000     | Ea    |
| 0110              | Dr Structure, Temp Lowering                    | 4030390 | 27.000     | Ea    |
| 0120              | _ Misc Structure Reconstruct                   | 4037001 | 24.000     | Ft    |
| 0130              | _ Misc San Structure Cover, Adj                | 4037050 | 1.000      | Ea    |
| 0140              | _ Misc Structure Cover, Adj                    | 4037050 | 49.000     | Ea    |
| 0150              | _ Misc Structure Cover, Adj, Furn Cover A      | 4037050 | 12.000     | Ea    |
| 0160              | _ Misc Structure Cover, Adj, Furn Cover S      | 4037050 | 4.000      | Ea    |
| 0170              | Cold Milling HMA Surface                       | 5010002 | 29,755.000 | Syd   |
| 0180              | HMA Surface, Rem                               | 5010005 | 18.000     | Syd   |
| 0190              | Pavt for Butt Joints, Rem                      | 5010008 | 160.000    | Syd   |
| 0200              | _ Misc Bit Mixture for Patching, Temp          | 5017031 | 50.000     | Ton   |
| 0210              | _ Misc Conditioning Existing Pavement          | 5017031 | 625.000    | Ton   |
| 0220              | _ Misc HMA, 4E10                               | 5017031 | 3,692.000  | Ton   |
| 0230              | _ Misc HMA, 5E10                               | 5017031 | 2,740.000  | Ton   |
| 0240              | Joint, Contraction, Cp                         | 6020200 | 1,330.000  | Ft    |
| 0250              | Joint, Expansion, E2                           | 6020207 | 200.000    | Ft    |
| 0260              | _ Misc Cold Weather Protection, Conc Pavt      | 6027011 | 1,650.000  | Syd   |
| 0270              | Lane Tie, Epoxy Anchored                       | 6030030 | 160.000    | Ea    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0280 | _ Misc Pavt Repr, Nonreinf Conc, Patching                        | 6037011 | 3,323.000  | Syd  |
| 0290 | _ Misc Conc Curb Cap   | 8027001 | 213.000    | Ft   |
| 0300 | _ Misc Conc Curb Cap, Patching                                   | 8027001 | 222.000    | Ft   |
| 0310 | Detectable Warning Surface                                       | 8030010 | 100.000    | Ft   |
| 0320 | Curb Ramp Opening, Conc  | 8030030 | 127.000    | Ft   |
| 0330 | Sidewalk Ramp, Conc, 4 inch                                      | 8030034 | 1,727.000  | Sft  |
| 0340 | _ Sidewalk Ramp, Conc, 8 inch                                    | 8037010 | 313.000    | Sft  |
| 0350 | Guardrail, Type MGS-8  | 8070004 | 650.000    | Ft   |
| 0360 | Guardrail Anch, Bridge, Det T4                                   | 8070025 | 4.000      | Ea   |
| 0370 | Guardrail Approach Terminal, Type 2M                             | 8070044 | 4.000      | Ea   |
| 0380 | Guardrail Departing Terminal, Type MGS                           | 8070052 | 4.000      | Ea   |
| 0390 | Guardrail Reflector  | 8070080 | 40.000     | Ea   |
| 0400 | _ Misc Impact Attenuator, 30 inch, TL-3                          | 8077050 | 2.000      | Ea   |
| 0410 | _ Misc Field Office  | 8097043 | 5.000      | Mo   |
| 0420 | _ Misc Sign, Type B, Perm  | 8107010 | 316.000    | Sft  |
| 0430 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 1,100.000  | Ft   |
| 0440 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Yellow                    | 8110043 | 1,260.000  | Ft   |
| 0450 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 450.000    | Ft   |
| 0460 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 2.000      | Ea   |
| 0470 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 4.000      | Ea   |
| 0480 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 3,485.000  | Ft   |
| 0490 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 10,000.000 | Ft   |
| 0500 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 25.000     | Ea   |
| 0510 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 25.000     | Ea   |
| 0520 | Pedestrian Type II Barricade, Temp                               | 8120026 | 8.000      | Ea   |
| 0530 | Conc Barrier Ending, Temp, Detail 5, Furn                        | 8120061 | 2.000      | Ea   |
| 0540 | Conc Barrier Ending, Temp, Detail 5, Oper                        | 8120062 | 2.000      | Ea   |
| 0550 | Conc Barrier, Temp, Furn   | 8120081 | 240.000    | Ft   |
| 0560 | Conc Barrier, Temp, Oper   | 8120082 | 240.000    | Ft   |
| 0570 | Lighted Arrow, Type C, Furn                                      | 8120140 | 4.000      | Ea   |
| 0580 | Lighted Arrow, Type C, Oper                                      | 8120141 | 4.000      | Ea   |
| 0590 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0600 | Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp                    | 8120230 | 800.000    | Ft   |
| 0610 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp                   | 8120231 | 200.000    | Ft   |
| 0620 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 800.000    | Ft   |
| 0630 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 200.000    | Ft   |
| 0640 | Plastic Drum, High Intensity, Furn                               | 8120250 | 300.000    | Ea   |
| 0650 | Plastic Drum, High Intensity, Oper                               | 8120251 | 300.000    | Ea   |
| 0660 | Sign Cover   | 8120310 | 15.000     | Ea   |
| 0670 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 702.000    | Sft  |
| 0680 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 702.000    | Sft  |
| 0690 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 28.000     | Sft  |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0700 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 28.000     | Sft  |
| 0710 | Traf Regulator Control                       | 8120370 | 1.000      | LSUM |
| 0720 | Topsoil Surface, Furn, 2 inch                | 8160060 | 2,553.000  | Syd  |
| 0730 | Water, Sodding/Seeding                       | 8160090 | 227.000    | Unit |
| 0740 | _ Sodding, Modified                          | 8167011 | 2,553.000  | Syd  |
| 0750 | Monument Box                                 | 8210001 | 1.000      | Ea   |
| 0760 | Monument Box Adjust                          | 8210005 | 1.000      | Ea   |
| 0770 | Monument Preservation                        | 8210010 | 1.000      | Ea   |
| 0780 | Water Shutoff, Adj, Case 1                   | 8230421 | 1.000      | Ea   |
| 0790 | Staking Plan Errors and Extras, One Person   | 8240020 | 13.000     | Hr   |
| 0800 | Staking Plan Errors and Extras, Two Person   | 8240021 | 5.000      | Hr   |
| 0810 | Staking Plan Errors and Extras, Three Person | 8240022 | 8.000      | Hr   |
| 0820 | _ Contractor Staking, Modified               | 8247051 | 1.000      | LSUM |
| 0830 | _ Railroad Protection                        | 8507060 | 14,350.000 | Dlr  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 055

**Letting Date:** June 7, 2019

**Contract ID:** 50000-132726

**Description:** 0.38 mi of concrete reconstruction, concrete sidewalk, sidewalk ramps, drainage, sewer, signing and pavement markings on Martin Road in the city of St. Clair Shores, Macomb County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 132726A        | 1900744                | N/A                 | STU 50000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$117,400.00                 | 1500001 | 1.000     | LSUM  |
| 0020              | Dr Structure, Rem                              | 2030011 | 5.000     | Ea    |
| 0030              | Sewer, Rem, Less than 24 inch                  | 2030015 | 68.000    | Ft    |
| 0040              | Pavt, Rem                                      | 2040050 | 5,358.000 | Syd   |
| 0050              | Sidewalk, Rem                                  | 2040055 | 389.000   | Syd   |
| 0060              | Exploratory Investigation, Vertical            | 2040080 | 50.000    | Ft    |
| 0070              | _ Station Grading, Special                     | 2057002 | 21.000    | Sta   |
| 0080              | _ Subgrade Undercutting, Special               | 2057021 | 580.000   | Cyd   |
| 0090              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 33.000    | Ea    |
| 0100              | Erosion Control, Silt Fence                    | 2080036 | 2,000.000 | Ft    |
| 0110              | Project Cleanup                                | 2090001 | 1.000     | LSUM  |
| 0120              | _ Aggregate Base, 9 inch, Special              | 3027011 | 8,721.000 | Syd   |
| 0130              | _ Aggregate Base, Special                      | 3027031 | 500.000   | Ton   |
| 0140              | Maintenance Gravel                             | 3060020 | 500.000   | Ton   |
| 0150              | _ Geogrid, Special                             | 3087011 | 1,700.000 | Syd   |
| 0160              | Sewer, CI IV, 12 inch, Tr Det B                | 4020987 | 185.000   | Ft    |
| 0170              | Sewer Tap, 12 inch                             | 4021204 | 1.000     | Ea    |
| 0180              | Sewer Bulkhead, 12 inch                        | 4021230 | 2.000     | Ea    |
| 0190              | Video Taping Sewer and Culv Pipe               | 4021275 | 468.000   | Ft    |
| 0200              | _ HDPE, 12 inch, Special                       | 4027001 | 283.000   | Ft    |
| 0210              | Dr Structure Cover, Adj, Case 1                | 4030005 | 21.000    | Ea    |
| 0220              | Dr Structure Cover, Adj, Case 2                | 4030006 | 14.000    | Ea    |
| 0230              | Dr Structure, 24 inch dia                      | 4030200 | 9.000     | Ea    |
| 0240              | Dr Structure, 48 inch dia                      | 4030210 | 5.000     | Ea    |
| 0250              | Dr Structure, Adj, Add Depth                   | 4030280 | 20.000    | Ft    |
| 0260              | Dr Structure, Cleaning                         | 4030290 | 10.000    | Ea    |
| 0270              | Dr Structure, Tap, 6 inch                      | 4030306 | 14.000    | Ea    |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Dr Structure, Tap, 12 inch   | 4030312 | 8.000     | Ea   |
| 0290 | _ DPW Structure Cover, Adj, Add Depth, Special                           | 4037001 | 10.000    | Ft   |
| 0300 | _ Catch Basin Cover  | 4037050 | 20.000    | Ea   |
| 0310 | _ DPW Structure Cover, Adj, Case 1, Special                              | 4037050 | 4.000     | Ea   |
| 0320 | _ DPW Structure Cover, Adj, Case 2, Special                              | 4037050 | 8.000     | Ea   |
| 0330 | _ Dr Structure, 12 inch, PVC, Special                                    | 4037050 | 4.000     | Ea   |
| 0340 | _ Gate Well Cover  | 4037050 | 1.000     | Ea   |
| 0350 | _ Sanitary Manhole Cover   | 4037050 | 1.000     | Ea   |
| 0360 | _ Storm Manhole Cover  | 4037050 | 9.000     | Ea   |
| 0370 | _ Underdrain, Subgrade, Open-Graded, 6-inch, Special                     | 4047001 | 4,300.000 | Ft   |
| 0380 | HMA Surface, Rem   | 5010005 | 1,409.000 | Syd  |
| 0390 | Joint, Contraction, Cp   | 6020200 | 3,942.000 | Ft   |
| 0400 | Joint, Expansion, E2   | 6020207 | 351.000   | Ft   |
| 0410 | _ Conc Pavt with Integral Curb, Misc, Nonreinf, 9 inch, High Performance | 6027011 | 1,723.000 | Syd  |
| 0420 | _ Conc Pavt with Integral Curb, Nonreinf, 9 inch, High Performance       | 6027011 | 6,793.000 | Syd  |
| 0430 | _ Pavt Repr, Nonreinf Conc, 8 inch, Special                              | 6027011 | 203.000   | Syd  |
| 0440 | Driveway, Nonreinf Conc, 6 inch  | 8010005 | 1,033.000 | Syd  |
| 0450 | Driveway, Nonreinf Conc, 8 inch  | 8010007 | 89.000    | Syd  |
| 0460 | _ Detectable Warning Surface, Modified                                   | 8037001 | 120.000   | Ft   |
| 0470 | _ Sidewalk, Conc, 4 inch, Modified                                       | 8037010 | 500.000   | Sft  |
| 0480 | _ Sidewalk, Conc, 6 inch, Modified                                       | 8037010 | 250.000   | Sft  |
| 0490 | _ Sidewalk, Ramp, Conc, 6 inch, Modified                                 | 8037010 | 2,439.000 | Sft  |
| 0500 | Post, Steel, 3 lb  | 8100371 | 308.000   | Ft   |
| 0510 | Sign, Type III, Erect, Salv  | 8100402 | 27.000    | Ea   |
| 0520 | Sign, Type III, Rem  | 8100403 | 64.000    | Ea   |
| 0530 | Sign, Type IIIA  | 8100404 | 76.000    | Sft  |
| 0540 | Sign, Type IIIB  | 8100405 | 53.000    | Sft  |
| 0550 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow            | 8110040 | 84.000    | Ft   |
| 0560 | Pavt Mrkg, Polyurea, 4 inch, Yellow                                      | 8110092 | 553.000   | Ft   |
| 0570 | Rem Curing Compound, for Longit Mrkg, 4 inch                             | 8110307 | 553.000   | Ft   |
| 0580 | Rem Curing Compound, for Spec Mrkg                                       | 8110321 | 84.000    | Sft  |
| 0590 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn         | 8120012 | 40.000    | Ea   |
| 0600 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper         | 8120013 | 40.000    | Ea   |
| 0610 | Pedestrian Type II Barricade, Temp                                       | 8120026 | 20.000    | Ea   |
| 0620 | Channelizing Device, 42 inch, Furn                                       | 8120030 | 30.000    | Ea   |
| 0630 | Channelizing Device, 42 inch, Oper                                       | 8120031 | 30.000    | Ea   |
| 0640 | Dust Palliative, Applied   | 8120100 | 20.000    | Ton  |
| 0650 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0660 | Plastic Drum, High Intensity, Furn                                       | 8120250 | 30.000    | Ea   |
| 0670 | Plastic Drum, High Intensity, Oper                                       | 8120251 | 30.000    | Ea   |
| 0680 | Sign Cover   | 8120310 | 5.000     | Ea   |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0690 | Sign, Type B, Temp, Prismatic, Furn             | 8120350 | 528.000   | Sft  |
| 0700 | Sign, Type B, Temp, Prismatic, Oper             | 8120351 | 528.000   | Sft  |
| 0710 | Sign, Type B, Temp, Prismatic, Special, Furn    | 8120352 | 450.000   | Sft  |
| 0720 | Sign, Type B, Temp, Prismatic, Special, Oper    | 8120353 | 450.000   | Sft  |
| 0730 | Traf Regulator Control                          | 8120370 | 1.000     | LSUM |
| 0740 | Site Preparation, Max \$5,000.00                | 8150001 | 1.000     | LSUM |
| 0750 | Acer campestre, tree form, 2 inch               | 8150048 | 8.000     | Ea   |
| 0760 | Quercus robur, 2 inch                           | 8153113 | 12.000    | Ea   |
| 0770 | Tilia americana, 2 inch                         | 8153843 | 13.000    | Ea   |
| 0780 | Tilia cordata Greenspire, 2 inch                | 8153862 | 13.000    | Ea   |
| 0790 | _ Landscape Mulch                               | 8157021 | 9.000     | Cyd  |
| 0800 | _ Turf Establishment, Sod, Performance, Special | 8167011 | 4,060.000 | Syd  |
| 0810 | _ Sprinkler Line, Special                       | 8237001 | 1,000.000 | Ft   |
| 0820 | _ Sprinkler Head, Relocate, Special             | 8237050 | 50.000    | Ea   |
| 0830 | _ Sprinkler Head, Replace, Special              | 8237050 | 50.000    | Ea   |
| 0840 | _ Color Audio Video Survey                      | 8507051 | 1.000     | LSUM |
| 0850 | _ Rubbish Pickup                                | 8507051 | 1.000     | LSUM |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 056

**Letting Date:** June 7, 2019

**Contract ID:** 41000-205246

**Description:** 0.75 mi of hot mix asphalt shared use path, concrete curb and gutter, drainage structures, storm sewer, street lighting and pavement marking on 3 Mile Road from Fuller Avenue to the east city limits of Grand Rapids in the city of Grand Rapids, Kent County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205246A        | 1900728                | N/A                 | TAU 41000       |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$68,700.00                                 | 1500001 | 1.000     | LSUM  |
| 0020              | Stump, Rem, 6 inch to 18 inch                                 | 2020008 | 5.000     | Ea    |
| 0030              | _ Abandon and Fill Underground Utilities, 12 inch Dia         | 2037001 | 10.000    | Ft    |
| 0040              | _ Abandon Valve Chamber and Place Valve Box, Per Detail P-23A | 2037050 | 1.000     | Ea    |
| 0050              | Guardrail, Rem  | 2040035 | 596.000   | Ft    |
| 0060              | Sidewalk, Rem   | 2040055 | 80.000    | Syd   |
| 0070              | _ Curb and Gutter, Rem, Modified                              | 2047001 | 716.000   | Ft    |
| 0080              | _ Conc or HMA Driveway and Approach, Rem                      | 2047011 | 187.000   | Syd   |
| 0090              | _ Pavt, Rem, Modified   | 2047011 | 1,187.000 | Syd   |
| 0100              | _ Pavt, Rem, Pavt Repair                                      | 2047011 | 200.000   | Syd   |
| 0110              | Embankment, CIP   | 2050010 | 205.000   | Cyd   |
| 0120              | _ Machine Grading, Modified                                   | 2057002 | 39.000    | Sta   |
| 0130              | _ Storm Water Operator's Inspections                          | 2087050 | 50.000    | Ea    |
| 0140              | Project Cleanup   | 2090001 | 1.000     | LSUM  |
| 0150              | _ Soil Erosion and Sedimentation Control                      | 2097051 | 1.000     | LSUM  |
| 0160              | _ Soil Erosion and Sedimentation Control Plan                 | 2097051 | 1.000     | LSUM  |
| 0170              | Subbase, CIP  | 3010002 | 605.000   | Cyd   |
| 0180              | _ Aggregate Base, 11 inch, Modified                           | 3027011 | 926.000   | Syd   |
| 0190              | _ Aggregate Base, 6 inch, Modified                            | 3027011 | 902.000   | Syd   |
| 0200              | Maintenance Gravel, LM  | 3060021 | 40.000    | Cyd   |
| 0210              | _ Basin Connection, Ductile Iron, CL 53 inch                  | 4027001 | 10.000    | Ft    |
| 0220              | _ Core and Boot 12 inch Sewer into Existing Manhole           | 4027050 | 2.000     | Ea    |
| 0230              | _ Dr Structure, Reconstruct                                   | 4037001 | 5.000     | Ft    |
| 0240              | _ Dr Structure Cover, Special                                 | 4037030 | 3,405.000 | Lb    |
| 0250              | _ Bulkhead, 12 inch   | 4037050 | 1.000     | Ea    |
| 0260              | _ Catch Basin, Det S-3  | 4037050 | 1.000     | Ea    |
| 0270              | _ Dr Structure Cover, Adj, Special                            | 4037050 | 9.000     | Ea    |



|      |   |         |            |      |
|------|---|---------|------------|------|
| 0280 | _ Drop Inlet, Det S-6A  | 4037050 | 1.000      | Ea   |
| 0290 | Cold Milling HMA Surface  | 5010002 | 1,572.000  | Syd  |
| 0300 | Hand Patching   | 5010025 | 50.000     | Ton  |
| 0310 | HMA, 4E1  | 5010050 | 173.000    | Ton  |
| 0320 | HMA, 5E1  | 5010056 | 1,241.000  | Ton  |
| 0330 | _ Temporary HMA Pavement  | 5017031 | 20.000     | Ton  |
| 0340 | Conc Pavt, Misc, Nonreinf, 8 inch                               | 6020054 | 43.000     | Syd  |
| 0350 | _ Concrete Collar for Culvert, 96 Inch                          | 7067050 | 2.000      | Ea   |
| 0360 | Driveway, Nonreinf Conc, 6 inch                                 | 8010005 | 226.000    | Syd  |
| 0370 | _ Curb and Gutter, Conc, Det P-5, Modified, 18 inch pan         | 8027001 | 649.000    | Ft   |
| 0380 | Curb Ramp Opening, Conc   | 8030030 | 80.000     | Ft   |
| 0390 | Sidewalk Ramp, Conc, 4 inch                                     | 8030034 | 150.000    | Sft  |
| 0400 | Sidewalk Ramp, Conc, 6 inch                                     | 8030036 | 225.000    | Sft  |
| 0410 | Sidewalk, Conc, 4 inch  | 8030044 | 4,990.000  | Sft  |
| 0420 | Sidewalk, Conc, 6 inch  | 8030046 | 435.000    | Sft  |
| 0430 | _ Detectable Warning Surface, Modified                          | 8037001 | 40.000     | Ft   |
| 0440 | Guardrail, Type B   | 8070000 | 1,289.000  | Ft   |
| 0450 | Guardrail, Curved, Type B                                       | 8070010 | 42.000     | Ft   |
| 0460 | Guardrail Approach Terminal, Type 2M                            | 8070044 | 1.000      | Ea   |
| 0470 | Guardrail Departing Terminal, Type MGS                          | 8070052 | 2.000      | Ea   |
| 0480 | Guardrail Reflector   | 8070080 | 30.000     | Ea   |
| 0490 | _ Fence, Temporary, Modified                                    | 8087001 | 200.000    | Ft   |
| 0500 | Rem Spec Mrkg   | 8110343 | 253.000    | Sft  |
| 0510 | Recessing Pavt Mrkg, Longit                                     | 8110450 | 21,365.000 | Ft   |
| 0520 | Recessing Pavt Mrkg, Transv                                     | 8110451 | 9,620.000  | Sft  |
| 0530 | Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White                 | 8110500 | 338.000    | Ft   |
| 0540 | Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White                 | 8110501 | 710.000    | Ft   |
| 0550 | Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow                | 8110504 | 9,250.000  | Ft   |
| 0560 | _ Pavt Mrkg, Polyurea, 24 Inch, Cross Hatching, White           | 8117001 | 340.000    | Ft   |
| 0570 | _ Pavt Mrkg, Wet Retrflec Poylurea, 24 inch, Stop Bar           | 8117001 | 80.000     | Ft   |
| 0580 | _ Pavt Mrkg, Preformed Thermoplastic, Bike Lane and Arrow Sym   | 8117050 | 12.000     | Ea   |
| 0590 | _ Pavt Mrkg, Wet Retrflec Poylurea, Rt or Lt Turn Arrow Sym     | 8117050 | 3.000      | Ea   |
| 0600 | Barricade, Type III, High Intensity, Lighted, Furn              | 8120022 | 20.000     | Ea   |
| 0610 | Barricade, Type III, High Intensity, Lighted, Oper              | 8120023 | 20.000     | Ea   |
| 0620 | Pedestrian Type II Barricade, Temp                              | 8120026 | 7.000      | Ea   |
| 0630 | Channelizing Device, 42 inch, Furn                              | 8120030 | 250.000    | Ea   |
| 0640 | Channelizing Device, 42 inch, Oper                              | 8120031 | 250.000    | Ea   |
| 0650 | Minor Traf Devices  | 8120170 | 1.000      | LSUM |
| 0660 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                    | 8120210 | 710.000    | Ft   |
| 0670 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem               | 8120211 | 80.000     | Ft   |
| 0680 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp  | 8120235 | 100.000    | Ft   |
| 0690 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 2,000.000  | Ft   |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0700 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 200.000   | Ft   |
| 0710 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 2,000.000 | Ft   |
| 0720 | Plastic Drum, High Intensity, Furn                            | 8120250 | 60.000    | Ea   |
| 0730 | Plastic Drum, High Intensity, Oper                            | 8120251 | 60.000    | Ea   |
| 0740 | Sign Cover  | 8120310 | 5.000     | Ea   |
| 0750 | Sign, Portable, Changeable Message, Furn                      | 8120330 | 2.000     | Ea   |
| 0760 | Sign, Portable, Changeable Message, Oper                      | 8120331 | 2.000     | Ea   |
| 0770 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 400.000   | Sft  |
| 0780 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 400.000   | Sft  |
| 0790 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0800 | _ Sign, Temporary Business, Operate                           | 8127050 | 7.000     | Ea   |
| 0810 | _ Dust Control  | 8127051 | 1.000     | LSUM |
| 0820 | Riprap, Heavy   | 8130005 | 4.000     | Syd  |
| 0830 | _ Sulfur Application  | 8157010 | 20.000    | Sft  |
| 0840 | _ Protect Tree  | 8157050 | 1.000     | Ea   |
| 0850 | _ Root Pruning  | 8157051 | 1.000     | LSUM |
| 0860 | _ Turf Establishment  | 8167011 | 1,800.000 | Syd  |
| 0870 | _ Turf Watering   | 8167050 | 10.000    | Ea   |
| 0880 | _ Weed Control  | 8167050 | 10.000    | Ea   |
| 0890 | Monument Preservation   | 8210010 | 1.000     | Ea   |
| 0900 | _ Valve Box, Adjust   | 8237050 | 7.000     | Ea   |
| 0910 | _ Valve Box, Furnish  | 8237050 | 7.000     | Ea   |
| 0920 | _ Modular Block Retaining Wall                                | 8507010 | 2,575.000 | Sft  |
| 0930 | _ Underground Sprinkling Systems, Restore                     | 8507060 | 4,000.000 | Dir  |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 057

**Letting Date:** June 7, 2019

**Contract ID:** 33000-203409

**Description:** Traffic signal upgrades including optimization equipment and pavement markings on Lake Lansing Road at Coolidge Road in the city of East Lansing, Ingham County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 203409A        | 1900730                | N/A                 | CM 33000        |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$52,000.00                              | 1500001 | 1.000     | LSUM  |
| 0020              | Curb and Gutter, Rem                                       | 2040020 | 46.000    | Ft    |
| 0030              | Sidewalk, Rem  | 2040055 | 125.000   | Syd   |
| 0040              | Exploratory Investigation, Vertical                        | 2040080 | 50.000    | Ft    |
| 0050              | Excavation, Earth  | 2050016 | 48.000    | Cyd   |
| 0060              | Erosion Control, Silt Fence                                | 2080036 | 100.000   | Ft    |
| 0070              | _ Erosion Control, Inlet Protection, Fabric Drop, Modified | 2087050 | 9.000     | Ea    |
| 0080              | _ Aggregate Base, 8 inch, CIP, Modified                    | 3027011 | 16.000    | Syd   |
| 0090              | HMA Surface, Rem   | 5010005 | 6.000     | Syd   |
| 0100              | Hand Patching  | 5010025 | 3.000     | Ton   |
| 0110              | _ Pedestrian Path, Temp                                    | 8007001 | 100.000   | Ft    |
| 0120              | _ Pedestrian Ramp, Temp                                    | 8007050 | 4.000     | Ea    |
| 0130              | Curb and Gutter, Conc, Det F4                              | 8020038 | 30.000    | Ft    |
| 0140              | Curb Ramp Opening, Conc                                    | 8030030 | 17.000    | Ft    |
| 0150              | _ Detectable Warning Surface, Modified                     | 8037010 | 171.000   | Sft   |
| 0160              | _ Sidewalk, Conc, 6 inch, Modified                         | 8037010 | 1,170.000 | Sft   |
| 0170              | Post, Steel, 3 lb  | 8100371 | 60.000    | Ft    |
| 0180              | Sign, Type IIIB  | 8100405 | 18.000    | Sft   |
| 0190              | Pavt Mrkg, Thermopl, 12 inch, Crosswalk                    | 8110214 | 522.000   | Ft    |
| 0200              | Pavt Mrkg, Thermopl, 24 inch, Stop Bar                     | 8110218 | 120.000   | Ft    |
| 0210              | Pavt Mrkg, Waterborne, 4 inch, White                       | 8110231 | 111.000   | Ft    |
| 0220              | Pavt Mrkg, Waterborne, 4 inch, Yellow                      | 8110232 | 200.000   | Ft    |
| 0230              | _ Pavt Mrkg, Preformed Thermoplastic, Lt Turn Arrow Sym    | 8117050 | 2.000     | Ea    |
| 0240              | _ Pavt Mrkg, Preformed Thermoplastic, Rt Turn Arrow Sym    | 8117050 | 2.000     | Ea    |
| 0250              | Barricade, Type III, High Intensity, Lighted, Furn         | 8120022 | 4.000     | Ea    |
| 0260              | Barricade, Type III, High Intensity, Lighted, Oper         | 8120023 | 4.000     | Ea    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0270 | Pedestrian Type II Barricade, Temp                         | 8120026 | 4.000      | Ea   |
| 0280 | Pedestrian Type II Channelizer, Temp                       | 8120027 | 50.000     | Ft   |
| 0290 | Lighted Arrow, Type C, Furn                                | 8120140 | 4.000      | Ea   |
| 0300 | Lighted Arrow, Type C, Oper                                | 8120141 | 4.000      | Ea   |
| 0310 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0320 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem               | 8120210 | 616.000    | Ft   |
| 0330 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem          | 8120211 | 50.000     | Ft   |
| 0340 | Plastic Drum, High Intensity, Furn                         | 8120250 | 70.000     | Ea   |
| 0350 | Plastic Drum, High Intensity, Oper                         | 8120251 | 70.000     | Ea   |
| 0360 | Sign, Type B, Temp, Prismatic, Furn                        | 8120350 | 936.000    | Sft  |
| 0370 | Sign, Type B, Temp, Prismatic, Oper                        | 8120351 | 936.000    | Sft  |
| 0380 | Traf Regulator Control                                     | 8120370 | 1.000      | LSUM |
| 0390 | _ Slope Restoration, Modified                              | 8167051 | 1.000      | LSUM |
| 0400 | Conduit, DB, 1, 1 1/2 inch                                 | 8190027 | 94.000     | Ft   |
| 0410 | Conduit, DB, 1, 3 inch                                     | 8190029 | 66.000     | Ft   |
| 0420 | Conduit, DB, 3, 3 inch                                     | 8190035 | 65.000     | Ft   |
| 0430 | Conduit, DB, 4, 3 inch                                     | 8190038 | 24.000     | Ft   |
| 0440 | Hh, Round, 3 foot dia                                      | 8190259 | 2.000      | Ea   |
| 0450 | Hh, Round  | 8190260 | 6.000      | Ea   |
| 0460 | Case Sign (LED), One Way, 24 inch by 30 inch               | 8200029 | 3.000      | Ea   |
| 0470 | Controller and Cabinet, Digital Type                       | 8200031 | 2.000      | Ea   |
| 0480 | Controller Fdn, Base Mount                                 | 8200045 | 2.000      | Ea   |
| 0490 | Global Positioning System Module                           | 8200050 | 5.000      | Ea   |
| 0500 | Pedestal, Alum   | 8200100 | 1.000      | Ea   |
| 0510 | Pedestal, Fdn  | 8200105 | 3.000      | Ea   |
| 0520 | Pedestal, Underground Serv, Unmetered                      | 8200112 | 2.000      | Ea   |
| 0530 | Power Co. (Est. Cost to Contractor)                        | 8200116 | 15,327.000 | Dir  |
| 0540 | Pushbutton and Sign  | 8200121 | 6.000      | Ea   |
| 0550 | Serv Disconnect  | 8200135 | 2.000      | Ea   |
| 0560 | Span Wire  | 8200140 | 8.000      | Ea   |
| 0570 | Span Wire Tether   | 8200142 | 4.000      | Ea   |
| 0580 | TS, One Way Span Wire Mtd (LED)                            | 8200313 | 16.000     | Ea   |
| 0590 | TS, Pedestrian, One Way Bracket Arm Mtd (LED)<br>Countdown | 8200336 | 4.000      | Ea   |
| 0600 | TS, Pedestrian, Two Way Bracket Arm Mtd (LED)<br>Countdown | 8200339 | 2.000      | Ea   |
| 0610 | Bracket, Truss, With 18 Foot Arm                           | 8200378 | 5.000      | Ea   |
| 0620 | Hemispherical Video Detection Camera                       | 8200444 | 5.000      | Ea   |
| 0630 | Hemispherical Video Detection System                       | 8200445 | 5.000      | Ea   |
| 0640 | Strain Pole, Steel, 6 bolt, 30 foot                        | 8200460 | 8.000      | Ea   |
| 0650 | Strain Pole Fdn, 6 Bolt                                    | 8200470 | 117.000    | Ft   |
| 0660 | Casing   | 8200480 | 59.000     | Ft   |
| 0670 | Backplate, TS  | 8200501 | 8.000      | Ea   |
| 0680 | _ Optical and GPS Priority Control System                  | 8207050 | 3.000      | Ea   |
| 0690 | Gate Box, Adj, Case 1                                      | 8230431 | 1.000      | Ea   |

|      |  |         |       |      |
|------|--|---------|-------|------|
| 0700 | Contractor Staking, Road Only                | 8240007 | 1.000 | LSUM |
| 0710 | Staking Plan Errors and Extras, One Person   | 8240020 | 5.000 | Hr   |
| 0720 | Staking Plan Errors and Extras, Two Person   | 8240021 | 2.000 | Hr   |
| 0730 | Staking Plan Errors and Extras, Three Person | 8240022 | 3.000 | Hr   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 058

**Letting Date:** June 7, 2019

**Contract ID:** 54436-133179

**Description:** 1.00 mi of hot mix asphalt resurfacing, concrete curb and gutter, signing and pavement markings on 15 Mile Road from 215th Avenue east to 205th Avenue, Mecosta County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 133179A        | 1900747                | N/A                 | STUL 54436      |

**List of Items by Section**

| Line Num          | Item Description                                | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$48,100.00                   | 1500001 | 1.000      | LSUM  |
| 0020              | _ Clearing, Modified                            | 2017002 | 14.000     | Sta   |
| 0030              | Curb and Gutter, Rem                            | 2040020 | 36.000     | Ft    |
| 0040              | Embankment, CIP                                 | 2050010 | 30.000     | Cyd   |
| 0050              | Excavation, Earth                               | 2050016 | 2,510.000  | Cyd   |
| 0060              | Erosion Control, Inlet Protection, Fabric Drop  | 2080020 | 4.000      | Ea    |
| 0070              | Erosion Control, Silt Fence                     | 2080036 | 4,600.000  | Ft    |
| 0080              | Subbase, CIP                                    | 3010002 | 257.000    | Cyd   |
| 0090              | Aggregate Base                                  | 3020001 | 483.000    | Ton   |
| 0100              | HMA Base Crushing and Shaping                   | 3050002 | 20,298.000 | Syd   |
| 0110              | Material, Surplus and Unsuitable, Rem, LM       | 3050010 | 199.000    | Cyd   |
| 0120              | Salv Crushed Material, LM                       | 3050015 | 2,567.000  | Cyd   |
| 0130              | Maintenance Gravel, LM                          | 3060021 | 50.000     | Cyd   |
| 0140              | Shoulder, CI II                                 | 3070121 | 441.000    | Ton   |
| 0150              | Trenching                                       | 3070200 | 21.000     | Sta   |
| 0160              | Dr Structure Cover, Adj, Case 1                 | 4030005 | 1.000      | Ea    |
| 0170              | HMA Surface, Rem                                | 5010005 | 162.000    | Syd   |
| 0180              | HMA, 4E1  | 5010050 | 4,631.000  | Ton   |
| 0190              | HMA Approach                                    | 5010061 | 27.000     | Ton   |
| 0200              | Curb and Gutter, Conc, Det F4                   | 8020038 | 36.000     | Ft    |
| 0210              | Post, Mailbox                                   | 8070095 | 1.000      | Ea    |
| 0220              | Post, Steel, 3 lb                               | 8100371 | 937.000    | Ft    |
| 0230              | Sign, Type III, Erect, Salv                     | 8100402 | 11.000     | Ea    |
| 0240              | Sign, Type III, Rem                             | 8100403 | 56.000     | Ea    |
| 0250              | Sign, Type IIIA                                 | 8100404 | 59.000     | Sft   |
| 0260              | Sign, Type IIIB                                 | 8100405 | 139.000    | Sft   |
| 0270              | Sign, Type VB                                   | 8100425 | 22.000     | Sft   |
| 0280              | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 8110024 | 60.000     | Ft    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0290 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 25.000     | Ft   |
| 0300 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 3.000      | Ea   |
| 0310 | Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym         | 8110076 | 2.000      | Ea   |
| 0320 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 10,697.000 | Ft   |
| 0330 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 8,399.000  | Ft   |
| 0340 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 6.000      | Ea   |
| 0350 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 6.000      | Ea   |
| 0360 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea   |
| 0370 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea   |
| 0380 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0390 | Plastic Drum, High Intensity, Furn                               | 8120250 | 30.000     | Ea   |
| 0400 | Plastic Drum, High Intensity, Oper                               | 8120251 | 30.000     | Ea   |
| 0410 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 420.000    | Sft  |
| 0420 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 420.000    | Sft  |
| 0430 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 72.000     | Sft  |
| 0440 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 72.000     | Sft  |
| 0450 | Traf Regulator Control   | 8120370 | 1.000      | LSUM |
| 0460 | Slope Restoration, Type A  | 8160100 | 3,000.000  | Syd  |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 059

**Letting Date:** June 7, 2019

**Contract ID:** 71000-202272

**Description:** 1.50 mi of hot mix asphalt resurfacing, culverts, signing and pavement markings on County Road 451 from Noffze Highway north to County Road 638, Presque Isle County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202272A        | 1900755                | N/A                 | STL 71000       |

**List of Items by Section**

| Line Num          | Item Description                          | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$47,200.00             | 1500001 | 1.000      | LSUM  |
| 0020              | Culv, Rem, Less than 24 inch              | 2030001 | 4.000      | Ea    |
| 0030              | Culv, Rem, 24 inch to 48 inch             | 2030002 | 2.000      | Ea    |
| 0040              | Ditch Cleanout                            | 2050006 | 5.000      | Sta   |
| 0050              | Embankment, CIP                           | 2050010 | 100.000    | Cyd   |
| 0060              | Excavation, Earth                         | 2050016 | 100.000    | Cyd   |
| 0070              | Erosion Control, Silt Fence               | 2080036 | 240.000    | Ft    |
| 0080              | Aggregate Base, Conditioning              | 3020050 | 788.000    | Syd   |
| 0090              | _ Aggregate Base, Modified                | 3027031 | 4,359.000  | Ton   |
| 0100              | _ HMA Base Crushing and Shaping, Modified | 3057011 | 16,971.000 | Syd   |
| 0110              | Maintenance Gravel                        | 3060020 | 95.000     | Ton   |
| 0120              | Approach, CI II                           | 3070021 | 158.000    | Ton   |
| 0130              | Shoulder, CI II                           | 3070121 | 765.000    | Ton   |
| 0140              | _ Trenching, Modified                     | 3077002 | 154.000    | Sta   |
| 0150              | Culv End Sect, 18 inch                    | 4010018 | 2.000      | Ea    |
| 0160              | Culv, CI A, 18 inch                       | 4010133 | 127.000    | Ft    |
| 0170              | Culv, CI A, 24 inch                       | 4010134 | 135.000    | Ft    |
| 0180              | Culv, CI E, 18 inch                       | 4010541 | 49.000     | Ft    |
| 0190              | Culv, CI F, 12 inch                       | 4010607 | 46.000     | Ft    |
| 0200              | Video Taping Sewer and Culv Pipe          | 4021275 | 311.000    | Ft    |
| 0210              | HMA Surface, Rem                          | 5010005 | 1,058.000  | Syd   |
| 0220              | Hand Patching                             | 5010025 | 45.000     | Ton   |
| 0230              | HMA, 3C                                   | 5010031 | 1,890.000  | Ton   |
| 0240              | HMA, 4C                                   | 5010032 | 1,890.000  | Ton   |
| 0250              | HMA Approach                              | 5010061 | 253.000    | Ton   |
| 0260              | Post, Mailbox                             | 8070095 | 1.000      | Ea    |
| 0270              | Post, Steel, 3 lb                         | 8100371 | 390.000    | Ft    |
| 0280              | Sign, Type III, Rem                       | 8100403 | 16.000     | Ea    |



|      |   |         |            |      |
|------|---|---------|------------|------|
| 0290 | Sign, Type IIIB   | 8100405 | 60.000     | Sft  |
| 0300 | Reflective Panel for Permanent Sign Support, 6 foot           | 8100616 | 14.000     | Ea   |
| 0310 | _ Sign, Type IIIA, Modified                                   | 8107010 | 64.000     | Sft  |
| 0320 | Pavt Mrkg, Regular Dry, 4 inch, White                         | 8110125 | 69,028.000 | Ft   |
| 0330 | Pavt Mrkg, Regular Dry, 4 inch, Yellow                        | 8110126 | 10,164.000 | Ft   |
| 0340 | Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow       | 8110134 | 10,164.000 | Ft   |
| 0350 | Recessing Pavt Mrkg, Longit                                   | 8110450 | 10,164.000 | Ft   |
| 0360 | Barricade, Type III, High Intensity, Lighted, Furn            | 8120022 | 2.000      | Ea   |
| 0370 | Barricade, Type III, High Intensity, Lighted, Oper            | 8120023 | 2.000      | Ea   |
| 0380 | Lighted Arrow, Type C, Furn                                   | 8120140 | 2.000      | Ea   |
| 0390 | Lighted Arrow, Type C, Oper                                   | 8120141 | 2.000      | Ea   |
| 0400 | Minor Traf Devices  | 8120170 | 1.000      | LSUM |
| 0410 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp                | 8120231 | 814.000    | Ft   |
| 0420 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 814.000    | Ft   |
| 0430 | Plastic Drum, High Intensity, Furn                            | 8120250 | 40.000     | Ea   |
| 0440 | Plastic Drum, High Intensity, Oper                            | 8120251 | 40.000     | Ea   |
| 0450 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 390.000    | Sft  |
| 0460 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 390.000    | Sft  |
| 0470 | Traf Regulator Control  | 8120370 | 1.000      | LSUM |
| 0480 | _ Slope Restoration   | 8167011 | 2,746.000  | Syd  |

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 060**Letting Date:** June 7, 2019**Contract ID:** 25000-202108

**Description:** 0.22 mi of road grade correction including hot mix asphalt resurfacing, drainage, culvert, sewer and pavement markings on Potter Road at Huron & Eastern Railway, Genesee County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202108A        | 1800959                | N/A                 | STRH 25000      |

**List of Items by Section**

| Line Num          | Item Description                           | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$17,800.00              | 1500001 | 1.000     | LSUM  |
| 0020              | Stump, Rem, 6 inch to 18 inch              | 2020008 | 4.000     | Ea    |
| 0030              | Culv, Rem, Less than 24 inch               | 2030001 | 6.000     | Ea    |
| 0040              | Masonry and Conc Structure, Rem            | 2040045 | 2.000     | Cyd   |
| 0050              | _ Pavt, Rem, Modified                      | 2047011 | 1,700.000 | Syd   |
| 0060              | Embankment, CIP                            | 2050010 | 882.000   | Cyd   |
| 0070              | Excavation, Earth                          | 2050016 | 201.000   | Cyd   |
| 0080              | _ Subgrade Undercutting, Type II, Modified | 2057021 | 50.000    | Cyd   |
| 0090              | Erosion Control, Silt Fence                | 2080036 | 300.000   | Ft    |
| 0100              | _ Aggregate Base, Modified                 | 3027031 | 1,191.000 | Ton   |
| 0110              | _ Maintenance Gravel, Modified             | 3027031 | 50.000    | Ton   |
| 0120              | _ Approach, CI II, Modified                | 3077031 | 55.000    | Ton   |
| 0130              | _ Shoulder, CI II, Modified                | 3077031 | 153.000   | Ton   |
| 0140              | Culv, CI A, CSP, 48 inch                   | 4010206 | 55.000    | Ft    |
| 0150              | Culv, CI F, CSP, 12 inch                   | 4010675 | 104.000   | Ft    |
| 0160              | Dr Marker Post                             | 4011109 | 2.000     | Ea    |
| 0170              | Sewer, CI A, 18 inch, Tr Det B             | 4020035 | 21.000    | Ft    |
| 0180              | Sewer, CI A, 24 inch, Tr Det B             | 4020036 | 100.000   | Ft    |
| 0190              | Dr Structure Cover, Type B                 | 4030010 | 2.000     | Ea    |
| 0200              | Dr Structure, 48 inch dia                  | 4030210 | 2.000     | Ea    |
| 0210              | HMA, 13A                                   | 5010033 | 576.000   | Ton   |
| 0220              | _ HMA Residential Approach                 | 5017011 | 40.000    | Syd   |
| 0230              | Guardrail, Type MGS-8                      | 8070004 | 188.000   | Ft    |
| 0240              | Guardrail Approach Terminal, Type 2M       | 8070044 | 4.000     | Ea    |
| 0250              | Guardrail Reflector                        | 8070080 | 20.000    | Ea    |
| 0260              | Post, Mailbox                              | 8070095 | 3.000     | Ea    |
| 0270              | Post, Steel, 3 lb                          | 8100371 | 28.000    | Ft    |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0280 | Sign, Type III, Rem  | 8100403 | 4.000     | Ea   |
| 0290 | Sign, Type IIIB  | 8100405 | 15.000    | Sft  |
| 0300 | Reflective Panel for Permanent Sign Support, 6 foot              | 8100616 | 2.000     | Ea   |
| 0310 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 66.000    | Ft   |
| 0320 | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym                       | 8110069 | 2.000     | Ea   |
| 0330 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 2,280.000 | Ft   |
| 0340 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 1,742.000 | Ft   |
| 0350 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 2,280.000 | Ft   |
| 0360 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 1,742.000 | Ft   |
| 0370 | Rem Spec Mrkg  | 8110343 | 208.000   | Sft  |
| 0380 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 12.000    | Ea   |
| 0390 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 12.000    | Ea   |
| 0400 | Minor Traf Devices   | 8120170 | 1.000     | LSUM |
| 0410 | Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp                    | 8120230 | 500.000   | Ft   |
| 0420 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp                   | 8120231 | 1,000.000 | Ft   |
| 0430 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 100.000   | Ea   |
| 0440 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 100.000   | Ea   |
| 0450 | Sign Cover   | 8120310 | 5.000     | Ea   |
| 0460 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 356.000   | Sft  |
| 0470 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 356.000   | Sft  |
| 0480 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 155.000   | Sft  |
| 0490 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 155.000   | Sft  |
| 0500 | Ditch, Plain Cobble  | 8140005 | 78.000    | Syd  |
| 0510 | _ Turf Establishment, Performance                                | 8167011 | 1,810.000 | Syd  |
| 0520 | _ Railroad Protection, At Grade Crossing                         | 8507060 | 7,500.000 | Dir  |



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AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 061

**Letting Date:** June 7, 2019

**Contract ID:** 48141-130401

**Description:** Application of pavement markings on various routes, Luce County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 130401A        | 1900745                | N/A                 | STL 48141       |

**List of Items by Section**

| Line Num          | Item Description                       | Item ID | Quantity    | Units |
|-------------------|--|---------|-------------|-------|
| <b>Section: 1</b> |  |         |             |       |
| 0010              | Mobilization, Max \$5,000.00           | 1500001 | 1.000       | LSUM  |
| 0020              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | 8110114 | 216.000     | Ft    |
| 0030              | Pavt Mrkg, Waterborne, 4 inch, White   | 8110231 | 556,720.000 | Ft    |
| 0040              | Pavt Mrkg, Waterborne, 4 inch, Yellow  | 8110232 | 372,200.000 | Ft    |
| 0050              | Pavt Mrkg, Polyurea, Railroad Sym      | 8110411 | 6.000       | Ea    |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 062

**Letting Date:** June 7, 2019

**Contract ID:** 63000-132743

**Description:** 1.92 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer and pavement markings on West 14 Mile Road from Greenfield Road to Crooks Road in the cities of Royal Oak and Birmingham, Oakland County. This is a Local Agency project.

**Project Information**

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

**List of Items by Section**

| Line Num          | Item Description                                 | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$309,000.00                   | 1500001 | 1.000      | LSUM  |
| 0020              | Dr Structure, Abandon                            | 2030010 | 3.000      | Ea    |
| 0030              | Dr Structure, Rem                                | 2030011 | 3.000      | Ea    |
| 0040              | Pavt, Rem  | 2040050 | 1,157.000  | Syd   |
| 0050              | Sidewalk, Rem                                    | 2040055 | 1,965.000  | Syd   |
| 0060              | _ Curb and Gutter, Rem, Modified                 | 2047001 | 6,755.000  | Ft    |
| 0070              | _ Pavt, Rem, Modified                            | 2047011 | 3,138.000  | Syd   |
| 0080              | _ Impact Attenuator, Removal and Disposal        | 2047050 | 2.000      | Ea    |
| 0090              | Excavation, Earth                                | 2050016 | 957.000    | Cyd   |
| 0100              | Subgrade Undercutting, Type I                    | 2050040 | 237.000    | Cyd   |
| 0110              | _ Erosion Control, Silt Sack, Modified           | 2087050 | 92.000     | Ea    |
| 0120              | _ Aggregate Base, 4 Inch, Modified               | 3027011 | 2,518.000  | Syd   |
| 0130              | _ Aggregate Base, 6 Inch, Modified               | 3027011 | 7,145.000  | Syd   |
| 0140              | _ Aggregate Surface, Temp                        | 3067031 | 180.000    | Ton   |
| 0150              | _ Sewer, 8 to 12 inch Catch Basin Lead, Tr Det B | 4027001 | 24.000     | Ft    |
| 0160              | Dr Structure Cover, Adj, Case 1                  | 4030005 | 123.000    | Ea    |
| 0170              | Dr Structure Cover, Adj, Case 2                  | 4030006 | 3.000      | Ea    |
| 0180              | Dr Structure, Adj, Add Depth                     | 4030280 | 15.000     | Ft    |
| 0190              | Dr Structure, Cleaning                           | 4030290 | 121.000    | Ea    |
| 0200              | Dr Structure, Tap, 8 inch                        | 4030308 | 2.000      | Ea    |
| 0210              | Dr Structure, Temp Lowering                      | 4030390 | 80.000     | Ea    |
| 0220              | _ Dr Structure Cover, Modified                   | 4037050 | 128.000    | Ea    |
| 0230              | Pavt, Cleaning                                   | 5010001 | 1.000      | LSUM  |
| 0240              | Cold Milling HMA Surface                         | 5010002 | 62,281.000 | Syd   |
| 0250              | HMA Surface, Rem                                 | 5010005 | 2,196.000  | Syd   |

|      |  |         |            |     |
|------|--|---------|------------|-----|
| 0260 | Pavt for Butt Joints, Rem  | 5010008 | 535.000    | Syd |
| 0270 | Edge Trimming  | 5010009 | 299.000    | Ft  |
| 0280 | Joint and Crack, Cleanout  | 5010015 | 1,875.000  | Ft  |
| 0290 | Pavt Joint and Crack Repr, Det 7                                 | 5010020 | 1,675.000  | Ft  |
| 0300 | Pavt Joint and Crack Repr, Det 8                                 | 5010021 | 2,125.000  | Ft  |
| 0310 | Hand Patching  | 5010025 | 115.000    | Ton |
| 0320 | HMA, 4E10  | 5010052 | 9,015.000  | Ton |
| 0330 | HMA, 5E10  | 5010058 | 5,395.000  | Ton |
| 0340 | _ HMA for Patching, Temp   | 5017031 | 103.000    | Ton |
| 0350 | _ Conc Base Cse, Nonreinf, 9 inch, Modified                      | 6027011 | 3,838.000  | Syd |
| 0360 | _ Conc Pavt with Integral Curb, Nonreinf, 7 inch, Modified       | 6027011 | 1,413.000  | Syd |
| 0370 | Cold Milling Conc Pavt   | 6030014 | 640.000    | Syd |
| 0380 | Lane Tie, Epoxy Anchored   | 6030030 | 2,170.000  | Ea  |
| 0390 | Driveway, Nonreinf Conc, 6 inch                                  | 8010005 | 408.000    | Syd |
| 0400 | Driveway, Nonreinf Conc, 8 inch                                  | 8010007 | 110.000    | Syd |
| 0410 | _ Curb and Gutter, Conc, Det B3, Modified                        | 8027001 | 252.000    | Ft  |
| 0420 | _ Curb and Gutter, Conc, Det F3 or F4, Modified                  | 8027001 | 7,287.000  | Ft  |
| 0430 | Curb Ramp Opening, Conc  | 8030030 | 473.000    | Ft  |
| 0440 | Steps, Conc  | 8030100 | 2.000      | Cyd |
| 0450 | _ Detectable Warning Surface, Modified                           | 8037001 | 376.000    | Ft  |
| 0460 | _ Sidewalk Ramp, Conc, 6 inch, Modified                          | 8037010 | 2,114.000  | Sft |
| 0470 | _ Sidewalk Ramp, Conc, 8 inch, Modified                          | 8037010 | 1,881.000  | Sft |
| 0480 | _ Sidewalk, Conc, 4 inch, Modified                               | 8037010 | 10,606.000 | Sft |
| 0490 | _ Sidewalk, Conc, 6 inch, Modified                               | 8037010 | 686.000    | Sft |
| 0500 | _ Sidewalk, Conc, 8 inch, Modified                               | 8037010 | 611.000    | Sft |
| 0510 | _ Impact Attenuator, TL-2, Furn and Install, Type 3              | 8077050 | 2.000      | Ea  |
| 0520 | Post Hole Through Conc for Steel Post                            | 8100340 | 2.000      | Ea  |
| 0530 | Post, Steel, 3 lb  | 8100371 | 28.000     | Ft  |
| 0540 | Sign, Type IIIA  | 8100404 | 4.000      | Sft |
| 0550 | Sign, Type IIIB  | 8100405 | 10.000     | Sft |
| 0560 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 20.000     | Ea  |
| 0570 | Pavt Mrkg, Ovly Cold Plastic, Only                               | 8110068 | 27.000     | Ea  |
| 0580 | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 3.000      | Ea  |
| 0590 | Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym                     | 8110078 | 4.000      | Ea  |
| 0600 | Pavt Mrkg, Polyurea, 4 inch, White                               | 8110091 | 7,644.000  | Ft  |
| 0610 | Pavt Mrkg, Polyurea, 4 inch, Yellow                              | 8110092 | 24,938.000 | Ft  |
| 0620 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk                           | 8110093 | 292.000    | Ft  |
| 0630 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White               | 8110108 | 133.000    | Ft  |
| 0640 | Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow              | 8110109 | 1,073.000  | Ft  |
| 0650 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                           | 8110114 | 731.000    | Ft  |
| 0660 | Rem Spec Mrkg  | 8110343 | 2,035.000  | Sft |
| 0670 | _ Pavt Mrkg, Polyurea, 24 inch, Crosswalk                        | 8117001 | 1,420.000  | Ft  |
| 0680 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 115.000    | Ea  |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0690 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 115.000    | Ea   |
| 0700 | Pedestrian Type II Barricade, Temp                               | 8120026 | 40.000     | Ea   |
| 0710 | Channelizing Device, 42 inch, Furn                               | 8120030 | 40.000     | Ea   |
| 0720 | Channelizing Device, 42 inch, Oper                               | 8120031 | 40.000     | Ea   |
| 0730 | Lighted Arrow, Type B, Furn                                      | 8120130 | 5.000      | Ea   |
| 0740 | Lighted Arrow, Type B, Oper                                      | 8120131 | 5.000      | Ea   |
| 0750 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0760 | Pavt Mrkg Cover, Type R, Black                                   | 8120200 | 1,830.000  | Ft   |
| 0770 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 22,189.000 | Ft   |
| 0780 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem                | 8120211 | 349.000    | Ft   |
| 0790 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp   | 8120235 | 8,568.000  | Ft   |
| 0800 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp  | 8120236 | 53,440.000 | Ft   |
| 0810 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 1,310.000  | Ft   |
| 0820 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 3,434.000  | Ft   |
| 0830 | Plastic Drum, High Intensity, Furn                               | 8120250 | 1,001.000  | Ea   |
| 0840 | Plastic Drum, High Intensity, Oper                               | 8120251 | 1,001.000  | Ea   |
| 0850 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar       | 8120265 | 438.000    | Ft   |
| 0860 | Sign, Portable, Changeable Message, Furn                         | 8120330 | 7.000      | Ea   |
| 0870 | Sign, Portable, Changeable Message, Oper                         | 8120331 | 7.000      | Ea   |
| 0880 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,680.000  | Sft  |
| 0890 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 1,680.000  | Sft  |
| 0900 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 474.000    | Sft  |
| 0910 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 474.000    | Sft  |
| 0920 | Traf Regulator Control   | 8120370 | 1.000      | LSUM |
| 0930 | _ Railroad Inspection and Flagging                               | 8127060 | 50,000.000 | Dlr  |
| 0940 | _ Railroad Protection  | 8127060 | 50,000.000 | Dlr  |
| 0950 | Fertilizer, Chemical Nutrient, CI A                              | 8160020 | 21.000     | Lb   |
| 0960 | Mulch Blanket  | 8160027 | 1,939.000  | Syd  |
| 0970 | Seeding, Mixture TUF   | 8160042 | 90.000     | Lb   |
| 0980 | Sodding  | 8160055 | 120.000    | Syd  |
| 0990 | Topsoil Surface, Furn, 3 inch                                    | 8160061 | 1,939.000  | Syd  |
| 1000 | Water, Sodding/Seeding   | 8160090 | 645.000    | Unit |
| 1010 | Case Sign Panel  | 8200003 | 1.000      | Ea   |
| 1020 | Case Sign Panel, Rem   | 8200004 | 1.000      | Ea   |
| 1030 | TS, Span Wire Mtd, Rem   | 8200182 | 4.000      | Ea   |
| 1040 | TS, One Way Span Wire Mtd, Salv                                  | 8200191 | 4.000      | Ea   |
| 1050 | TS Head, Adj   | 8200452 | 11.000     | Ea   |
| 1060 | TS Head, Temp  | 8200453 | 9.000      | Ea   |
| 1070 | TS Face, Bag   | 8200458 | 26.000     | Ea   |
| 1080 | TS Face, Bag, Rem  | 8200459 | 28.000     | Ea   |
| 1090 | Monument Box Adjust  | 8210005 | 8.000      | Ea   |

|      |  |         |        |      |
|------|--|---------|--------|------|
| 1100 | Monument Preservation                        | 8210010 | 8.000  | Ea   |
| 1110 | Hydrant, Rem                                 | 8230091 | 1.000  | Ea   |
| 1120 | Gate Box, Adj, Temp, Case 1                  | 8230391 | 25.000 | Ea   |
| 1130 | Gate Box, Adj, Case 1                        | 8230431 | 25.000 | Ea   |
| 1140 | _ Fire Hydrant, Modified                     | 8237050 | 1.000  | Ea   |
| 1150 | _ Gate Box, Reconst, Case 1, Modified        | 8237050 | 3.000  | Ea   |
| 1160 | _ Gate Well Cover, Adj, Case 1               | 8237050 | 12.000 | Ea   |
| 1170 | _ Gate Well Cover, Adj, Temp, Case 1         | 8237050 | 12.000 | Ea   |
| 1180 | _ Water Shutoff, Reconst, Case 1, Modified   | 8237050 | 3.000  | Ea   |
| 1190 | Contractor Staking, Road Only                | 8240007 | 1.000  | LSUM |
| 1200 | Staking Plan Errors and Extras, One Person   | 8240020 | 3.000  | Hr   |
| 1210 | Staking Plan Errors and Extras, Two Person   | 8240021 | 3.000  | Hr   |
| 1220 | Staking Plan Errors and Extras, Three Person | 8240022 | 3.000  | Hr   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 063

**Letting Date:** June 7, 2019

**Contract ID:** 61000-130491

**Description:** 5.06 mi of hot mix asphalt cold-in-place recycling, cold milling and resurfacing, concrete curb and gutter, drainage, aggregate shoulders and approach work on Giles Road from Scenic Drive east to Whitehall Road, Muskegon County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 130491A        | 1801132                | N/A                 | STL 61000       |
| 130781A        | 1900538                | N/A                 | STL 61000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$203,000.00                 | 1500001 | 1.000     | LSUM  |
| 0020              | Culv, Rem, Less than 24 inch                   | 2030001 | 4.000     | Ea    |
| 0030              | Dr Structure, Rem                              | 2030011 | 1.000     | Ea    |
| 0040              | Curb and Gutter, Rem                           | 2040020 | 1,620.000 | Ft    |
| 0050              | Pavt, Rem                                      | 2040050 | 114.000   | Syd   |
| 0060              | Embankment, CIP                                | 2050010 | 218.000   | Cyd   |
| 0070              | Excavation, Earth                              | 2050016 | 1,413.000 | Cyd   |
| 0080              | Machine Grading                                | 2050030 | 376.000   | Sta   |
| 0090              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 1.000     | Ea    |
| 0100              | Erosion Control, Silt Fence                    | 2080036 | 800.000   | Ft    |
| 0110              | Subbase, CIP                                   | 3010002 | 28.000    | Cyd   |
| 0120              | Aggregate Base                                 | 3020001 | 1,209.000 | Ton   |
| 0130              | Aggregate Base, LM                             | 3020002 | 454.000   | Cyd   |
| 0140              | Approach, CI I                                 | 3070001 | 261.000   | Ton   |
| 0150              | Shoulder, CI I                                 | 3070101 | 1,988.000 | Ton   |
| 0160              | Culv End Sect, Conc, 18 inch                   | 4010049 | 2.000     | Ea    |
| 0170              | Culv, CI E, Conc, 15 inch                      | 4010574 | 103.000   | Ft    |
| 0180              | Culv, CI E, Conc, 18 inch                      | 4010575 | 88.000    | Ft    |
| 0190              | Dr Structure Cover, Adj, Case 1                | 4030005 | 17.000    | Ea    |
| 0200              | Dr Structure Cover, Type G                     | 4030040 | 1.000     | Ea    |
| 0210              | Dr Structure, 48 inch dia                      | 4030210 | 1.000     | Ea    |
| 0220              | Dr Structure, Temp Lowering                    | 4030390 | 17.000    | Ea    |
| 0230              | Underdrain, Subgrade, Open-Graded, 6 inch      | 4040083 | 1,180.000 | Ft    |
| 0240              | Underdrain Outlet, 6 inch                      | 4040093 | 30.000    | Ft    |
| 0250              | Underdrain, Outlet Ending, 6 inch              | 4040113 | 2.000     | Ea    |
| 0260              | Cold Milling HMA Surface                       | 5010002 | 9,756.000 | Syd   |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0270 | HMA Surface, Rem   | 5010005 | 7,536.000  | Syd  |
| 0280 | Hand Patching  | 5010025 | 15.000     | Ton  |
| 0290 | HMA Approach   | 5010061 | 1,579.000  | Ton  |
| 0300 | HMA, LVSP  | 5010703 | 11,094.000 | Ton  |
| 0310 | _ Cold in Place Recycling  | 5017011 | 85,410.000 | Syd  |
| 0320 | _ Asphalt Emulsion, Engineered                                   | 5017031 | 476.000    | Ton  |
| 0330 | Driveway, Nonreinf Conc, 6 inch                                  | 8010005 | 84.000     | Syd  |
| 0340 | Curb and Gutter, Conc, Det B2                                    | 8020016 | 1,995.000  | Ft   |
| 0350 | Curb and Gutter, Conc, Det F4                                    | 8020038 | 302.000    | Ft   |
| 0360 | Driveway Opening, Conc, Det M                                    | 8020050 | 76.000     | Ft   |
| 0370 | Post, Mailbox  | 8070095 | 233.000    | Ea   |
| 0380 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 50,793.000 | Ft   |
| 0390 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 18,952.000 | Ft   |
| 0400 | _ Pavt Mrkg, Waterborne, 24 inch, Stop Bar                       | 8117001 | 89.000     | Ft   |
| 0410 | _ Pavt Mrkg, Waterborne, 6 inch, Crosswalk                       | 8117001 | 114.000    | Ft   |
| 0420 | _ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym                       | 8117050 | 4.000      | Ea   |
| 0430 | _ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym                       | 8117050 | 2.000      | Ea   |
| 0440 | _ Pavt Mrkg, Waterborne, School                                  | 8117050 | 2.000      | Ea   |
| 0450 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 18.000     | Ea   |
| 0460 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 18.000     | Ea   |
| 0470 | Channelizing Device, 42 inch, Furn                               | 8120030 | 270.000    | Ea   |
| 0480 | Channelizing Device, 42 inch, Oper                               | 8120031 | 270.000    | Ea   |
| 0490 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea   |
| 0500 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea   |
| 0510 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0520 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 28.000     | Ft   |
| 0530 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 2,368.000  | Ft   |
| 0540 | Plastic Drum, High Intensity, Furn                               | 8120250 | 150.000    | Ea   |
| 0550 | Plastic Drum, High Intensity, Oper                               | 8120251 | 150.000    | Ea   |
| 0560 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 1,029.000  | Sft  |
| 0570 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 829.000    | Sft  |
| 0580 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 145.000    | Sft  |
| 0590 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 145.000    | Sft  |
| 0600 | Traf Regulator Control   | 8120370 | 1.000      | LSUM |
| 0610 | Riprap, Plain  | 8130010 | 180.000    | Syd  |
| 0620 | Slope Restoration, Type A  | 8160100 | 18,154.000 | Syd  |
| 0630 | Slope Restoration, Type B  | 8160101 | 1,427.000  | Syd  |
| 0640 | Slope Restoration, Type C  | 8160102 | 228.000    | Syd  |
| 0650 | Water Shutoff, Adj, Temp, Case 1                                 | 8230381 | 4.000      | Ea   |
| 0660 | Water Shutoff, Adj, Case 1                                       | 8230421 | 4.000      | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 064

**Letting Date:** June 7, 2019

**Contract ID:** 09000-206157

**Description:** 2.54 mi of hot mix asphalt base crushing and resurfacing, drainage, signs and pavement markings on 11 Mile Road from Bentley Road north to M-61, Bay County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206157A        | 1900694                | N/A                 | STL 09000       |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$110,600.00                          | 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 | 16.000     | Ea    |
| 0040              | Culv, Rem, Less than 24 inch                            | 2030001 | 9.000      | Ea    |
| 0050              | Culv, Rem, 24 inch to 48 inch                           | 2030002 | 4.000      | Ea    |
| 0060              | Culv, End, Rem, Less than 24 inch                       | 2030005 | 1.000      | Ea    |
| 0070              | Culv, End, Rem, 24 inch to 48 inch                      | 2030006 | 4.000      | Ea    |
| 0080              | Culv, End, Rem, Over 48 inch                            | 2030007 | 2.000      | Ea    |
| 0090              | Sewer, Rem, Less than 24 inch                           | 2030015 | 35.000     | Ft    |
| 0100              | Ditch Cleanout  | 2050006 | 12.000     | Sta   |
| 0110              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 200.000    | Cyd   |
| 0120              | Subgrade Undercutting, Type II                          | 2050041 | 500.000    | Cyd   |
| 0130              | _ Ditch Regrading                                       | 2057002 | 21.000     | Sta   |
| 0140              | _ Subgrade Undercutting, Type II, Modified              | 2057021 | 500.000    | Cyd   |
| 0150              | Erosion Control, Check Dam, Stone                       | 2080012 | 50.000     | Ft    |
| 0160              | Erosion Control, Maintenance, Sediment Removal          | 2080026 | 5.000      | Cyd   |
| 0170              | Erosion Control, Sediment Trap                          | 2080034 | 5.000      | Ea    |
| 0180              | Erosion Control, Silt Fence                             | 2080036 | 500.000    | Ft    |
| 0190              | _ Aggregate Base, Modified                              | 3027031 | 3,758.000  | Ton   |
| 0200              | HMA Base Crushing and Shaping                           | 3050002 | 33,014.000 | Syd   |
| 0210              | Material, Surplus and Unsuitable, Rem, LM               | 3050010 | 240.000    | Cyd   |
| 0220              | Maintenance Gravel                                      | 3060020 | 200.000    | Ton   |
| 0230              | Shoulder, CI II   | 3070121 | 1,389.000  | Ton   |
| 0240              | _ Approach, CI II, Modified                             | 3077031 | 71.000     | Ton   |
| 0250              | Culv End Sect, 12 inch                                  | 4010012 | 36.000     | Ea    |
| 0260              | Culv End Sect, 30 inch                                  | 4010030 | 2.000      | Ea    |
| 0270              | Culv End Sect, Metal, 48 inch                           | 4010102 | 2.000      | Ea    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0280 | Culv, CI A, 12 inch  | 4010131 | 49.000     | Ft   |
| 0290 | Culv, CI A, 30 inch  | 4010135 | 38.000     | Ft   |
| 0300 | Culv, CI A, 48 inch  | 4010138 | 48.000     | Ft   |
| 0310 | Culv, CI F, 12 inch  | 4010607 | 404.000    | Ft   |
| 0320 | Culv, CI F, 24 inch  | 4010610 | 106.000    | Ft   |
| 0330 | Culv, CI F, 30 inch  | 4010611 | 46.000     | Ft   |
| 0340 | Culv, Slp End Sect, 1 on 4, 18 inch, Longit                      | 4010919 | 5.000      | Ea   |
| 0350 | Culv, Slp End Sect, 1 on 4, 24 inch, Longit                      | 4010923 | 10.000     | Ea   |
| 0360 | Culv, Slp End Sect, 1 on 4, 24 inch, Transv                      | 4010924 | 1.000      | Ea   |
| 0370 | Culv, Slp End Sect, 1 on 4, 30 inch, Longit                      | 4010927 | 4.000      | Ea   |
| 0380 | _ Bagged Headwall Replacement                                    | 4017050 | 2.000      | Ea   |
| 0390 | Sewer, CI A, 12 inch, Tr Det B                                   | 4020033 | 35.000     | Ft   |
| 0400 | Sewer, CI A, 18 inch, Tr Det B                                   | 4020035 | 37.000     | Ft   |
| 0410 | Sewer, CI A, 24 inch, Tr Det B                                   | 4020036 | 135.000    | Ft   |
| 0420 | _ Sump Pump Lead and Drain Tile Conection                        | 4027001 | 50.000     | Ft   |
| 0430 | Dr Structure, 60 inch dia  | 4030220 | 1.000      | Ea   |
| 0440 | _ Dr Structure Cover, Type DG                                    | 4037050 | 1.000      | Ea   |
| 0450 | Cold Milling HMA Surface   | 5010002 | 1,026.000  | Syd  |
| 0460 | HMA Surface, Rem   | 5010005 | 125.000    | Syd  |
| 0470 | HMA Approach   | 5010061 | 348.000    | Ton  |
| 0480 | HMA, LVSP  | 5010703 | 8,194.000  | Ton  |
| 0490 | Guardrail, Type MGS-8  | 8070004 | 100.000    | Ft   |
| 0500 | Guardrail Approach Terminal, Type 2M                             | 8070044 | 4.000      | Ea   |
| 0510 | Guardrail Reflector  | 8070080 | 4.000      | Ea   |
| 0520 | Post, Mailbox  | 8070095 | 30.000     | Ea   |
| 0530 | Guardrail Post, Furn and Install, 96 inch                        | 8070103 | 24.000     | Ea   |
| 0540 | Post, Steel, 3 lb  | 8100371 | 330.000    | Ft   |
| 0550 | Sign, Type III, Erect, Salv                                      | 8100402 | 4.000      | Ea   |
| 0560 | Sign, Type III, Rem  | 8100403 | 21.000     | Ea   |
| 0570 | Sign, Type IIIA  | 8100404 | 89.000     | Sft  |
| 0580 | Sign, Type IIIB  | 8100405 | 44.000     | Sft  |
| 0590 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 26,014.000 | Ft   |
| 0600 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 5,947.000  | Ft   |
| 0610 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 26,014.000 | Ft   |
| 0620 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 5,947.000  | Ft   |
| 0630 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 14.000     | Ea   |
| 0640 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 14.000     | Ea   |
| 0650 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea   |
| 0660 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea   |
| 0670 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0680 | Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp                   | 8120231 | 900.000    | Ft   |
| 0690 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 900.000    | Ft   |
| 0700 | Plastic Drum, High Intensity, Furn                               | 8120250 | 100.000    | Ea   |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0710 | Plastic Drum, High Intensity, Oper           | 8120251 | 100.000   | Ea   |
| 0720 | Sign, Type B, Temp, Prismatic, Furn          | 8120350 | 422.000   | Sft  |
| 0730 | Sign, Type B, Temp, Prismatic, Oper          | 8120351 | 422.000   | Sft  |
| 0740 | Sign, Type B, Temp, Prismatic, Special, Furn | 8120352 | 165.000   | Sft  |
| 0750 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 165.000   | Sft  |
| 0760 | Traf Regulator Control                       | 8120370 | 1.000     | LSUM |
| 0770 | Riprap, Plain                                | 8130010 | 100.000   | Syd  |
| 0780 | Slope Restoration, Type B                    | 8160101 | 6,700.000 | Syd  |
| 0790 | Slope Restoration, Type C                    | 8160102 | 1,400.000 | Syd  |
| 0800 | Monument Box                                 | 8210001 | 5.000     | Ea   |
| 0810 | Monument Preservation                        | 8210010 | 5.000     | Ea   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 065

**Letting Date:** June 7, 2019

**Contract ID:** 82701-201433

**Description:** 1.50 mi of hot mix asphalt cold milling and resurfacing, pavement repair, concrete curb, gutter and sidewalk ramps and pavement markings on Oakway Drive from Portage Way to Lakeside Drive, on Central Avenue from Portage Way to Lakeside Drive and on Vista Drive from Lotter Way to the Strand on Belle Isle in the city of Detroit, Wayne County. This project includes two 3 year materials and workmanship pavement warranties.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 201433A        | N/A                    | N/A                 | M 82701         |

**List of Items by Section**

| Line Num          | Item Description                                 | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | _ Sidewalk Ramp Layout                           | 1047051 | 1.000      | LSUM  |
| 0020              | Mobilization, Max \$46,700.00                    | 1500001 | 1.000      | LSUM  |
| 0030              | Curb, Rem  | 2040021 | 125.000    | Ft    |
| 0040              | Sidewalk, Rem                                    | 2040055 | 64.000     | Syd   |
| 0050              | Embankment, CIP                                  | 2050010 | 25.000     | Cyd   |
| 0060              | Excavation, Earth                                | 2050016 | 40.000     | Cyd   |
| 0070              | Erosion Control, Inlet Protection, Fabric Drop   | 2080020 | 10.000     | Ea    |
| 0080              | Trenching  | 3070200 | 3.000      | Sta   |
| 0090              | Dr Structure Cover, Adj, Case 1, Modified        | 4030004 | 5.000      | Ea    |
| 0100              | Dr Structure, Cleaning                           | 4030290 | 10.000     | Ea    |
| 0110              | Cold Milling HMA Surface                         | 5010002 | 10,216.000 | Syd   |
| 0120              | Bump Grinding                                    | 5010004 | 250.000    | Syd   |
| 0130              | HMA Quality Initiative                           | 5010007 | 4,986.000  | Dlr   |
| 0140              | Pavt for Butt Joints, Rem                        | 5010008 | 193.000    | Syd   |
| 0150              | Longitudinal Joint Density Quality Initiative    | 5010018 | 7,656.000  | Dlr   |
| 0160              | Pavt Joint and Crack Repr, Det 8                 | 5010021 | 1,856.000  | Ft    |
| 0170              | Hand Patching                                    | 5010025 | 318.000    | Ton   |
| 0180              | HMA Approach                                     | 5010061 | 320.000    | Ton   |
| 0190              | HMA, LVSP  | 5010703 | 1,855.000  | Ton   |
| 0200              | Curb, Conc, Det E2                               | 8020002 | 125.000    | Ft    |
| 0210              | Detectable Warning Surface                       | 8030010 | 20.000     | Ft    |
| 0220              | Curb Ramp Opening, Conc                          | 8030030 | 20.000     | Ft    |
| 0230              | Sidewalk Ramp, Conc, 4 inch                      | 8030034 | 300.000    | Sft   |
| 0240              | Sidewalk, Conc, 4 inch                           | 8030044 | 275.000    | Sft   |
| 0250              | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk | 8110041 | 200.000    | Ft    |
| 0260              | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar  | 8110045 | 100.000    | Ft    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0270 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 1,250.000  | Ft   |
| 0280 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White                     | 8110155 | 10,000.000 | Ft   |
| 0290 | Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, White              | 8110212 | 1,500.000  | Ft   |
| 0300 | Witness, Log, \$1,000.00   | 8110350 | 1,000.000  | Dlr  |
| 0310 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 49.000     | Ea   |
| 0320 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 49.000     | Ea   |
| 0330 | Pedestrian Type II Barricade, Temp                               | 8120026 | 8.000      | Ea   |
| 0340 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0350 | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 28.000     | Ea   |
| 0360 | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 28.000     | Ea   |
| 0370 | Sign Cover   | 8120310 | 13.000     | Ea   |
| 0380 | Sign, Portable, Changeable Message, Furn                         | 8120330 | 2.000      | Ea   |
| 0390 | Sign, Portable, Changeable Message, Oper                         | 8120331 | 2.000      | Ea   |
| 0400 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 536.000    | Sft  |
| 0410 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 536.000    | Sft  |
| 0420 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 32.000     | Sft  |
| 0430 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 32.000     | Sft  |
| 0440 | Traf Regulator Control   | 8120370 | 1.000      | LSUM |
| 0450 | Slope Restoration, Type A  | 8160100 | 2,255.000  | Syd  |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 066

**Letting Date:** June 7, 2019

**Contract ID:** 63043-200956

**Description:** Structure removal of pedestrian bridge to the Silverdome over M-59 in the city of Pontiac, Oakland County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 200956A        | 1900836                | N/A                 | NH 63043        |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity | Units |
|-------------------|--|---------|----------|-------|
| <b>Section: 1</b> |  |         |          |       |
| 0010              | Mobilization, Max \$39,200.00                                    | 1500001 | 1.000    | LSUM  |
| 0020              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 30.000   | Ea    |
| 0030              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 30.000   | Ea    |
| 0040              | Lighted Arrow, Type C, Furn                                      | 8120140 | 6.000    | Ea    |
| 0050              | Lighted Arrow, Type C, Oper                                      | 8120141 | 6.000    | Ea    |
| 0060              | Ltg for Night Work   | 8120160 | 1.000    | LSUM  |
| 0070              | Minor Traf Devices   | 8120170 | 1.000    | LSUM  |
| 0080              | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 285.000  | Ea    |
| 0090              | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 285.000  | Ea    |
| 0100              | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 8.000    | Ea    |
| 0110              | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 8.000    | Ea    |
| 0120              | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 655.000  | Sft   |
| 0130              | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 655.000  | Sft   |
| <b>Section: 2</b> |  |         |          |       |
| 0140              | Fence, Rem   | 2040025 | 300.000  | Ft    |
| 0150              | Guardrail, Rem   | 2040035 | 250.000  | Ft    |
| 0160              | Structures, Rem (P01 of 63043)                                   | 2040060 | 1.000    | LSUM  |
| 0170              | Erosion Control, Gravel Access Approach                          | 2080016 | 2.000    | Ea    |
| 0180              | Erosion Control, Inlet Protection, Fabric Drop                   | 2080020 | 6.000    | Ea    |
| 0190              | Erosion Control, Silt Fence                                      | 2080036 | 225.000  | Ft    |
| 0200              | Fence, Temp  | 8080004 | 150.000  | Ft    |
| 0210              | Fence, Chain Link, 84 inch                                       | 8080014 | 300.000  | Ft    |
| 0220              | _ Turf Establishment, Performance                                | 8167011 | 453.000  | Syd   |





**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 067

**Letting Date:** June 7, 2019

**Contract ID:** 11017-205502

**Description:** Bridge rehabilitation including expansion joint replacement, healer sealer, railing replacement and approach work on I-94 eastbound over M-140, Berrien County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 205502A        | N/A                    | N/A                 | M 11017         |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Mobilization, Max \$29,200.00                                 | 1500001 | 1.000      | LSUM  |
| 0020              | Barricade, Type III, High Intensity, Lighted, Furn            | 8120022 | 8.000      | Ea    |
| 0030              | Barricade, Type III, High Intensity, Lighted, Oper            | 8120023 | 8.000      | Ea    |
| 0040              | Conc Barrier Ending, Temp, Detail 2, Adj                      | 8120040 | 1.000      | Ea    |
| 0050              | Conc Barrier Ending, Temp, Detail 2, Furn                     | 8120041 | 1.000      | Ea    |
| 0060              | Conc Barrier Ending, Temp, Detail 2, Oper                     | 8120042 | 1.000      | Ea    |
| 0070              | Conc Barrier, Temp, Adj                                       | 8120080 | 600.000    | Ft    |
| 0080              | Conc Barrier, Temp, Furn                                      | 8120081 | 600.000    | Ft    |
| 0090              | Conc Barrier, Temp, Oper                                      | 8120082 | 600.000    | Ft    |
| 0100              | Lighted Arrow, Type C, Furn                                   | 8120140 | 1.000      | Ea    |
| 0110              | Lighted Arrow, Type C, Oper                                   | 8120141 | 1.000      | Ea    |
| 0120              | Minor Traf Devices  | 8120170 | 1.000      | LSUM  |
| 0130              | Mobile Attenuator   | 8120180 | 1.000      | Ea    |
| 0140              | Pavt Mrkg Cover, Type R, Black                                | 8120200 | 6,250.000  | Ft    |
| 0150              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 10,000.000 | Ft    |
| 0160              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 5,000.000  | Ft    |
| 0170              | Plastic Drum, Fluorescent, Furn                               | 8120252 | 150.000    | Ea    |
| 0180              | Plastic Drum, Fluorescent, Oper                               | 8120253 | 150.000    | Ea    |
| 0190              | Sign, Portable, Changeable Message, Furn                      | 8120330 | 1.000      | Ea    |
| 0200              | Sign, Portable, Changeable Message, Oper                      | 8120331 | 1.000      | Ea    |
| 0210              | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 634.000    | Sft   |
| 0220              | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 634.000    | Sft   |

**Section: 2**

|      |   |         |         |      |
|------|---|---------|---------|------|
| 0230 | Pavt, Rem                                 | 2040050 | 60.000  | Syd  |
| 0240 | Structures, Rem Portions (S07-3 of 11017) | 2040061 | 1.000   | LSUM |
| 0250 | Erosion Control, Silt Fence               | 2080036 | 200.000 | Ft   |

|      |   |         |           |     |
|------|---|---------|-----------|-----|
| 0260 | Joint, Expansion, E3                                    | 6020208 | 115.000   | Ft  |
| 0270 | Joint, Expansion, Erg                                   | 6030021 | 107.000   | Ft  |
| 0280 | Lane Tie, Epoxy Anchored                                | 6030030 | 12.000    | Ea  |
| 0290 | Conc Pavt, Bridge Approach, Reinf, High Performance     | 7060003 | 60.000    | Syd |
| 0300 | Expansion Joint Device                                  | 7060050 | 120.000   | Ft  |
| 0310 | Reinforcement, Steel, Epoxy Coated                      | 7060092 | 5,085.000 | Lb  |
| 0320 | _ Conc, Deck Joint Replacement                          | 7067021 | 15.000    | Cyd |
| 0330 | Joint Waterproofing                                     | 7100001 | 173.000   | Sft |
| 0340 | Penetrating Healer/Sealer, Bridge Deck                  | 7100025 | 1,001.000 | Syd |
| 0350 | Substructure Horizontal Surface Sealer (S07-3 of 11017) | 7100030 | 21.000    | Syd |
| 0360 | _ Silane Treatment                                      | 7107010 | 1,874.000 | Sft |
| 0370 | _ Bridge Barrier Railing, High Performance, Modified    | 7117001 | 166.000   | Ft  |
| 0380 | Adhesive Anchoring of Vertical Bar, 1/2 inch            | 7120032 | 263.000   | Ea  |
| 0390 | Deck Joint, Rem   | 7120071 | 124.000   | Ft  |
| 0400 | Reinforcement, Mechanical Splice                        | 7120084 | 24.000    | Ea  |
| 0410 | Embedded Galvanic Anode                                 | 7120120 | 465.000   | Ea  |
| 0420 | Guardrail, Reconst, Type T                              | 8070109 | 75.000    | Ft  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 068

**Letting Date:** June 7, 2019

**Contract ID:** 35000-131028

**Description:** 2.73 mi of hot mix asphalt shared use path, boardwalk, prefabricated steel bridges, concrete substructure, curb, gutter, sidewalk and ramps, steel sheet piling, piles, water main, drainage and pavement markings along River Road and Mill Street from Pine Crest Trail to US-23, Iosco County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 131028A        | 1900809                | N/A                 | TA 35000        |
| 207863A        | FLAP043                | N/A                 | FLAP 35000      |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity  | Units |
|-------------------|---|---------|-----------|-------|
| <b>Section: 1</b> |   |         |           |       |
| 0010              | Mobilization, Max \$196,900.00                          | 1500001 | 1.000     | LSUM  |
| 0020              | Clearing  | 2010001 | 0.390     | Acre  |
| 0030              | Tree, Rem, 37 inch or Larger                            | 2020003 | 1.000     | Ea    |
| 0040              | Tree, Rem, 6 inch to 18 inch                            | 2020004 | 22.000    | Ea    |
| 0050              | Stump, Rem, 19 inch to 36 inch                          | 2020006 | 1.000     | Ea    |
| 0060              | Stump, Rem, 37 inch or Larger                           | 2020007 | 1.000     | Ea    |
| 0070              | Stump, Rem, 6 inch to 18 inch                           | 2020008 | 5.000     | Ea    |
| 0080              | Culv, Rem, Less than 24 inch                            | 2030001 | 6.000     | Ea    |
| 0090              | Culv, End, Rem, Less than 24 inch                       | 2030005 | 11.000    | Ea    |
| 0100              | Dr Structure, Rem                                       | 2030011 | 2.000     | Ea    |
| 0110              | Sewer, Rem, Less than 24 inch                           | 2030015 | 160.000   | Ft    |
| 0120              | Curb and Gutter, Rem                                    | 2040020 | 947.000   | Ft    |
| 0130              | Guardrail, Rem  | 2040035 | 392.000   | Ft    |
| 0140              | Masonry and Conc Structure, Rem                         | 2040045 | 5.000     | Cyd   |
| 0150              | Pavt, Rem   | 2040050 | 60.000    | Syd   |
| 0160              | Sidewalk, Rem   | 2040055 | 202.000   | Syd   |
| 0170              | Exploratory Investigation, Vertical                     | 2040080 | 50.000    | Ft    |
| 0180              | Ditch Cleanout  | 2050006 | 2.000     | Sta   |
| 0190              | Embankment, CIP   | 2050010 | 97.000    | Cyd   |
| 0200              | Excavation, Earth                                       | 2050016 | 195.000   | Cyd   |
| 0210              | Non Haz Contaminated Material Handling and Disposal, LM | 2050031 | 250.000   | Cyd   |
| 0220              | _ Subgrade Undercutting, Type II, Special               | 2057021 | 500.000   | Cyd   |
| 0230              | Erosion Control, Inlet Protection, Fabric Drop          | 2080020 | 3.000     | Ea    |
| 0240              | Erosion Control, Silt Fence                             | 2080036 | 1,825.000 | Ft    |
| 0250              | Subbase, CIP  | 3010002 | 652.000   | Cyd   |

|      |   |         |            |     |
|------|---|---------|------------|-----|
| 0260 | Aggregate Base, 3 inch                    | 3020008 | 113.000    | Syd |
| 0270 | Aggregate Base, 8 inch                    | 3020020 | 267.000    | Syd |
| 0280 | Maintenance Gravel                        | 3060020 | 500.000    | Ton |
| 0290 | _ Approach, CI I, 6 inch, Modified        | 3077011 | 152.000    | Syd |
| 0300 | _ Approach, CI I, 8 inch, Modified        | 3077011 | 205.000    | Syd |
| 0310 | _ Approach, CI II, 4 inch, Modified       | 3077011 | 360.000    | Syd |
| 0320 | _ Shoulder, CI II, Modified               | 3077031 | 39.000     | Ton |
| 0330 | Geotextile, Stabilization                 | 3080010 | 111.000    | Syd |
| 0340 | Culv End Sect, 12 inch                    | 4010012 | 1.000      | Ea  |
| 0350 | Sewer, CI IV, 12 inch, Tr Det B           | 4020987 | 117.000    | Ft  |
| 0360 | Sewer Tap, 12 inch                        | 4021204 | 2.000      | Ea  |
| 0370 | Dr Structure Cover, Adj, Case 1           | 4030005 | 4.000      | Ea  |
| 0380 | Dr Structure Cover, Adj, Case 2           | 4030006 | 14.000     | Ea  |
| 0390 | Dr Structure Cover, Type J                | 4030045 | 1.000      | Ea  |
| 0400 | Dr Structure Cover, Type K                | 4030050 | 2.000      | Ea  |
| 0410 | Dr Structure, 48 inch dia                 | 4030210 | 1.000      | Ea  |
| 0420 | Dr Structure, Adj, Add Depth              | 4030280 | 5.000      | Ft  |
| 0430 | Dr Structure, Tap, 6 inch                 | 4030306 | 2.000      | Ea  |
| 0440 | _ Dr Structure, 36 inch dia               | 4037050 | 2.000      | Ea  |
| 0450 | Underdrain, Subgrade, 6 inch              | 4040073 | 200.000    | Ft  |
| 0460 | HMA Surface, Rem                          | 5010005 | 1,601.000  | Syd |
| 0470 | Hand Patching                             | 5010025 | 60.000     | Ton |
| 0480 | HMA Approach                              | 5010061 | 103.000    | Ton |
| 0490 | Curb and Gutter, Conc, Det B2             | 8020016 | 346.000    | Ft  |
| 0500 | Shoulder Gutter, Conc, Det 2              | 8020056 | 1.000      | Ea  |
| 0510 | Shoulder Gutter, Conc, Det 3              | 8020057 | 1.000      | Ea  |
| 0520 | Spillway, Conc                            | 8020075 | 25.000     | Ft  |
| 0530 | _ Curb and Gutter, Conc, Det F2, Modified | 8027001 | 445.000    | Ft  |
| 0540 | Detectable Warning Surface                | 8030010 | 515.000    | Ft  |
| 0550 | Curb Ramp Opening, Conc                   | 8030030 | 329.000    | Ft  |
| 0560 | Sidewalk Ramp, Conc, 6 inch               | 8030036 | 3,408.000  | Sft |
| 0570 | Sidewalk, Conc, 4 inch                    | 8030044 | 79.000     | Sft |
| 0580 | Sidewalk, Conc, 6 inch                    | 8030046 | 200.000    | Sft |
| 0590 | Shared use Path, Grading                  | 8060030 | 13,544.000 | Ft  |
| 0600 | Shared use Path, HMA                      | 8060040 | 2,130.000  | Ton |
| 0610 | _ Shared Use Path Fence                   | 8067001 | 667.000    | Ft  |
| 0620 | _ Shared use Path, Aggregate, 6 inch      | 8067011 | 16,857.000 | Syd |
| 0630 | Guardrail, Type T                         | 8070002 | 112.000    | Ft  |
| 0640 | Guardrail Anch, Bridge, Det T6            | 8070027 | 4.000      | Ea  |
| 0650 | Guardrail Approach Terminal, Type 2M      | 8070044 | 3.000      | Ea  |
| 0660 | Guardrail Departing Terminal, Type T      | 8070051 | 1.000      | Ea  |
| 0670 | Post, Mailbox                             | 8070095 | 30.000     | Ea  |
| 0680 | Post, Steel, 3 lb                         | 8100371 | 1,510.000  | Ft  |
| 0690 | Sign, Type III, Rem                       | 8100403 | 30.000     | Ea  |
| 0700 | Sign, Type IIIA                           | 8100404 | 123.000    | Sft |

|      |  |         |             |      |
|------|--|---------|-------------|------|
| 0710 | Sign, Type IIIB  | 8100405 | 286.000     | Sft  |
| 0720 | Reflective Panel for Permanent Sign Support, 3 foot              | 8100613 | 2.000       | Ea   |
| 0730 | Reflective Panel for Permanent Sign Support, 6 foot              | 8100616 | 6.000       | Ea   |
| 0740 | _ Sign, Type IIIA, Modified                                      | 8107010 | 31.000      | Sft  |
| 0750 | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 1,493.000   | Ft   |
| 0760 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk                 | 8110041 | 327.000     | Ft   |
| 0770 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar                  | 8110045 | 60.000      | Ft   |
| 0780 | Pavt Mrkg, Ovly Cold Plastic, Railroad Sym                       | 8110069 | 2.000       | Ea   |
| 0790 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 445.000     | Ft   |
| 0800 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 320.000     | Ft   |
| 0810 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 445.000     | Ft   |
| 0820 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 320.000     | Ft   |
| 0830 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 6.000       | Ea   |
| 0840 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 6.000       | Ea   |
| 0850 | Pedestrian Type II Barricade, Temp                               | 8120026 | 6.000       | Ea   |
| 0860 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000       | Ea   |
| 0870 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000       | Ea   |
| 0880 | Minor Traf Devices   | 8120170 | 1.000       | LSUM |
| 0890 | Plastic Drum, High Intensity, Furn                               | 8120250 | 275.000     | Ea   |
| 0900 | Plastic Drum, High Intensity, Oper                               | 8120251 | 275.000     | Ea   |
| 0910 | Sign Cover   | 8120310 | 12.000      | Ea   |
| 0920 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 600.000     | Sft  |
| 0930 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 600.000     | Sft  |
| 0940 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 250.000     | Sft  |
| 0950 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 250.000     | Sft  |
| 0960 | Traf Regulator Control   | 8120370 | 1.000       | LSUM |
| 0970 | Riprap, Plain  | 8130010 | 100.000     | Syd  |
| 0980 | _ Non Selective Weed Spray Under Asphalt                         | 8167010 | 151,695.000 | Sft  |
| 0990 | _ Slope Restoration, Modified                                    | 8167011 | 14,600.000  | Syd  |
| 1000 | Wood Pole, Rem   | 8190505 | 2.000       | Ea   |
| 1010 | Fire Hydrant   | 8230040 | 7.000       | Ea   |
| 1020 | Gate Valve and Box, 6 inch                                       | 8230051 | 7.000       | Ea   |
| 1030 | Gate Valve and Box, 10 inch                                      | 8230053 | 4.000       | Ea   |
| 1040 | Hydrant, Rem   | 8230091 | 7.000       | Ea   |
| 1050 | Water Main, 10 inch, Cut and Plug                                | 8230133 | 4.000       | Ea   |
| 1060 | Water Serv, Long   | 8230245 | 2.000       | Ea   |
| 1070 | Water Shutoff, Adj, Case 1                                       | 8230421 | 7.000       | Ea   |
| 1080 | Water Shutoff, Adj, Case 2                                       | 8230422 | 21.000      | Ea   |
| 1090 | Gate Box, Adj, Case 1  | 8230431 | 7.000       | Ea   |
| 1100 | Gate Box, Adj, Case 2  | 8230432 | 11.000      | Ea   |
| 1110 | _ Water Main, HDPE, 12 inch, Directional Bore                    | 8237001 | 450.000     | Ft   |
| 1120 | _ Water Main, PVC, 10 inch, Tr Det G, Modified                   | 8237001 | 21.000      | Ft   |
| 1130 | _ Water Main, PVC, 6 inch, Tr Det G, Modified                    | 8237001 | 81.000      | Ft   |

|      |   |         |           |     |
|------|---|---------|-----------|-----|
| 1140 | _ Connection to Existing 10 inch Water Main | 8237050 | 4.000     | Ea  |
| 1150 | _ Live Tap, 6 inch by 10 inch               | 8237050 | 7.000     | Ea  |
| 1160 | _ Railroad Protection, at Grade Crossing    | 8507060 | 5,600.000 | Dlr |

**Section: 2**

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 1170 | _ Headwall, Partial, Remove                   | 2047001 | 34.000    | Ft   |
| 1180 | Backfill, Structure, CIP                      | 2060002 | 654.000   | Cyd  |
| 1190 | Excavation, Fdn                               | 2060010 | 153.000   | Cyd  |
| 1200 | Geotextile, Separator                         | 3080005 | 9.000     | Syd  |
| 1210 | Steel Sheet Piling, Permanent                 | 7040001 | 6,552.000 | Sft  |
| 1220 | Steel Sheet Piling, Temp                      | 7040002 | 2,400.000 | Sft  |
| 1230 | Pile Driving Equipment, Furn East (Steel)     | 7050002 | 1.000     | LSUM |
| 1240 | Pile Driving Equipment, Furn East (Timber)    | 7050002 | 1.000     | LSUM |
| 1250 | Pile Driving Equipment, Furn West (Steel)     | 7050002 | 1.000     | LSUM |
| 1260 | Pile Driving Equipment, Furn West (Timber)    | 7050002 | 1.000     | LSUM |
| 1270 | Pile, Treated Timber, Furn                    | 7050010 | 1,680.000 | Ft   |
| 1280 | Pile, Treated Timber, Driven                  | 7050011 | 1,680.000 | Ft   |
| 1290 | Test Pile, Treated Timber                     | 7050015 | 3.000     | Ea   |
| 1300 | Pile Point, Steel                             | 7050039 | 12.000    | Ea   |
| 1310 | _ Pile, Steel, Furn and Driven, 10 inch       | 7057001 | 468.000   | Ft   |
| 1320 | _ Test Pile, Steel, 10 inch                   | 7057050 | 4.000     | Ea   |
| 1330 | Conc, Grade S2                                | 7060011 | 87.000    | Cyd  |
| 1340 | Reinforcement, Steel                          | 7060090 | 6,750.000 | Lb   |
| 1350 | Reinforcement, Steel, Epoxy Coated            | 7060092 | 2,217.000 | Lb   |
| 1360 | Structural Steel, Mixed, Erect                | 7070050 | 1,990.000 | Lb   |
| 1370 | Structural Steel, Mixed, Furn and Fab         | 7070051 | 1,990.000 | Lb   |
| 1380 | _ Prefabricated Bridge, Furn (East Bridge)    | 7077051 | 1.000     | LSUM |
| 1390 | _ Prefabricated Bridge, Furn (West Bridge)    | 7077051 | 1.000     | LSUM |
| 1400 | _ Prefabricated Bridge, Install (East Bridge) | 7077051 | 1.000     | LSUM |
| 1410 | _ Prefabricated Bridge, Install (West Bridge) | 7077051 | 1.000     | LSUM |
| 1420 | _ Structure, Timber, Boardwalk                | 7097001 | 128.000   | Ft   |
| 1430 | Adhesive Anchoring of Vertical Bar, 3/4 inch  | 7120034 | 90.000    | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 069

**Letting Date:** June 7, 2019

**Contract ID:** 25000-202398

**Description:** Bridge replacement with 21 inch prestressed concrete box beams, steel piles, steel sheet piling, cofferdams, hot mix asphalt approach, concrete curb and gutter, sidewalk, drainage, sewer, guardrail and pavement markings on Linden Road over Swartz Creek, Genesee County. This is a Local Agency project.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 202398A        | N/A                    | N/A                 | MCS 25000       |

**List of Items by Section**

| Line Num          | Item Description                               | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$168,400.00                 | 1500001 | 1.000     | LSUM  |
| 0020              | Stump, Rem, 6 inch to 18 inch                  | 2020008 | 1.000     | Ea    |
| 0030              | Guardrail, Rem                                 | 2040035 | 388.000   | Ft    |
| 0040              | Exploratory Investigation, Vertical            | 2040080 | 40.000    | Ft    |
| 0050              | _ Pavt, Rem, Modified                          | 2047011 | 1,451.000 | Syd   |
| 0060              | Embankment, CIP                                | 2050010 | 165.000   | Cyd   |
| 0070              | Excavation, Earth                              | 2050016 | 1,230.000 | Cyd   |
| 0080              | Erosion Control, Inlet Protection, Fabric Drop | 2080020 | 4.000     | Ea    |
| 0090              | Erosion Control, Silt Fence                    | 2080036 | 500.000   | Ft    |
| 0100              | Subbase, CIP                                   | 3010002 | 542.000   | Cyd   |
| 0110              | _ Aggregate Base, Modified                     | 3027031 | 930.000   | Ton   |
| 0120              | Maintenance Gravel                             | 3060020 | 30.000    | Ton   |
| 0130              | Sewer, CI A, 12 inch, Tr Det B                 | 4020033 | 8.000     | Ft    |
| 0140              | Dr Structure Cover, Adj, Case 1                | 4030005 | 1.000     | Ea    |
| 0150              | Dr Structure Cover, Adj, Case 2                | 4030006 | 2.000     | Ea    |
| 0160              | Dr Structure Cover, Type K                     | 4030050 | 2.000     | Ea    |
| 0170              | Dr Structure Cover, Type Q                     | 4030065 | 2.000     | Ea    |
| 0180              | Dr Structure, 48 inch dia                      | 4030210 | 1.000     | Ea    |
| 0190              | Dr Structure, Tap, 4 inch                      | 4030304 | 2.000     | Ea    |
| 0200              | Underdrain, Subgrade, 4 inch                   | 4040071 | 474.000   | Ft    |
| 0210              | HMA, 3E10                                      | 5010046 | 206.000   | Ton   |
| 0220              | HMA, 4E10                                      | 5010052 | 172.000   | Ton   |
| 0230              | HMA, 5E10                                      | 5010058 | 137.000   | Ton   |
| 0240              | Curb and Gutter, Conc, Det F4                  | 8020038 | 394.000   | Ft    |
| 0250              | _ Curb and Gutter, Bridge Approach, Modified   | 8027001 | 80.000    | Ft    |
| 0260              | Sidewalk, Conc, 4 inch                         | 8030044 | 1,233.000 | Sft   |
| 0270              | Guardrail, Type B                              | 8070000 | 75.000    | Ft    |

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0280 | Guardrail, Curved, Type B  | 8070010 | 25.000     | Ft   |
| 0290 | Guardrail Anch, Bridge, Det T2                                   | 8070023 | 4.000      | Ea   |
| 0300 | Guardrail Approach Terminal, Type 2B                             | 8070042 | 4.000      | Ea   |
| 0310 | Guardrail Reflector  | 8070080 | 32.000     | Ea   |
| 0320 | _ Timber Backing   | 8077001 | 44.000     | Ft   |
| 0330 | Fence, Chain Link, 48 inch                                       | 8080011 | 78.000     | Ft   |
| 0340 | Sign, Type III, Rem  | 8100403 | 3.000      | Ea   |
| 0350 | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 1.000      | Ea   |
| 0360 | Pavt Mrkg, Waterborne, 4 inch, White                             | 8110231 | 2,076.000  | Ft   |
| 0370 | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 3,574.000  | Ft   |
| 0380 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White            | 8110251 | 2,076.000  | Ft   |
| 0390 | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow           | 8110252 | 3,574.000  | Ft   |
| 0400 | Rem Curing Compound, for Longit Mrkg, 4 inch                     | 8110307 | 210.000    | Ft   |
| 0410 | Rem Spec Mrkg  | 8110343 | 29.000     | Sft  |
| 0420 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 17.000     | Ea   |
| 0430 | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 17.000     | Ea   |
| 0440 | Conc Barrier Ending, Temp, Detail 2, Furn                        | 8120041 | 1.000      | Ea   |
| 0450 | Conc Barrier Ending, Temp, Detail 2, Oper                        | 8120042 | 1.000      | Ea   |
| 0460 | Conc Barrier Ending, Temp, Detail 2, Relocated                   | 8120043 | 1.000      | Ea   |
| 0470 | Conc Barrier Ending, Temp, Detail 5, Furn                        | 8120061 | 1.000      | Ea   |
| 0480 | Conc Barrier Ending, Temp, Detail 5, Oper                        | 8120062 | 1.000      | Ea   |
| 0490 | Conc Barrier Ending, Temp, Detail 5, Relocated                   | 8120063 | 1.000      | Ea   |
| 0500 | Conc Barrier, Temp, Furn   | 8120081 | 338.000    | Ft   |
| 0510 | Conc Barrier, Temp, Oper   | 8120082 | 338.000    | Ft   |
| 0520 | Conc Barrier, Temp, Relocated                                    | 8120083 | 225.000    | Ft   |
| 0530 | Conc Barrier, Temp, Limited Deflection, Reflector Replacement    | 8120086 | 10.000     | Ea   |
| 0540 | High Intensity Light, Type B, Furn                               | 8120110 | 2.000      | Ea   |
| 0550 | High Intensity Light, Type B, Oper                               | 8120111 | 2.000      | Ea   |
| 0560 | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea   |
| 0570 | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea   |
| 0580 | Minor Traf Devices   | 8120170 | 1.000      | LSUM |
| 0590 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                     | 8120210 | 10,520.000 | Ft   |
| 0600 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp     | 8120245 | 9,190.000  | Ft   |
| 0610 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp    | 8120246 | 4,490.000  | Ft   |
| 0620 | Plastic Drum, High Intensity, Furn                               | 8120250 | 200.000    | Ea   |
| 0630 | Plastic Drum, High Intensity, Oper                               | 8120251 | 200.000    | Ea   |
| 0640 | Sign Cover   | 8120310 | 4.000      | Ea   |
| 0650 | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 557.000    | Sft  |
| 0660 | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 557.000    | Sft  |
| 0670 | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 8.000      | Sft  |
| 0680 | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 8.000      | Sft  |
| 0690 | Conc Barrier, Temp, Limited Deflection, Det 1, Furn              | 8121000 | 388.000    | Ft   |



|      |  |         |           |     |
|------|--|---------|-----------|-----|
| 0700 | Conc Barrier, Temp, Limited Deflection, Det 1, Oper      | 8121001 | 388.000   | Ft  |
| 0710 | Conc Barrier, Temp, Limited Deflection, Det 1, Relocated | 8121003 | 338.000   | Ft  |
| 0720 | Conc Barrier, Temp, Limited Deflection, Det 3B, Furn     | 8121220 | 50.000    | Ft  |
| 0730 | Conc Barrier, Temp, Limited Deflection, Det 3B, Oper     | 8121221 | 50.000    | Ft  |
| 0740 | _ Turf Establishment, Performance-No Rye, Special        | 8167011 | 1,260.000 | Syd |

**Section: 2**

|      |  |         |            |      |
|------|--|---------|------------|------|
| 0750 | Structures, Rem (SN 2740)  | 2040060 | 1.000      | LSUM |
| 0760 | Backfill, Structure, CIP   | 2060002 | 376.000    | Cyd  |
| 0770 | Excavation, Fdn  | 2060010 | 557.000    | Cyd  |
| 0780 | Erosion Control, Filter Bag  | 2080014 | 2.000      | Ea   |
| 0790 | Erosion Control, Turbidity Curtain, Deep                             | 2080042 | 240.000    | Ft   |
| 0800 | Erosion Control, Turbidity Curtain, Shallow                          | 2080044 | 240.000    | Ft   |
| 0810 | Underdrain, Fdn, 4 inch  | 4040031 | 454.000    | Ft   |
| 0820 | Steel Sheet Piling, Temp, Left in Place                              | 7040003 | 325.000    | Sft  |
| 0830 | Cofferdams (SN 2740)   | 7040007 | 1.000      | LSUM |
| 0840 | Cofferdams, Left in Place (SN 2740)                                  | 7040009 | 1.000      | LSUM |
| 0850 | Pile Driving Equipment, Furn (SN 2740)                               | 7050002 | 1.000      | LSUM |
| 0860 | Pile, Steel, Furn and Driven, 12 inch                                | 7050030 | 2,120.000  | Ft   |
| 0870 | Test Pile, Steel, 12 inch  | 7050031 | 4.000      | Ea   |
| 0880 | Pile Point, Steel  | 7050039 | 52.000     | Ea   |
| 0890 | Bridge Ltg, Furn and Rem (SN 2740)                                   | 7060001 | 1.000      | LSUM |
| 0900 | Bridge Ltg, Oper and Maintain  | 7060002 | 148.000    | Cyd  |
| 0910 | Conc, Grade T  | 7060013 | 106.000    | Cyd  |
| 0920 | Elec Grounding System  | 7060040 | 1.000      | Ea   |
| 0930 | Expansion Joint Device   | 7060050 | 54.000     | Ft   |
| 0940 | False Decking  | 7060060 | 2,232.000  | Sft  |
| 0950 | Pipe Sleeve, 8 inch  | 7060070 | 4.000      | Ea   |
| 0960 | Pipe Sleeve, 10 inch, Placed   | 7060073 | 4.000      | Ea   |
| 0970 | Reinforcement, Steel, Epoxy Coated                                   | 7060092 | 53,798.000 | Lb   |
| 0980 | Substructure Conc  | 7060100 | 235.000    | Cyd  |
| 0990 | Superstructure Conc  | 7060110 | 21.000     | Cyd  |
| 1000 | Superstructure Conc, Form, Finish, and Cure (SN 2740)                | 7060111 | 1.000      | LSUM |
| 1010 | Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 2740) | 7060112 | 1.000      | LSUM |
| 1020 | Superstructure Conc, Night Casting                                   | 7060113 | 148.000    | Cyd  |
| 1030 | _ Structure Name Plate   | 7067050 | 1.000      | Ea   |
| 1040 | Bearing, Elastomeric, 2 1/2 inch                                     | 7070018 | 4,752.000  | Sin  |
| 1050 | Prest Conc Box Beam, Furn, 21 inch                                   | 7080061 | 365.000    | Ft   |
| 1060 | Prest Conc Box Beam, Erect, 21 inch                                  | 7080062 | 365.000    | Ft   |
| 1070 | Joint Waterproofing  | 7100001 | 540.000    | Sft  |
| 1080 | Conc Surface Coating   | 7100011 | 247.000    | Syd  |
| 1090 | _ Silane Treatment   | 7107010 | 1,156.000  | Sft  |
| 1100 | Bridge Barrier Railing, Type 4                                       | 7110001 | 81.000     | Ft   |

|      |                                  |         |         |     |
|------|----------------------------------|---------|---------|-----|
| 1110 | Epoxy Ovly                       | 7120020 | 234.000 | Syd |
| 1120 | Reinforcement, Mechanical Splice | 7120084 | 275.000 | Ea  |
| 1130 | Fence, Structure                 | 8080110 | 162.000 | Sft |
| 1140 | _ Riprap, Heavy, Modified        | 8137011 | 156.000 | Syd |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 070

**Letting Date:** June 7, 2019

**Contract ID:** 63041-207892

**Description:** 10.06 mi of hot mix asphalt skip patching, longitudinal joint repairs with asphalt repair mastic and pavement markings on various routes, Oakland County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207892A        | N/A                    | N/A                 | M 63041         |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$67,100.00                                    | 1500001 | 1.000      | LSUM  |
| 0020              | Cold Milling HMA Surface   | 5010002 | 21,417.000 | Syd   |
| 0030              | HMA Quality Initiative   | 5010007 | 4,712.000  | Dlr   |
| 0040              | HMA, 5E3   | 5010057 | 2,356.000  | Ton   |
| 0050              | _ Asphalt Repair Mastic  | 5027001 | 19,000.000 | Ft    |
| 0060              | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk                  | 8110024 | 3,600.000  | Ft    |
| 0070              | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 10.000     | Ea    |
| 0080              | Pavt Mrkg, Ovly Cold Plastic, Only                               | 8110068 | 10.000     | Ea    |
| 0090              | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 20.000     | Ea    |
| 0100              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                           | 8110114 | 800.000    | Ft    |
| 0110              | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 70,000.000 | Ft    |
| 0120              | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow                    | 8110154 | 55,000.000 | Ft    |
| 0130              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 8.000      | Ea    |
| 0140              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000      | Ea    |
| 0150              | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea    |
| 0160              | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea    |
| 0170              | Ltg for Night Work   | 8120160 | 1.000      | LSUM  |
| 0180              | Minor Traf Devices   | 8120170 | 1.000      | LSUM  |
| 0190              | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 318.000    | Ea    |
| 0200              | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 318.000    | Ea    |
| 0210              | Sign Cover   | 8120310 | 8.000      | Ea    |
| 0220              | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 2.000      | Ea    |
| 0230              | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 2.000      | Ea    |
| 0240              | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 300.000    | Sft   |
| 0250              | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 300.000    | Sft   |
| 0260              | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 20.000     | Sft   |

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0270 | Sign, Type B, Temp, Prismatic, Special, Oper | 8120353 | 20.000    | Sft  |
| 0280 | Traf Regulator Control                       | 8120370 | 1.000     | LSUM |
| 0290 | _ Permanent Traffic Recorder Loops Only      | 8207051 | 1.000     | LSUM |
| 0300 | _ Railroad Inspection and Flagging           | 8507060 | 3,000.000 | Dlr  |
| 0310 | _ Railroad Protection                        | 8507060 | 5,000.000 | Dlr  |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 071

**Letting Date:** June 7, 2019

**Contract ID:** 81000-M61901-2

**Description:** 1.85 mi of hot mix asphalt cold milling and single course overlay on multiple ramps, concrete sidewalk, ramps and pavement markings on the I-94 ramps to and from Zeeb Road and the east tri-level from westbound M-14 to southbound US-23 interchange ramp in the city of Ann Arbor, Washtenaw County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| M61901         | N/A                    | N/A                 | M 81000         |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | _ Sidewalk Ramp Layout                                   | 1047051 | 1.000      | LSUM  |
| 0020              | Sidewalk, Rem  | 2040055 | 44.000     | Syd   |
| 0030              | _ Sidewalk Ramp Grading                                  | 2057050 | 4.000      | Ea    |
| 0040              | Erosion Control, Silt Fence                              | 2080036 | 100.000    | Ft    |
| 0050              | Aggregate Base, 4 inch                                   | 3020010 | 53.000     | Syd   |
| 0060              | Cold Milling HMA Surface                                 | 5010002 | 14,135.000 | Syd   |
| 0070              | Pavt Joint and Crack Repr, Det 7                         | 5010020 | 1,800.000  | Ft    |
| 0080              | Pavt Joint and Crack Repr, Det 8                         | 5010021 | 1,800.000  | Ft    |
| 0090              | Hand Patching  | 5010025 | 270.000    | Ton   |
| 0100              | HMA, 5E3   | 5010057 | 223.000    | Ton   |
| 0110              | HMA, 5E10  | 5010058 | 517.000    | Ton   |
| 0120              | HMA Approach   | 5010061 | 136.000    | Ton   |
| 0130              | HMA, 5E3, High Stress                                    | 5010515 | 448.000    | Ton   |
| 0140              | Detectable Warning Surface                               | 8030010 | 40.000     | Ft    |
| 0150              | Curb Ramp Opening, Conc                                  | 8030030 | 80.000     | Ft    |
| 0160              | Sidewalk Ramp, Conc, 4 inch                              | 8030034 | 400.000    | Sft   |
| 0170              | Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol     | 8110051 | 2.000      | Ea    |
| 0180              | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym          | 8110063 | 3.000      | Ea    |
| 0190              | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym          | 8110071 | 3.000      | Ea    |
| 0200              | Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym | 8110076 | 1.000      | Ea    |
| 0210              | Pavt Mrkg, Polyurea, 6 inch, Crosswalk                   | 8110093 | 382.000    | Ft    |
| 0220              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                   | 8110114 | 82.000     | Ft    |
| 0230              | Witness, Log, \$1,000.00                                 | 8110350 | 1,000.000  | Dlr   |
| 0240              | Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White        | 8110480 | 284.000    | Ft    |
| 0250              | Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White        | 8110481 | 16,100.000 | Ft    |
| 0260              | Pavt Mrkg, Wet Retrflec Waterborne, 12 inch, White       | 8110483 | 1,470.000  | Ft    |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0270 | Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, Yellow              | 8110485 | 5,300.000 | Ft   |
| 0280 | Barricade, Type III, High Intensity, Lighted, Furn              | 8120022 | 12.000    | Ea   |
| 0290 | Barricade, Type III, High Intensity, Lighted, Oper              | 8120023 | 12.000    | Ea   |
| 0300 | Pedestrian Type II Barricade, Temp                              | 8120026 | 2.000     | Ea   |
| 0310 | Lighted Arrow, Type C, Furn                                     | 8120140 | 1.000     | Ea   |
| 0320 | Lighted Arrow, Type C, Oper                                     | 8120141 | 1.000     | Ea   |
| 0330 | Ltg for Night Work  | 8120160 | 1.000     | LSUM |
| 0340 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0350 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp  | 8120235 | 8,400.000 | Ft   |
| 0360 | Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp | 8120236 | 8,400.000 | Ft   |
| 0370 | Plastic Drum, Fluorescent, Furn                                 | 8120252 | 50.000    | Ea   |
| 0380 | Plastic Drum, Fluorescent, Oper                                 | 8120253 | 50.000    | Ea   |
| 0390 | Sign Cover  | 8120310 | 2.000     | Ea   |
| 0400 | Sign Cover, Type 1  | 8120320 | 1.000     | Ea   |
| 0410 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn       | 8120332 | 2.000     | Ea   |
| 0420 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper       | 8120333 | 2.000     | Ea   |
| 0430 | Sign, Type B, Temp, Prismatic, Furn                             | 8120350 | 922.000   | Sft  |
| 0440 | Sign, Type B, Temp, Prismatic, Oper                             | 8120351 | 922.000   | Sft  |
| 0450 | Slope Restoration, Type B                                       | 8160101 | 36.000    | Syd  |
| 0460 | Hh, Round, 3 foot dia   | 8190259 | 1.000     | Ea   |
| 0470 | Digital Loop Detector   | 8200055 | 1.000     | Ea   |
| 0480 | Traf Loop   | 8200170 | 3.000     | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 072

**Letting Date:** June 7, 2019

**Contract ID:** 30032-206081

**Description:** 0.84 mi of hot mix asphalt cold milling and single course overlay, drainage structure adjustment, and pavement markings on M-99 from north of Fayette Street northerly to north of Arch Avenue in the city of Hillsdale, Hillsdale County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 206081A        | N/A                    | N/A                 | M 30032         |

**List of Items by Section**

| Line Num          | Item Description  | Item ID | Quantity   | Units |
|-------------------|---|---------|------------|-------|
| <b>Section: 1</b> |   |         |            |       |
| 0010              | Erosion Control, Inlet Protection, Fabric Drop                | 2080020 | 30.000     | Ea    |
| 0020              | Dr Structure Cover, Adj, Case 1, Modified                     | 4030004 | 9.000      | Ea    |
| 0030              | Dr Structure Cover, Type B                                    | 4030010 | 9.000      | Ea    |
| 0040              | Dr Structure, Temp Lowering                                   | 4030390 | 9.000      | Ea    |
| 0050              | Pavt, Cleaning  | 5010001 | 1.000      | LSUM  |
| 0060              | Cold Milling HMA Surface                                      | 5010002 | 25,226.000 | Syd   |
| 0070              | HMA Quality Initiative  | 5010007 | 5,848.000  | Dlr   |
| 0080              | Longitudinal Joint Density Quality Initiative                 | 5010018 | 13,290.000 | Dlr   |
| 0090              | Hand Patching   | 5010025 | 10.000     | Ton   |
| 0100              | HMA, 5E3, High Stress   | 5010515 | 2,914.000  | Ton   |
| 0110              | Curb and Gutter, Conc, Det C3                                 | 8020022 | 36.000     | Ft    |
| 0120              | Pavt Mrkg, Polyurea, 24 inch, Stop Bar                        | 8110114 | 48.000     | Ft    |
| 0130              | Pavt Mrkg, Waterborne, 4 inch, White                          | 8110231 | 2,215.000  | Ft    |
| 0140              | Pavt Mrkg, Waterborne, 4 inch, Yellow                         | 8110232 | 8,860.000  | Ft    |
| 0150              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White         | 8110251 | 2,215.000  | Ft    |
| 0160              | Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow        | 8110252 | 8,860.000  | Ft    |
| 0170              | Witness, Log, \$1,000.00                                      | 8110350 | 1,000.000  | Dlr   |
| 0180              | Channelizing Device, 42 inch, Fluorescent, Furn               | 8120035 | 130.000    | Ea    |
| 0190              | Channelizing Device, 42 inch, Fluorescent, Oper               | 8120036 | 130.000    | 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, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 710.000    | Ft    |
| 0240              | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 710.000    | Ft    |
| 0250              | Plastic Drum, Fluorescent, Furn                               | 8120252 | 25.000     | Ea    |
| 0260              | Plastic Drum, Fluorescent, Oper                               | 8120253 | 25.000     | Ea    |

|      |  |         |         |      |
|------|--|---------|---------|------|
| 0270 | Sign Cover                               | 8120310 | 8.000   | Ea   |
| 0280 | Sign, Portable, Changeable Message, Furn | 8120330 | 2.000   | Ea   |
| 0290 | Sign, Portable, Changeable Message, Oper | 8120331 | 2.000   | Ea   |
| 0300 | Sign, Type B, Temp, Prismatic, Furn      | 8120350 | 236.000 | Sft  |
| 0310 | Sign, Type B, Temp, Prismatic, Oper      | 8120351 | 236.000 | Sft  |
| 0320 | Traf Regulator Control                   | 8120370 | 1.000   | LSUM |
| 0330 | TS Face, Bag                             | 8200458 | 2.000   | Ea   |
| 0340 | TS Face, Bag, Rem                        | 8200459 | 2.000   | Ea   |
| 0350 | Gate Box, Adj, Temp, Case 1              | 8230391 | 1.000   | Ea   |

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 073

**Letting Date:** June 7, 2019

**Contract ID:** 63111-207893

**Description:** 0.84 mi of detail 7 joint and crack repairs and pavement markings on I-75BL (Square Lake Road) from Woodward Avenue (M-1) to Opdyke Road in the city of Pontiac, Oakland County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207893A        | N/A                    | N/A                 | M 63111         |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity   | Units |
|-------------------|--|---------|------------|-------|
| <b>Section: 1</b> |  |         |            |       |
| 0010              | Mobilization, Max \$36,700.00                                    | 1500001 | 1.000      | LSUM  |
| 0020              | Hand Patching  | 5010025 | 950.000    | Ton   |
| 0030              | _ Pavt Joint and Crack Repr, Det 7, Special                      | 5017001 | 19,000.000 | Ft    |
| 0040              | Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym                  | 8110063 | 5.000      | Ea    |
| 0050              | Pavt Mrkg, Ovly Cold Plastic, Only                               | 8110068 | 7.000      | Ea    |
| 0060              | Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym                  | 8110071 | 2.000      | Ea    |
| 0070              | Pavt Mrkg, Sprayable Thermopl, 4 inch, White                     | 8110153 | 4,500.000  | Ft    |
| 0080              | Witness, Log, \$1,000.00   | 8110350 | 1,000.000  | Dlr   |
| 0090              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 10.000     | Ea    |
| 0100              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 10.000     | Ea    |
| 0110              | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000      | Ea    |
| 0120              | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000      | Ea    |
| 0130              | Ltg for Night Work   | 8120160 | 1.000      | LSUM  |
| 0140              | Minor Traf Devices   | 8120170 | 1.000      | LSUM  |
| 0150              | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 202.000    | Ea    |
| 0160              | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 202.000    | Ea    |
| 0170              | Sign Cover   | 8120310 | 8.000      | Ea    |
| 0180              | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 2.000      | Ea    |
| 0190              | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 2.000      | Ea    |
| 0200              | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 312.000    | Sft   |
| 0210              | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 312.000    | Sft   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 074

**Letting Date:** June 7, 2019

**Contract ID:** 27022-204336

**Description:** Bridge rehabilitation including epoxy overlay, partial concrete deck, backwall, substructure repair, construction joint replacement, temporary supports and approach work on US-2 over the Big Presque Isle River, Gogebic County. This project includes a 5 year epoxy overlay performance warranty.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 204336A        | N/A                    | N/A                 | M 27022         |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$27,600.00                                    | 1500001 | 1.000     | LSUM  |
| 0020              | Curb and Gutter, Rem   | 2040020 | 15.000    | Ft    |
| 0030              | Pavt, Rem  | 2040050 | 245.000   | Syd   |
| 0040              | Embankment, CIP  | 2050010 | 15.000    | Cyd   |
| 0050              | Excavation, Earth  | 2050016 | 90.000    | Cyd   |
| 0060              | Aggregate Base   | 3020001 | 115.000   | Ton   |
| 0070              | Underdrain, Subbase, 6 inch                                      | 4040063 | 100.000   | Ft    |
| 0080              | Underdrain Outlet, 6 inch  | 4040093 | 60.000    | Ft    |
| 0090              | Underdrain, Outlet Ending, 6 inch                                | 4040113 | 4.000     | Ea    |
| 0100              | Cold Milling HMA Surface   | 5010002 | 88.000    | Syd   |
| 0110              | Hand Patching  | 5010025 | 10.000    | Ton   |
| 0120              | HMA Approach   | 5010061 | 16.000    | Ton   |
| 0130              | Conc Pavt, Curing Horizontal Surfaces                            | 6020159 | 230.000   | Syd   |
| 0140              | Joint, Expansion, E3   | 6020208 | 100.000   | Ft    |
| 0150              | Conc Quality Initiative  | 6020401 | 950.000   | Dlr   |
| 0160              | Lane Tie, Epoxy Anchored   | 6030030 | 65.000    | Ea    |
| 0170              | Conc Pavt, Bridge Approach, Reinf, High Performance              | 7060003 | 230.000   | Syd   |
| 0180              | Curb and Gutter, Bridge Approach                                 | 8020010 | 100.000   | Ft    |
| 0190              | Guardrail Reflector  | 8070080 | 8.000     | Ea    |
| 0200              | Guardrail, Reconst, Type B                                       | 8070105 | 132.000   | Ft    |
| 0210              | Guardrail, Reconst, Type T                                       | 8070109 | 80.000    | Ft    |
| 0220              | Pavt Mrkg, Waterborne, 4 inch, Yellow                            | 8110232 | 155.000   | Ft    |
| 0230              | Pavt Mrkg, Waterborne, 6 inch, White                             | 8110233 | 1,230.000 | Ft    |
| 0240              | Recessing Pavt Mrkg, Longit                                      | 8110450 | 965.000   | Ft    |
| 0250              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 4.000     | Ea    |
| 0260              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 4.000     | Ea    |

|      |   |         |           |      |
|------|---|---------|-----------|------|
| 0270 | Conc Barrier Ending, Temp, Detail 5, Adj                      | 8120060 | 2.000     | Ea   |
| 0280 | Conc Barrier Ending, Temp, Detail 5, Furn                     | 8120061 | 2.000     | Ea   |
| 0290 | Conc Barrier Ending, Temp, Detail 5, Oper                     | 8120062 | 2.000     | Ea   |
| 0300 | Conc Barrier Reflector Replacement                            | 8120070 | 20.000    | Ea   |
| 0310 | Conc Barrier, Temp, Adj                                       | 8120080 | 420.000   | Ft   |
| 0320 | Conc Barrier, Temp, Furn                                      | 8120081 | 420.000   | Ft   |
| 0330 | Conc Barrier, Temp, Oper                                      | 8120082 | 420.000   | Ft   |
| 0340 | Lighted Arrow, Type C, Furn                                   | 8120140 | 2.000     | Ea   |
| 0350 | Lighted Arrow, Type C, Oper                                   | 8120141 | 2.000     | Ea   |
| 0360 | Minor Traf Devices  | 8120170 | 1.000     | LSUM |
| 0370 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                  | 8120210 | 1,050.000 | Ft   |
| 0380 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | 8120245 | 1,155.000 | Ft   |
| 0390 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | 8120246 | 2,400.000 | Ft   |
| 0400 | Plastic Drum, Fluorescent, Furn                               | 8120252 | 20.000    | Ea   |
| 0410 | Plastic Drum, Fluorescent, Oper                               | 8120253 | 20.000    | Ea   |
| 0420 | Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar    | 8120265 | 24.000    | Ft   |
| 0430 | PTS System, Temp, Furn  | 8120270 | 1.000     | Ea   |
| 0440 | PTS System, Temp, Oper  | 8120271 | 1.000     | Ea   |
| 0450 | Sign, Type A, Temp, Prismatic, Furn                           | 8120340 | 12.000    | Sft  |
| 0460 | Sign, Type A, Temp, Prismatic, Oper                           | 8120341 | 12.000    | Sft  |
| 0470 | Sign, Type B, Temp, Prismatic, Furn                           | 8120350 | 531.000   | Sft  |
| 0480 | Sign, Type B, Temp, Prismatic, Oper                           | 8120351 | 531.000   | Sft  |
| 0490 | Traf Regulator Control  | 8120370 | 1.000     | LSUM |
| 0500 | Slope Restoration, Type B                                     | 8160101 | 120.000   | Syd  |

**Section: 2**

|      |  |         |           |      |
|------|--|---------|-----------|------|
| 0510 | Backfill, Structure, CIP                                   | 2060002 | 48.000    | Cyd  |
| 0520 | Excavation, Fdn  | 2060010 | 94.000    | Cyd  |
| 0530 | Erosion Control, Maintenance, Sediment Removal             | 2080026 | 5.000     | Cyd  |
| 0540 | Erosion Control, Silt Fence                                | 2080036 | 400.000   | Ft   |
| 0550 | Underdrain, Fdn, 4 inch                                    | 4040031 | 118.000   | Ft   |
| 0560 | Underdrain Outlet, 4 inch                                  | 4040091 | 40.000    | Ft   |
| 0570 | Underdrain, Outlet Ending, 4 inch                          | 4040111 | 4.000     | Ea   |
| 0580 | Steel Sheet Piling, Temp                                   | 7040002 | 125.000   | Sft  |
| 0590 | Steel Sheet Piling, Temp, Left in Place                    | 7040003 | 125.000   | Sft  |
| 0600 | False Decking  | 7060060 | 800.000   | Sft  |
| 0610 | Reinforcement, Steel, Epoxy Coated                         | 7060092 | 5,617.000 | Lb   |
| 0620 | Superstructure Conc  | 7060110 | 45.000    | Cyd  |
| 0630 | Superstructure Conc, Form, Finish, and Cure (B03 of 27022) | 7060111 | 1.000     | LSUM |
| 0640 | Water Repellent Treatment, Penetrating                     | 7060140 | 7.000     | Syd  |
| 0650 | Joint Waterproofing  | 7100001 | 10.000    | Sft  |
| 0660 | Joint Waterproofing, Expansion                             | 7100003 | 171.000   | Sft  |

|      |   |         |         |      |
|------|---|---------|---------|------|
| 0670 | Substructure Horizontal Surface Sealer (B03 of 27022)   | 7100030 | 20.000  | Syd  |
| 0680 | Bridge Barrier Railing, Type 4                          | 7110001 | 26.000  | Ft   |
| 0690 | Hand Chipping, Other Than Deck                          | 7120007 | 33.000  | Cft  |
| 0700 | Patch, Forming  | 7120017 | 55.000  | Sft  |
| 0710 | Epoxy Ovly, Rem   | 7120021 | 445.000 | Syd  |
| 0720 | Structures, Rehabilitation, Rem Portions (B03 of 27022) | 7120070 | 1.000   | LSUM |
| 0730 | Deck Joint, Rem   | 7120071 | 50.000  | Ft   |
| 0740 | Reinforcement, Mechanical Splice                        | 7120084 | 52.000  | Ea   |
| 0750 | Flushing Cracks, Water                                  | 7120098 | 80.000  | Ft   |
| 0760 | Structural Crack, Repr                                  | 7120099 | 80.000  | Ft   |
| 0770 | Top Flanges and Beam Ends, Clean and Coat               | 7120100 | 27.000  | Syd  |
| 0780 | Patching Conc, C-L                                      | 7120112 | 2.000   | Cyd  |
| 0790 | Embedded Galvanic Anode                                 | 7120120 | 58.000  | Ea   |
| 0800 | _ Priority 1, Epoxy Ovly, Warranty                      | 7127011 | 684.000 | Syd  |
| 0810 | Stiffeners, Furn, Fab, and Erect                        | 7130060 | 856.000 | Lb   |
| 0820 | Support, Diaphragm, Temp                                | 7130081 | 8.000   | Ea   |



**Schedule of Pay Items**

Report v1

**Letting Call:** 190607 075

**Letting Date:** June 7, 2019

**Contract ID:** 63051-207894

**Description:** Drainage structure improvements at multiple locations on various routes, Oakland County.

**Project Information**

| Project Number | Federal Project Number | Federal Item Number | Control Section |
|----------------|------------------------|---------------------|-----------------|
| 207894A        | N/A                    | N/A                 | M 63051         |

**List of Items by Section**

| Line Num          | Item Description   | Item ID | Quantity  | Units |
|-------------------|--|---------|-----------|-------|
| <b>Section: 1</b> |  |         |           |       |
| 0010              | Mobilization, Max \$45,200.00                                    | 1500001 | 1.000     | LSUM  |
| 0020              | Erosion Control, Inlet Protection, Fabric Drop                   | 2080020 | 75.000    | Ea    |
| 0030              | Erosion Control, Maintenance, Sediment Removal                   | 2080026 | 20.000    | Cyd   |
| 0040              | Dr Structure Cover, Adj, Case 1, Modified                        | 4030004 | 230.000   | Ea    |
| 0050              | Dr Structure Cover, Type C                                       | 4030015 | 20.000    | Ea    |
| 0060              | Dr Structure Cover, Type J                                       | 4030045 | 25.000    | Ea    |
| 0070              | Dr Structure Cover, Type K                                       | 4030050 | 10.000    | Ea    |
| 0080              | Dr Structure, Cleaning   | 4030290 | 230.000   | Ea    |
| 0090              | _ Dr Structure Repair, Add Depth                                 | 4037001 | 100.000   | Ft    |
| 0100              | _ Dr Structure Repair, Composite Pavt                            | 4037050 | 30.000    | Ea    |
| 0110              | _ Dr Structure, Hardened Debris, Rem                             | 4037050 | 60.000    | Ea    |
| 0120              | Crack Sealing, Conc Pavt   | 6030010 | 4,500.000 | Ft    |
| 0130              | Barricade, Type III, High Intensity, Double Sided, Lighted, Furn | 8120012 | 8.000     | Ea    |
| 0140              | Barricade, Type III, High Intensity, Double Sided, Lighted, Oper | 8120013 | 8.000     | Ea    |
| 0150              | Lighted Arrow, Type C, Furn                                      | 8120140 | 2.000     | Ea    |
| 0160              | Lighted Arrow, Type C, Oper                                      | 8120141 | 2.000     | Ea    |
| 0170              | Minor Traf Devices   | 8120170 | 1.000     | LSUM  |
| 0180              | Plastic Drum, Fluorescent, Furn                                  | 8120252 | 283.000   | Ea    |
| 0190              | Plastic Drum, Fluorescent, Oper                                  | 8120253 | 283.000   | Ea    |
| 0200              | Sign Cover   | 8120310 | 8.000     | Ea    |
| 0210              | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn        | 8120332 | 2.000     | Ea    |
| 0220              | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper        | 8120333 | 2.000     | Ea    |
| 0230              | Sign, Type B, Temp, Prismatic, Furn                              | 8120350 | 269.000   | Sft   |
| 0240              | Sign, Type B, Temp, Prismatic, Oper                              | 8120351 | 269.000   | Sft   |
| 0250              | Sign, Type B, Temp, Prismatic, Special, Furn                     | 8120352 | 20.000    | Sft   |
| 0260              | Sign, Type B, Temp, Prismatic, Special, Oper                     | 8120353 | 20.000    | Sft   |

|      |                           |         |         |      |
|------|---------------------------|---------|---------|------|
| 0270 | Traf Regulator Control    | 8120370 | 1.000   | LSUM |
| 0280 | Slope Restoration, Type B | 8160101 | 100.000 | Syd  |

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