

## Estimated Quantities -- Letting August 20, 2021

**Quantities shown are for information only and should not be used for bidding purposes. The official bid files should be obtained from [www.bidx.com](http://www.bidx.com)**

**Contract ID CNV908 - CARTER**

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**Contract ID:** CNV908

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 10003-3269-94  
10066-3205-14

STP-M-NH-37(23)  
HPP/STP-91(31)

**Counties:** CARTER

**District:**

**DBE Goal Percent:** 8.00

**Description:** The reconstruction on S.R. 91 Ext from U.S. 321 (S.R. 67) (L.M. 3.39) to U.S. 19E (S.R. 37) (L.M. 7.39), and signal upgrades on U.S. 19E (S.R. 37) at the intersection of U.S. 321 (S.R. 67, S.R. 91) (L.M. 22.00).

**Contract Time:** DT - 10/31/2022

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 105-01    | CONSTRUCTION STAKES, LINES AND GRADES                                | (1)       | LS    |
| 201-01    | CLEARING AND GRUBBING  | (1)       | LS    |
| 202-01.01 | REMOVAL OF STRUCTURES AND OBSTRUCTIONS                               | (1)       | LS    |
| 202-01.02 | REMOVAL OF ASBESTOS  | (1)       | LS    |
| 202-03    | REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.                            | 195.000   | S.Y.  |
| 202-04.01 | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(CATCH BASIN, MANHOLES) | (1)       | LS    |
| 203-01    | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)                            | 6,241.000 | C.Y.  |
| 203-06    | WATER  | 34.000    | M.G.  |
| 203-07    | FURNISHING & SPREADING TOPSOIL                                       | 165.000   | C.Y.  |
| 204-08.01 | BACKFILL MATERIAL (FLOWABLE FILL)                                    | 40.000    | C.Y.  |
| 208-01.05 | BROOMING & DEGRASSING SHOULDERS                                      | 8.000     | L.M.  |
| 209-03.20 | FILTER SOCK (8 INCH)   | 450.000   | L.F.  |
| 209-05    | SEDIMENT REMOVAL   | 1,540.000 | C.Y.  |
| 209-09.40 | CURB INLET PROTECTION (TYPE 1)                                       | 98.000    | EACH  |

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| <b>Item No.</b> | <b>Description</b>                                       | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 209-40.30       | CATCH BASIN PROTECTION (TYPE A)                          | 4.000           | EACH         |
| 209-40.41       | CATCH BASIN FILTER ASSEMBLY(TYPE 1)                      | 4.000           | EACH         |
| 303-01          | MINERAL AGGREGATE, TYPE A BASE, GRADING D                | 2,045.000       | TON          |
| 303-10.01       | MINERAL AGGREGATE (SIZE 57)                              | 4.000           | TON          |
| 307-01.01       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING A    | 27.000          | TON          |
| 307-01.08       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2 | 247.000         | TON          |
| 307-01.21       | ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S                | 8.000           | TON          |
| 307-02.01       | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM)<br>GRADING A    | 309.000         | TON          |
| 307-02.08       | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM)<br>GRADING B-M2 | 203.000         | TON          |
| 402-01          | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                  | 52.000          | TON          |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)                   | 71.000          | TON          |
| 407-20.05       | SAW CUTTING ASPHALT PAVEMENT                             | 360.000         | L.F.         |
| 411-01.10       | ACS MIX(PG64-22) GRADING D                               | 267.000         | TON          |
| 411-02.10       | ACS MIX(PG70-22) GRADING D                               | 10,835.000      | TON          |
| 415-01.01       | COLD PLANING BITUMINOUS PAVEMENT                         | 10,725.000      | TON          |
| 607-03.30       | 18" PIPE CULVERT   | 1,546.000       | L.F.         |
| 611-01.02       | MANHOLES, > 4' - 8' DEPTH                                | 4.000           | EACH         |
| 611-01.03       | MANHOLES, > 8' - 12' DEPTH                               | 2.000           | EACH         |
| 611-09.03       | CAPPING EXISTING CATCHBASIN                              | 12.000          | EACH         |
| 611-12.01       | CATCH BASINS, TYPE 12, 0' - 4' DEPTH                     | 2.000           | EACH         |
| 611-12.02       | CATCH BASINS, TYPE 12, > 4' - 8' DEPTH                   | 12.000          | EACH         |
| 611-12.03       | CATCH BASINS, TYPE 12, > 8' - 12' DEPTH                  | 3.000           | EACH         |
| 611-14.02       | CATCH BASINS, TYPE 14, > 4' - 8' DEPTH                   | 1.000           | EACH         |
| 611-25.01       | CATCH BASINS, TYPE 25, 0' - 4' DEPTH                     | 1.000           | EACH         |
| 701-01.01       | CONCRETE SIDEWALK (4 ")                                  | 19,079.000      | S.F.         |
| 701-02          | CONCRETE DRIVEWAY  | 2,303.000       | S.F.         |
| 701-02.01       | CONCRETE CURB RAMP (RETROFIT)                            | 3,122.000       | S.F.         |
| 701-02.03       | CONCRETE CURB RAMP                                       | 1,336.000       | S.F.         |

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|-----------------|---|-----------------|--------------|
| 701-99.91       | RAISED CONCRETE MEDIAN                                  | (1)             | LS           |
| 702-03          | CONCRETE COMBINED CURB & GUTTER                         | 387.000         | C.Y.         |
| 705-08.51       | PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3                | 55.000          | EACH         |
| 708-02.01       | MARKERS (CONCRETE R.O.W. POSTS)                         | 29.000          | EACH         |
| 709-05.05       | MACHINED RIP-RAP (CLASS A-3)                            | 150.000         | TON          |
| 709-05.06       | MACHINED RIP-RAP (CLASS A-1)                            | 23.000          | TON          |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL                    | 2,650.000       | L.F.         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                           | 258.000         | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                    | 881.000         | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                         | 108.000         | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                                    | 2.000           | EACH         |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                    | 761.000         | LB.          |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)                | 105.700         | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)                | 57.000          | S.F.         |
| 713-14.21       | STREET NAME SIGN (RIGID 0.100IN THICK                   | 124.000         | S.F.         |
| 713-15          | REMOVAL OF SIGNS, POSTS AND FOOTINGS                    | (1)             | LS           |
| 713-15.07       | SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)       | 9.000           | EACH         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                            | 5.000           | EACH         |
| 714-03.01       | DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)             | 110.000         | L.F.         |
| 714-05.04       | PULL BOXES (TYPE C)                                     | 2.000           | EACH         |
| 714-06.06       | CABLE (1/C # 4 AWG)                                     | 500.000         | L.F.         |
| 714-08.32       | REMOVAL OF LIGHT STANDARD & FOUNDATION                  | 1.000           | EACH         |
| 714-09.09       | LUMINAIRES (DESCRIPTION) (LED)                          | 2.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 686.000         | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR) | 530.000         | EACH         |
| 716-02.03       | PLASTIC PAVEMENT MARKING (CROSS-WALK)                   | 607.000         | L.F.         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)       | 1,168.000       | S.Y.         |

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|-----------------|--|-----------------|--------------|
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)   | 1,166.000       | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)                                     | 97.000          | EACH         |
| 716-02.08       | PLASTIC PAVEMENT MARKING (8" DOTTED LINE)                                      | 820.000         | L.F.         |
| 716-02.09       | PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)                             | 1,218.000       | L.F.         |
| 716-04.01       | PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)                                 | 1.000           | EACH         |
| 716-04.05       | PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)                                      | 7.000           | EACH         |
| 716-04.12       | PLASTIC PAVEMENT MARKING (YIELD LINE)  | 48.000          | S.F.         |
| 716-05.04       | PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)                             | 100.000         | S.Y.         |
| 716-05.05       | PAINTED PAVEMENT MARKING (STOP LINE)   | 500.000         | L.F.         |
| 716-05.06       | PAINTED PAVEMENT MARKING (TURN LANE ARROW)                                     | 50.000          | EACH         |
| 716-05.20       | PAINTED PAVEMENT MARKING (6" LINE)   | 30.000          | L.M.         |
| 716-08.01       | REMOVAL OF PAVEMENT MARKING (LINE)   | 2,000.000       | L.F.         |
| 716-08.04       | REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)                          | 300.000         | S.Y.         |
| 716-08.30       | HYDROBLAST REMOVAL OF PAVEMENT MARKING (LINE)                                  | 2.000           | L.M.         |
| 716-08.32       | HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (STOP LINE)               | 160.000         | L.F.         |
| 716-08.33       | HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (LANE ARROW)              | 13.000          | EACH         |
| 716-08.34       | HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (CHANNELIZATION STRIPING) | 280.000         | S.Y.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)                                 | 21.000          | L.M.         |
| 716-13.02       | SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)                                    | 1.200           | L.M.         |
| 716-13.03       | SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)                            | 4,200.000       | L.F.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 730-01.02       | REMOVAL OF SIGNAL EQUIPMENT  | 4.000           | EACH         |
| 730-02.09       | SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)                                      | 12.000          | EACH         |

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| 730-02.17       | SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)                 | 2.000           | EACH         |
| 730-02.30       | SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)    | 7.000           | EACH         |
| 730-02.31       | SIGNAL HEAD ASSEMBLY (DESCRIPTION) (140A1 WITH BACKPLATE)     | 1.000           | EACH         |
| 730-03.12       | AERIAL SPLICE ENCLOSURE                                       | 1.000           | EACH         |
| 730-03.21       | INSTALL PULL BOX (TYPE B)                                     | 11.000          | EACH         |
| 730-03.24       | INSTALL PULL BOX (FIBER OPTIC-TYPE B)                         | 2.000           | EACH         |
| 730-03.32       | FIBER OPTIC DROP CABLE  | 20.000          | L.F.         |
| 730-03.33       | FIBER OPTIC SPLICE FUSION                                     | 1.000           | EACH         |
| 730-05.01       | ELECTRICAL SERVICE CONNECTION                                 | 1.000           | EACH         |
| 730-05.02       | SERVICE CABLE (2 CONDUCTOR, # 8 AWG)                          | 100.000         | L.F.         |
| 730-05.04       | MODIFY EXISTING ELECTRICAL SERVICE CONNECTION                 | 1.000           | EACH         |
| 730-08.02       | SIGNAL CABLE - 5 CONDUCTOR                                    | 3,351.000       | L.F.         |
| 730-08.03       | SIGNAL CABLE - 7 CONDUCTOR                                    | 3,152.000       | L.F.         |
| 730-08.40       | INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (12 STRAND-SM) | 98.000          | L.F.         |
| 730-11.01       | STEEL CONDUIT RISER ASSEMBLY                                  | 1.000           | EACH         |
| 730-12.02       | CONDUIT 2" DIAMETER (PVC)                                     | 346.000         | L.F.         |
| 730-12.03       | CONDUIT 3" DIAMETER (PVC)                                     | 425.000         | L.F.         |
| 730-12.14       | CONDUIT 3" DIAMETER (JACK AND BORE)                           | 790.000         | L.F.         |
| 730-13.06       | VEHICLE DETECTOR (OPTICALLY ACTIVATED PRIORITY CONTROL)       | 4.000           | EACH         |
| 730-13.08       | VEHICLE DETECTOR (DESCRIPTION) (RADAR DETECTION - STOP LINE)  | 8.000           | EACH         |
| 730-13.09       | VEHICLE DETECTOR (DESCRIPTION) (RADAR DETECTION - ADVANCE)    | 6.000           | EACH         |
| 730-13.10       | VEHICLE DETECTOR (DESCRIPTION) (EMERGENCY PREEMPTION)         | 4.000           | EACH         |
| 730-15.07       | CABINET (DESCRIPTION) (BATTERY BACK-UP)                       | 1.000           | EACH         |
| 730-15.32       | CABINET (EIGHT PHASE BASE MOUNTED)                            | 2.000           | EACH         |
| 730-16.04       | CONTROLLER (ATC)  | 2.000           | EACH         |

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|-----------------|--|-----------------|--------------|
| 730-23.30       | PEDESTAL POLE (DESCRIPTION) (10' - PEDESTRIAN)                           | 8.000           | EACH         |
| 730-23.36       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 MAST ARM @ 38')               | 1.000           | EACH         |
| 730-23.37       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 MAST ARM @ 44' & 1 @ 68')     | 1.000           | EACH         |
| 730-23.39       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 MAST ARM @ 64')               | 1.000           | EACH         |
| 730-23.96       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 @ 65')                        | 1.000           | EACH         |
| 730-23.97       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 @ 85')                        | 1.000           | EACH         |
| 730-23.98       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 @ 90')                        | 1.000           | EACH         |
| 730-23.99       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 @ 85' W/ EXT. FOR LUMINAIRES) | 1.000           | EACH         |
| 730-26.11       | COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN                | 8.000           | EACH         |
| 730-35.06       | BATTERY BACK-UP AND POWER CONDITIONER                                    | 2.000           | EACH         |
| 730-40          | TEMPORARY TRAFFIC SIGNAL SYSTEM  | 5.000           | EACH         |
| 740-10.03       | GEOTEXTILE (TYPE III)(EROSION CONTROL)                                   | 311.000         | S.Y.         |
| 740-11.01       | TEMPORARY SEDIMENT TUBE 8IN  | 3,853.000       | L.F.         |
| 801-01          | SEEDING (WITH MULCH)   | 10.000          | UNIT         |
| 801-03          | WATER (SEEDING & SODDING)  | 6.000           | M.G.         |
| 803-01          | SODDING (NEW SOD)  | 592.000         | S.Y.         |
| 805-12.01       | EROSION CONTROL BLANKET (TYPE I)   | 527.000         | S.Y.         |
| 806-02.03       | PROJECT MOWING   | 4.000           | CYCL         |
| 303-10.01       | MINERAL AGGREGATE (SIZE 57)  | 3,872.000       | TON          |
| 714-03.01       | DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)                              | 1,630.000       | L.F.         |
| 714-05.03       | PULL BOXES (TYPE B)  | 8.000           | EACH         |
| 714-06.05       | CABLE (1/C # 6 AWG)  | 570.000         | L.F.         |
| 714-06.06       | CABLE (1/C # 4 AWG)  | 3,580.000       | L.F.         |
| 714-08.09       | LIGHT STANDARDS (DESCRIPTION) (45' MH)                                   | 6.000           | EACH         |
| 714-08.10       | LIGHT STANDARDS (DESCRIPTION) (30' MH)                                   | 2.000           | EACH         |

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| 714-08.20       | FOUNDATION (ONLY) FOR LIGHT STANDARD                       | 8.000           | EACH         |
| 714-08.32       | REMOVAL OF LIGHT STANDARD & FOUNDATION                     | 7.000           | EACH         |
| 714-08.33       | REMOVAL OF EXISTING COBRA HEAD LUMINAIRE                   | 45.000          | EACH         |
| 714-09.09       | LUMINAIRES (DESCRIPTION) (LED OFFSET - 168 WATT)           | 24.000          | EACH         |
| 714-09.10       | LUMINAIRES (DESCRIPTION) (LED COBRA - 95 WATT WITH 6' ARM) | 5.000           | EACH         |
| 725-03.36       | AS-BUILT PLANS   | (1)             | LS           |
| 725-03.38       | DYNAMIC MESSAGE SIGN                                       | 1.000           | EACH         |
| 790-02.04       | POLE 35FT CLASS 5 WOOD                                     | 4.000           | EACH         |
| 790-04.03       | POLE 45FT CLASS 3 WOOD                                     | 2.000           | EACH         |
| 790-05.02       | POLE 50FT CLASS 2 WOOD                                     | 5.000           | EACH         |
| 790-25.01       | 3PH CROSSARM SGL 15KV                                      | 1.000           | EACH         |
| 790-25.02       | 3PH NARROW PROFILE SGL 15KV                                | 1.000           | EACH         |
| 790-25.06       | 3PH CROSSARM DBL 15KV                                      | 3.000           | EACH         |
| 790-25.21       | 3PH CROSSARM DEADEND SGL 15KV                              | 1.000           | EACH         |
| 790-25.23       | 3PH CROSSARM DDE 15KV                                      | 1.000           | EACH         |
| 790-30.01       | SECONDARY ASSEMBLIES SMALL ANGLE                           | 1.000           | EACH         |
| 790-30.03       | SECONDARY ASSEMBLIES DEADEND                               | 17.000          | EACH         |
| 790-30.06       | SECONDARY CONDUCTOR 6 AL DUPLEX                            | 375.000         | L.F.         |
| 790-30.13       | SECONDARY CONDUCTOR 2 AL TRIPLEX                           | 215.000         | L.F.         |
| 790-30.14       | SECONDARY CONDUCTOR 1/0 AL TRIPLEX                         | 120.000         | L.F.         |
| 790-30.21       | SECONDARY CONDUCTOR 2 AL QPLEX                             | 170.000         | L.F.         |
| 790-32.01       | DOWN GUY - THROUGH BOLT TYPE                               | 11.000          | EACH         |
| 790-32.07       | OH GUY - THROUGH BOLT TYPE                                 | 7.000           | EACH         |
| 790-32.23       | GUY GUARD  | 11.000          | EACH         |
| 790-33.03       | SCREW TYPE ANCHOR 6,000LB-8,000LB                          | 11.000          | EACH         |
| 790-40.39       | OH COND 4/0 7 AAC OXLIP                                    | 660.000         | L.F.         |
| 790-40.46       | OH COND 556.5 19 AAC DAHLIA                                | 1,980.000       | L.F.         |
| 790-42.12       | CONDUIT - POLE MTD - 2IN SCH 80 PVC                        | 325.000         | L.F.         |
| 790-52.04       | 15KVA 1PH OH XFORMER 7.2KV 120/240                         | 2.000           | EACH         |

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| 790-52.06       | 25KVA 1PH OH XFORMER 7.2KV 120/240             | 1.000           | EACH         |
| 790-68.01       | POLE GROUND ROD TYPE                           | 13.000          | EACH         |
| 790-68.10       | MISCELLANEOUS ASSEMBLIES                       | 3.000           | EACH         |
| 790-98.01       | REMOVE WIRE                                    | 9,265.000       | L.F.         |
| 790-98.02       | REMOVE POLES                                   | 24.000          | EACH         |
| 790-98.03       | REMOVE FRAMING/ASSOCIATED APPARATUS            | 125.000         | EACH         |
| 791-03.02       | 2IN HDPE GAS MAIN                              | 1,035.000       | L.F.         |
| 791-04.02       | HDD 2IN PE PIPE - UNCONSOLIDATED               | 360.000         | L.F.         |
| 791-06.02       | CONNECT TO 2IN EX. PE MAIN                     | 4.000           | EACH         |
| 791-06.31       | CONNECT TO 2IN EX. STL MAIN W/ STOPPLE         | 1.000           | EACH         |
| 791-06.32       | CONNECT TO 4IN EX. STL MAIN W/ STOPPLE         | 1.000           | EACH         |
| 791-07.01       | 2IN PE GAS VALVE ASSEMBLY                      | 4.000           | EACH         |
| 791-07.08       | ( )IN PE GAS VALVE ASSEMBLY (3/4)              | 1.000           | EACH         |
| 791-07.20       | ADJUST EXISTING VALVE BOX                      | 1.000           | EACH         |
| 791-08.07       | 3/4IN PE SERVICE PIPE                          | 300.000         | L.F.         |
| 791-09.05       | RESTORE ASPHALT                                | 35.000          | S.Y.         |
| 791-09.06       | RESTORE CONCRETE                               | 1.000           | S.Y.         |
| 791-10.01       | RETIRE IN PLACE 3/4IN SERV CUT & PLUG          | 6.000           | EACH         |
| 791-10.10       | RETIRE GAS MAIN                                | (1)             | LS           |
| 793-01.08       | POLE 35FT CLASS 5 WOOD                         | 3.000           | EACH         |
| 793-01.40       | ANCHOR 3/4IN                                   | 9.000           | EACH         |
| 793-02.08       | GUY WIRE 10M OR 3/8IN                          | 9.000           | EACH         |
| 793-02.92       | OVERHEAD GUY WIRE (DESCRIPTION) (10M OR 3/8IN) | 4.000           | EACH         |
| 793-03.01       | 25 PAIR GROUP AERIAL SPLICE                    | 64.000          | EACH         |
| 793-03.03       | 10M STRAND                                     | 240.000         | L.F.         |
| 793-03.16       | 200 PAIRCABLE                                  | 30.000          | L.F.         |
| 793-03.17       | 300 PAIR CABLE                                 | 260.000         | L.F.         |
| 793-04.02       | 2 PAIR AERIAL DROP                             | 480.000         | L.F.         |
| 793-04.06       | READY ACCESS CLOSURE                           | 5.000           | EACH         |



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| 793-04.08       | TRANSFER AERIAL CABLE                | 10.000          | EACH         |
| 793-04.09       | TRANSFER AERIAL DROP                 | 2.000           | EACH         |
| 793-04.12       | UNDERGROUND SPLICE CLOSURE           | 3.000           | EACH         |
| 793-11.13       | BURIED RISER GUARD                   | 6.000           | EACH         |
| 793-11.17       | COMPOSITE HANDHOLE 5FTX3FTX3FT       | 3.000           | EACH         |
| 793-12.05       | 200 PAIR UG CABLE                    | 535.000         | L.F.         |
| 793-12.06       | 300 PAIR UG CABLE                    | 90.000          | L.F.         |
| 793-12.08       | 600 PAIR UG CABLE                    | 285.000         | L.F.         |
| 793-13.06       | 25 PAIR GROUP UG SPLICE              | 40.000          | EACH         |
| 793-13.17       | 2 DUCT FORMATION @ 36IN DEPTH        | 355.000         | L.F.         |
| 793-14.01       | SAND ENCASEMENT PER DUCT             | 710.000         | L.F.         |
| 793-14.12       | 1 1/4IN INNERDUCT                    | 1,710.000       | L.F.         |
| 793-16.04       | DIRECTIONAL BORE 4IN/FLEX SLEEVE     | 600.000         | L.F.         |
| 793-98.01       | REMOVE AERIAL CABLE AND WIRE         | 5,260.000       | L.F.         |
| 793-98.04       | REMOVE POLES ALL SIZES               | 15.000          | EACH         |
| 793-98.08       | REMOVE ANCHOR (ANY SIZE)             | 1.000           | EACH         |
| 795-01.03       | 6IN DIP RESTRAINED JOINT WATER LINE  | 300.000         | L.F.         |
| 795-01.04       | 6IN DIP SLIP JOINT WATER LINE        | 860.000         | L.F.         |
| 795-01.08       | 10IN DIP SLIP JOINT WATER LINE       | 34.000          | L.F.         |
| 795-01.12       | 14IN DIP SLIP JOINT WATER LINE       | 80.000          | L.F.         |
| 795-01.15       | 18IN DIP RESTRAINED JOINT WATER LINE | 130.000         | L.F.         |
| 795-01.16       | 18IN DIP SLIP JOINT WATER LINE       | 2,645.000       | L.F.         |
| 795-06.01       | CONNECT TO 2IN WATER LINE            | 9.000           | EACH         |
| 795-06.04       | CONNECT TO 6IN WATER LINE            | 3.000           | EACH         |
| 795-06.06       | CONNECT TO 10IN WATER LINE           | 1.000           | EACH         |
| 795-06.08       | CONNECT TO 14IN WATER LINE           | 2.000           | EACH         |
| 795-08.01       | 2IN GATE VALVE ASSEMBLY              | 8.000           | EACH         |
| 795-08.04       | 6IN GATE VALVE ASSEMBLY              | 9.000           | EACH         |
| 795-08.06       | 10IN GATE VALVE ASSEMBLY             | 1.000           | EACH         |
| 795-08.12       | 14IN GATE VALVE ASSEMBLY             | 2.000           | EACH         |

**Contract ID CNV908 - CARTER**

| <b>Item No.</b> | <b>Description</b>                           | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 795-08.16       | 18IN GATE VALVE ASSEMBLY                     | 4.000           | EACH         |
| 795-09.01       | 3/4IN WATER SERVICE METER ASSEMBLY           | 21.000          | EACH         |
| 795-09.02       | 1IN WATER SERVICE METER ASSEMBLY             | 10.000          | EACH         |
| 795-09.12       | 2IN COPPER SERVICE PIPE                      | 125.000         | L.F.         |
| 795-09.24       | TI OF 2IN HDPE CASING FOR SERVICE PIPE-UNCON | 200.000         | L.F.         |
| 795-09.29       | 1IN COPPER SERVICE PIPE                      | 500.000         | L.F.         |
| 795-10.05       | 2IN AUTO AIR RELEASE VALVE ASSEMBLY          | 2.000           | EACH         |
| 795-11.01       | BLOW-OFF ASSEMBLY                            | 2.000           | EACH         |
| 795-11.02       | FIRE HYDRANT ASSEMBLY                        | 4.000           | EACH         |
| 795-12.01       | REMOVE FIRE HYDRANT                          | 2.000           | EACH         |
| 795-12.02       | REMOVAL OF EXISTING LINE                     | (1)             | LS           |
| 797-05.02       | 8IN DIP GRAVITY SEWER 6FT-12FT DEPTH         | 2,020.000       | L.F.         |
| 797-05.05       | 10IN DIP GRAVITY SEWER 0FT-6FT DEPTH         | 250.000         | L.F.         |
| 797-05.14       | 16IN DIP GRAVITY SEWER 6FT-12FT DEPTH        | 60.000          | L.F.         |
| 797-07.02       | 48IN MANHOLE 4FT-6FT DEPTH                   | 1.000           | EACH         |
| 797-07.03       | 48IN MANHOLE 6FT-8FT DEPTH                   | 10.000          | EACH         |
| 797-07.04       | 48IN MANHOLE 8FT-10FT DEPTH                  | 2.000           | EACH         |
| 797-08.05       | 6IN PVC PIPE FOR SERVICE LATERAL             | 340.000         | L.F.         |
| 797-08.08       | 6IN CLEAN OUT ASSEMBLY                       | 17.000          | EACH         |
| 797-10.02       | CONNECT 8IN SEWER TO EXIST. MANHOLE          | 1.000           | EACH         |
| 797-10.06       | CONNECT 6IN LATERAL TO SEWER LINE            | 17.000          | EACH         |
| 797-10.09       | CONNECT EX. 8IN SEWER TO NEW MANHOLE         | 2.000           | EACH         |
| 797-10.10       | CONNECT EX.10-18IN SEWER TO NEW MANHOLE      | 3.000           | EACH         |
| 797-11.25       | RETIREIN PLACE 48IN MANHOLE                  | 8.000           | EACH         |
| 797-11.31       | RETIREIN PLACE EXISTING SEWER 8IN-14IN       | 2,025.000       | L.F.         |
| 797-11.38       | BY-PASS PUMPING                              | (1)             | LS           |

**( ) Item will be bid as lump sum.**

**Contract ID CNV909 - HAMILTON**

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**Contract ID:** CNV909

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 33010-4235-04

NA

**Counties:** HAMILTON

**District:**

**DBE Goal Percent:**

**Description:** The concrete repair using hot applied fiber reinforced polymer patching material on S.R. 2 from west of Cowart Street (L.M. 7.4) to Rossville Boulevard (L.M. 8.5).

**Contract Time:** DT - 12/31/2021

| <b>Item No.</b> | <b>Description</b>                          | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 502-03.05       | HOT APPLIED FIBER-POLYMER PATCHING MATERIAL | 61,500.000      | LB.          |
| 712-01          | TRAFFIC CONTROL                             | (1)             | LS           |
| 712-08.03       | ARROW BOARD (TYPE C)                        | 4.000           | EACH         |
| 712-08.12       | QUEUE PROTECTION TRUCK                      | 30.000          | DAY          |
| 712-08.20       | TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD     | 30.000          | DAY          |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                | 6.000           | EACH         |
| 717-01          | MOBILIZATION                                | (1)             | LS           |

**( ) Item will be bid as lump sum.**

**Contract ID CNV271 - ANDERSON , BLOUNT, ETC.**

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**Contract ID:** CNV271

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 98101-4115-04

NA

**Counties:** ANDERSON, BLOUNT, CAMPBELL, CARTER,  
CLAIBORNE, COCKE, GRAINGER, GREENE,  
HAMBLEN, HANCOCK, JEFFERSON,  
JOHNSON, KNOX, LOUDON, MONROE,  
MORGAN, ROANE, SCOTT, SEVIER,  
SULLIVAN, UNICOI, UNION, WASHINGTON

**District:**

**DBE Goal Percent:**

**Description:** The random on-call cable barrier repair on various Interstate and State Routes.

**Contract Time:** DT - 12/31/2022

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 705-06.40 | CABLE BARRIER (MASH TL-3)                                  | 100.000   | L.F.  |
| 705-06.41 | CABLE BARRIER ANCHOR (MASH TL-3)                           | 2.000     | EACH  |
| 705-80.01 | LONGITUDINAL CABLE BARRIER                                 | 520.000   | L.F.  |
| 705-80.03 | LONGITUDINAL CABLE BARRIER (END TERMINAL)<br>TL-3          | 3.000     | EACH  |
| 705-80.04 | SOCKETED LINE POST W/ALL ACCESSORIES                       | 2,900.000 | EACH  |
| 705-80.06 | TERMINAL POST W/ALL ACCESSORIES                            | 170.000   | EACH  |
| 705-80.07 | CABLE RELEASE POST (TOP) W/ALL ACCESSORIES                 | 40.000    | EACH  |
| 705-80.10 | LINE POST W/FTNG & ALL ACC.                                | 110.000   | EACH  |
| 705-80.12 | CHECK CABLE TENSION  | (1)       | LS    |
| 705-80.14 | END TERMINAL HARDWARE FOR ATTACHING<br>SINGLE CABLE        | 108.000   | EACH  |
| 705-80.15 | RETENSIONING CABLE BARRIER SECTION AFTER<br>REPAIR         | 200.000   | EACH  |
| 705-80.17 | LONGITUDINAL CABLE BARRIER TRAINING                        | 1.000     | EACH  |
| 705-80.19 | HARDWARE FOR ATTACHING ALL CABLES TO A<br>SINGLE POST      | 1,600.000 | EACH  |
| 705-80.20 | LONGITUDINAL CABLE BARRIER SPLICE<br>(TORPEDO, TURNBUCKLE) | 25.000    | EACH  |

**Contract ID CNV271 - ANDERSON , BLOUNT, ETC.**

| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 705-80.21       | LONGITUDINAL CABLE BARRIER CABLE                            | 1,000.000       | L.F.         |
| 705-80.22       | TERMINAL POST W/FOOTING AND ALL ACCESSORIES                 | 10.000          | EACH         |
| 705-80.23       | LONGITUDINAL CABLE BARRIER (END TERMINAL) TL-4              | 1.000           | EACH         |
| 705-80.24       | CONCRETE MONOLITHIC BLOCK FOR CABLE END TERMINAL FOUNDATION | 3.000           | EACH         |
| 706-80.18       | CABLE BARRIER TERMINAL (REMOVAL)                            | 5.000           | EACH         |
| 712-01.02       | LANE CLOSURE  | 10.000          | EACH         |
| 712-01.03       | LANE CLOSURE(NIGHT WORK)                                    | 10.000          | EACH         |
| 712-08.20       | TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD                     | 10.000          | DAY          |
| 717-01.03       | MOBILIZATION (PER CALL-OUT)                                 | 20.000          | EACH         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV274 - BENTON , CROCKETT, ETC.**

**Contract ID:** CNV274

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 98400-4182-04

NA

**Counties:** BENTON, CROCKETT, DECATUR, DYER,  
FAYETTE, HAYWOOD, HENDERSON,  
MADISON, OBION, SHELBY, TIPTON

**District:**

**DBE Goal Percent:**

**Description:** The random on-call cable barrier repair on various Interstate and State Routes.

**Contract Time:** DT - 12/31/2022

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 705-06.40 | CABLE BARRIER (MASH TL-3)                                  | 100.000   | L.F.  |
| 705-06.41 | CABLE BARRIER ANCHOR (MASH TL-3)                           | 2.000     | EACH  |
| 705-80.01 | LONGITUDINAL CABLE BARRIER                                 | 250.000   | L.F.  |
| 705-80.03 | LONGITUDINAL CABLE BARRIER (END TERMINAL)<br>TL-3          | 3.000     | EACH  |
| 705-80.04 | SOCKETED LINE POST W/ALL ACCESSORIES                       | 2,000.000 | EACH  |
| 705-80.06 | TERMINAL POST W/ALL ACCESSORIES                            | 70.000    | EACH  |
| 705-80.07 | CABLE RELEASE POST (TOP) W/ALL ACCESSORIES                 | 15.000    | EACH  |
| 705-80.09 | DRIVEN SOCKETED LINE POST W/ALL<br>ACCESSORIES             | 115.000   | EACH  |
| 705-80.10 | LINE POST W/FTNG & ALL ACC.                                | 10.000    | EACH  |
| 705-80.12 | CHECK CABLE TENSION  | (1)       | LS    |
| 705-80.14 | END TERMINAL HARDWARE FOR ATTACHING<br>SINGLE CABLE        | 15.000    | EACH  |
| 705-80.15 | RETENSIONING CABLE BARRIER SECTION AFTER<br>REPAIR         | 50.000    | EACH  |
| 705-80.17 | LONGITUDINAL CABLE BARRIER TRAINING                        | 1.000     | EACH  |
| 705-80.19 | HARDWARE FOR ATTACHING ALL CABLES TO A<br>SINGLE POST      | 500.000   | EACH  |
| 705-80.20 | LONGITUDINAL CABLE BARRIER SPLICE<br>(TORPEDO, TURNBUCKLE) | 20.000    | EACH  |
| 705-80.21 | LONGITUDINAL CABLE BARRIER CABLE                           | 100.000   | L.F.  |

**Contract ID CNV274 - BENTON , CROCKETT, ETC.**

| <b>Item No.</b> | <b>Description</b>                             | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 705-80.22       | TERMINAL POST W/FOOTING AND ALL ACCESSORIES    | 5.000           | EACH         |
| 705-80.23       | LONGITUDINAL CABLE BARRIER (END TERMINAL) TL-4 | 1.000           | EACH         |
| 706-80.18       | CABLE BARRIER TERMINAL (REMOVAL)               | 5.000           | EACH         |
| 712-01.02       | LANE CLOSURE                                   | 10.000          | EACH         |
| 712-01.03       | LANE CLOSURE(NIGHT WORK)                       | 10.000          | EACH         |
| 712-08.20       | TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD        | 10.000          | DAY          |
| 717-01.03       | MOBILIZATION (PER CALL-OUT)                    | 35.000          | EACH         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV272 - BRADLEY , COFFEE, ETC.**

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**Contract ID:** CNV272

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 98200-4179-04

NA

**Counties:** BRADLEY, COFFEE, CUMBERLAND,  
GRUNDY, HAMILTON, MARION, PUTNAM,  
SEQUATCHIE

**District:**

**DBE Goal Percent:**

**Description:** The random on-call cable barrier repair on various Interstate and State Routes.

**Contract Time:** DT - 12/31/2022

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 705-06.40       | CABLE BARRIER (MASH TL-3)                                  | 100.000         | L.F.         |
| 705-06.41       | CABLE BARRIER ANCHOR (MASH TL-3)                           | 2.000           | EACH         |
| 705-80.01       | LONGITUDINAL CABLE BARRIER                                 | 1,000.000       | L.F.         |
| 705-80.03       | LONGITUDINAL CABLE BARRIER (END TERMINAL)<br>TL-3          | 5.000           | EACH         |
| 705-80.04       | SOCKETED LINE POST W/ALL ACCESSORIES                       | 1,700.000       | EACH         |
| 705-80.06       | TERMINAL POST W/ALL ACCESSORIES                            | 70.000          | EACH         |
| 705-80.07       | CABLE RELEASE POST (TOP) W/ALL ACCESSORIES                 | 20.000          | EACH         |
| 705-80.10       | LINE POST W/FTNG & ALL ACC.                                | 20.000          | EACH         |
| 705-80.12       | CHECK CABLE TENSION  | (1)             | LS           |
| 705-80.14       | END TERMINAL HARDWARE FOR ATTACHING<br>SINGLE CABLE        | 20.000          | EACH         |
| 705-80.15       | RETENSIONING CABLE BARRIER SECTION AFTER<br>REPAIR         | 150.000         | EACH         |
| 705-80.17       | LONGITUDINAL CABLE BARRIER TRAINING                        | 1.000           | EACH         |
| 705-80.19       | HARDWARE FOR ATTACHING ALL CABLES TO A<br>SINGLE POST      | 500.000         | EACH         |
| 705-80.20       | LONGITUDINAL CABLE BARRIER SPLICE<br>(TORPEDO, TURNBUCKLE) | 35.000          | EACH         |
| 705-80.21       | LONGITUDINAL CABLE BARRIER CABLE                           | 500.000         | L.F.         |
| 705-80.22       | TERMINAL POST W/FOOTING AND ALL<br>ACCESSORIES             | 20.000          | EACH         |



**Contract ID CNV272 - BRADLEY , COFFEE, ETC.**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 705-80.23       | LONGITUDINAL CABLE BARRIER (END TERMINAL)<br>TL-4              | 2.000           | EACH         |
| 705-80.24       | CONCRETE MONOLITHIC BLOCK FOR CABLE END<br>TERMINAL FOUNDATION | 1.000           | EACH         |
| 706-80.18       | CABLE BARRIER TERMINAL (REMOVAL)                               | 8.000           | EACH         |
| 712-01.02       | LANE CLOSURE   | 10.000          | EACH         |
| 712-01.03       | LANE CLOSURE(NIGHT WORK)                                       | 10.000          | EACH         |
| 712-08.20       | TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD                        | 10.000          | DAY          |
| 717-01.03       | MOBILIZATION (PER CALL-OUT)                                    | 20.000          | EACH         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV249 - CARROLL**

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**Contract ID:** CNV249

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 09009-3238-94

HSIP-76(112)

**Counties:** CARROLL

**District:**

**DBE Goal Percent:**

**Description:** The miscellaneous safety improvements on U.S. 79 (S.R. 76) from south of Wingo Chapel Cemetery Lane (L.M. 8.60) to south of Sydnor Road (L.M. 12.40).

**Contract Time:** DT - 4/30/2022

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 705-04.21       | GUARDRAIL DELINEATION ENHANCEMENT                       | 5,270.000       | L.F.         |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 713-02.14       | FLEXIBLE DELINEATOR (WHITE)                             | 64.000          | EACH         |
| 713-02.21       | SIGN POST DELINEATION ENHANCEMENT                       | 159.000         | L.F.         |
| 713-11.01       | "U" SECTION STEEL POSTS                                 | 1,110.500       | LB.          |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                    | 818.700         | LB.          |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)                | 112.400         | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)                | 196.500         | S.F.         |
| 713-15          | REMOVAL OF SIGNS, POSTS AND FOOTINGS                    | (1)             | LS           |
| 713-15.35       | METAL BARRICADE (TYPE III)                              | 2.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 220.000         | EACH         |
| 716-13.02       | SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)             | 9.400           | L.M.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |

**( ) Item will be bid as lump sum.**

**Contract ID CNV273 - CHEATHAM , DAVIDSON, ETC.**

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**Contract ID:** CNV273

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 98304-4135-04

NA

**Counties:** CHEATHAM, DAVIDSON, DICKSON, GILES,  
HICKMAN, HUMPHREYS, LAWRENCE,  
MARSHALL, MAURY, MONTGOMERY,  
ROBERTSON, RUTHERFORD, SMITH,  
SUMNER, WILLIAMSON, WILSON

**District:**

**DBE Goal Percent:**

**Description:** The random on-call cable barrier repair on various Interstate and State Routes.

**Contract Time:** DT - 12/31/2022

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 705-06.40 | CABLE BARRIER (MASH TL-3)                                  | 100.000   | L.F.  |
| 705-06.41 | CABLE BARRIER ANCHOR (MASH TL-3)                           | 2.000     | EACH  |
| 705-80.01 | LONGITUDINAL CABLE BARRIER                                 | 200.000   | L.F.  |
| 705-80.03 | LONGITUDINAL CABLE BARRIER (END TERMINAL)<br>TL-3          | 3.000     | EACH  |
| 705-80.04 | SOCKETED LINE POST W/ALL ACCESSORIES                       | 2,000.000 | EACH  |
| 705-80.06 | TERMINAL POST W/ALL ACCESSORIES                            | 100.000   | EACH  |
| 705-80.07 | CABLE RELEASE POST (TOP) W/ALL ACCESSORIES                 | 30.000    | EACH  |
| 705-80.10 | LINE POST W/FTNG & ALL ACC.                                | 25.000    | EACH  |
| 705-80.12 | CHECK CABLE TENSION  | (1)       | LS    |
| 705-80.14 | END TERMINAL HARDWARE FOR ATTACHING<br>SINGLE CABLE        | 25.000    | EACH  |
| 705-80.15 | RETENSIONING CABLE BARRIER SECTION AFTER<br>REPAIR         | 100.000   | EACH  |
| 705-80.17 | LONGITUDINAL CABLE BARRIER TRAINING                        | 1.000     | EACH  |
| 705-80.19 | HARDWARE FOR ATTACHING ALL CABLES TO A<br>SINGLE POST      | 300.000   | EACH  |
| 705-80.20 | LONGITUDINAL CABLE BARRIER SPLICE<br>(TORPEDO, TURNBUCKLE) | 25.000    | EACH  |
| 705-80.21 | LONGITUDINAL CABLE BARRIER CABLE                           | 100.000   | L.F.  |

**Contract ID CNV273 - CHEATHAM , DAVIDSON, ETC.**

| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 705-80.22       | TERMINAL POST W/FOOTING AND ALL ACCESSORIES                 | 10.000          | EACH         |
| 705-80.23       | LONGITUDINAL CABLE BARRIER (END TERMINAL) TL-4              | 1.000           | EACH         |
| 705-80.24       | CONCRETE MONOLITHIC BLOCK FOR CABLE END TERMINAL FOUNDATION | 1.000           | EACH         |
| 706-80.18       | CABLE BARRIER TERMINAL (REMOVAL)                            | 8.000           | EACH         |
| 712-01.02       | LANE CLOSURE  | 10.000          | EACH         |
| 712-01.03       | LANE CLOSURE(NIGHT WORK)                                    | 10.000          | EACH         |
| 712-08.20       | TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD                     | 10.000          | DAY          |
| 717-01.03       | MOBILIZATION (PER CALL-OUT)                                 | 50.000          | EACH         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV125 - CLAIBORNE**

**Contract ID:** CNV125

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 13945-3485-94

HSIP-1300(29)

**Counties:** CLAIBORNE

**District:**

**DBE Goal Percent:**

**Description:** The miscellaneous safety improvements on various local roads.

**Contract Time:** DT - 5/31/2022

| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 712-01          | TRAFFIC CONTROL                                    | (1)             | LS           |
| 713-02.20       | ROADSIDE OBSTACLE DELINEATION                      | 65.000          | S.F.         |
| 713-02.21       | SIGN POST DELINEATION ENHANCEMENT                  | 852.000         | L.F.         |
| 713-11.01       | "U" SECTION STEEL POSTS                            | 1,131.000       | LB.          |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST               | 3,818.000       | LB.          |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)           | 598.000         | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)           | 594.000         | S.F.         |
| 713-15.36       | REMOVE SIGN, SUPPORT & FOOTING                     | 37.000          | EACH         |
| 713-16.05       | RAILROAD CROSS-BUCK SIGN & SUPPORT                 | 6.000           | EACH         |
| 713-16.09       | RAILROAD ADVANCE WARNING SIGN AND SUPPORT          | 1.000           | EACH         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)  | 32.000          | S.Y.         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)               | 654.000         | L.F.         |
| 716-03.02       | PLASTIC WORD PAVEMENT MARKING (RXR)                | 5.000           | EACH         |
| 716-13.01       | SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)        | 82.000          | L.M.         |
| 716-13.04       | SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE) | 1,220.000       | L.F.         |
| 716-13.05       | SPRAY THERMO PVMT MRKNG (60 mil) (6IN DOTTED LINE) | 1,745.000       | L.F.         |
| 717-01          | MOBILIZATION                                       | (1)             | LS           |

**( ) Item will be bid as lump sum.**

**Contract ID CNV125 - CLAIBORNE**

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**Contract ID CNV250 - COCKE**

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**Contract ID:** CNV250

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 15010-4207-04

NA

**Counties:** COCKE

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on U.S. 321 (S.R. 73) over Greenbrier Creek (L.M. 2.02).

**Contract Time:** DT - 10/31/2022

| Item No.  | Description   | Quantity   | Units |
|-----------|---|------------|-------|
| 105-01    | CONSTRUCTION STAKES, LINES AND GRADES                               | (1)        | LS    |
| 201-05.31 | VEGETATION REMOVAL  | (1)        | LS    |
| 202-04.01 | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(BR. NO. 15-SR73-2.02) | (1)        | LS    |
| 204-04.10 | STRUCTURE EXCAVATION UNCLASSIFIED                                   | 132.000    | C.Y.  |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)                                 | 300.000    | L.F.  |
| 209-09.03 | SEDIMENT FILTER BAG (15' X 15')                                     | 2.000      | EACH  |
| 209-65.04 | TEMPORARY IN STREAM DIVERSION                                       | 200.000    | L.F.  |
| 303-10.01 | MINERAL AGGREGATE (SIZE 57)   | 40.000     | TON   |
| 307-01.08 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2            | 7.400      | TON   |
| 402-01    | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                             | 0.100      | TON   |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)                              | 1.100      | TON   |
| 411-01.10 | ACS MIX(PG64-22) GRADING D  | 160.000    | TON   |
| 415-01.02 | COLD PLANING BITUMINOUS PAVEMENT                                    | 2,420.000  | S.Y.  |
| 604-02.03 | EPOXY COATED REINFORCING STEEL                                      | 31,211.000 | LB.   |
| 604-03.01 | CLASS A CONCRETE (BRIDGES)  | 10.000     | C.Y.  |
| 604-03.04 | PAVEMENT @ BRIDGE ENDS  | 81.000     | S.Y.  |
| 604-03.09 | CLASS D CONCRETE (BRIDGE DECK)                                      | 89.000     | C.Y.  |
| 604-04.01 | APPLIED TEXTURE FINISH (NEW STRUCTURES)                             | 500.000    | S.Y.  |
| 604-05.31 | BRIDGE DECK GROOVING (MECHANICAL)                                   | 444.000    | S.Y.  |
| 604-10.05 | CONCRETE  | 69.000     | S.F.  |

**Contract ID CNV250 - COCKE**

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 604-10.14       | REMOVE EXISTING WEARING SURFACE                         | (1)             | LS           |
| 604-10.54       | CONCRETE REPAIRS  | 69.000          | S.F.         |
| 604-10.63       | CONCRETE REPAIRS (CRACKS)                               | 18.000          | L.F.         |
| 615-02.52       | PRESTRESSED CONCRETE BOX BEAM (--" X --") (15" X 24")   | 324.000         | L.F.         |
| 620-05.01       | CONC PARAPET SINGLE SLOPE (STD-1-1SS)                   | 171.000         | L.F.         |
| 705-04.09       | EARTH PAD FOR TYPE 38 GR END TREATMENT                  | 4.000           | EACH         |
| 705-06.01       | W BEAM GR (TYPE 2) MASH TL-3                            | 157.000         | L.F.         |
| 705-06.20       | TANGENT ENERGY ABSORBING TERM MASH TL-3                 | 4.000           | EACH         |
| 705-06.25       | THRIE BEAM BRIDGE TRANSITION MASH TL-3                  | 4.000           | EACH         |
| 706-01          | GUARDRAIL REMOVED                                       | 460.000         | L.F.         |
| 707-08.11       | HIGH-VISIBILITY CONSTRUCTION FENCE                      | 200.000         | L.F.         |
| 709-05.06       | MACHINED RIP-RAP (CLASS A-1)                            | 45.000          | TON          |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-02.12       | PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)   | 380.000         | L.F.         |
| 712-02.60       | TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)           | 2.000           | EACH         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                           | 15.000          | EACH         |
| 712-04.50       | BARRIER RAIL DELINEATOR                                 | 11.000          | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                    | 1,280.000       | S.F.         |
| 712-09.01       | REMOVABLE PAVEMENT MARKING LINE                         | 4,000.000       | L.F.         |
| 712-09.02       | REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)            | 2,400.000       | L.F.         |
| 712-09.04       | REMOVABLE PAVEMENT MARKING (STOP LINE)                  | 24.000          | L.F.         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                            | 2.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 12.000          | EACH         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)          | 1.000           | L.M.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |
| 730-40          | TEMPORARY TRAFFIC SIGNAL SYSTEM                         | 1.000           | EACH         |
| 740-10.03       | GEOTEXTILE (TYPE III)(EROSION CONTROL)                  | 160.000         | S.Y.         |



**Contract ID CNV250 - COCKE**

| <b>Item No.</b> | <b>Description</b>                  | <b>Quantity</b> | <b>Units</b> |
|-----------------|-------------------------------------|-----------------|--------------|
| 740-10.04       | GEOTEXTILE (TYPE IV)(STABILIZATION) | 63.000          | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV145 - COFFEE**

**Contract ID:** CNV145

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 16002-4217-04

N/A

**Counties:** COFFEE

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on U.S. 41 (S.R. 2) over Blue Spring Creek (L.M. 21.03).

**Contract Time:** DT - 9/30/2022

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 105-01          | CONSTRUCTION STAKES, LINES AND GRADES                                    | (1)             | LS           |
| 201-07.01       | REMOVAL AND DISPOSAL OF BRUSH & TREES                                    | (1)             | LS           |
| 202-04.01       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(BRIDGE NO. 16-SR002-21.03) | (1)             | LS           |
| 204-02.01       | DRY EXCAVATION (BRIDGES)   | 615.000         | C.Y.         |
| 209-08.02       | TEMPORARY SILT FENCE (WITH BACKING)                                      | 665.000         | L.F.         |
| 303-10.01       | MINERAL AGGREGATE (SIZE 57)  | 840.000         | TON          |
| 307-01.01       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING A                    | 56.700          | TON          |
| 307-01.08       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2                 | 75.000          | TON          |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)                                   | 1.000           | TON          |
| 411-01.10       | ACS MIX(PG64-22) GRADING D   | 120.000         | TON          |
| 411-12.04       | SCORING FOR RUMBLE STRIPE (NON-<br>CONTINUOUS) (4IN WIDTH)               | 0.300           | L.M.         |
| 415-01.02       | COLD PLANING BITUMINOUS PAVEMENT   | 1,800.000       | S.Y.         |
| 604-02.03       | EPOXY COATED REINFORCING STEEL   | 48,705.000      | LB.          |
| 604-03.01       | CLASS A CONCRETE (BRIDGES)   | 32.000          | C.Y.         |
| 604-03.02       | STEEL BAR REINFORCEMENT (BRIDGES)  | 1,648.000       | LB.          |
| 604-03.04       | PAVEMENT @ BRIDGE ENDS   | 197.000         | S.Y.         |
| 604-03.09       | CLASS D CONCRETE (BRIDGE DECK)   | 165.000         | C.Y.         |
| 604-04.01       | APPLIED TEXTURE FINISH (NEW STRUCTURES)                                  | 507.000         | S.Y.         |
| 604-05.31       | BRIDGE DECK GROOVING (MECHANICAL)  | 722.000         | S.Y.         |

**Contract ID CNV145 - COFFEE**

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 604-10.05       | CONCRETE  | 55.000          | S.F.         |
| 604-10.18       | REINFORCING STEEL (REPAIRS)                             | 2,650.000       | LB.          |
| 604-10.54       | CONCRETE REPAIRS  | 56.000          | S.F.         |
| 604-10.58       | EPOXY INJECTION (INJECTION)                             | 2.000           | GAL.         |
| 604-10.62       | EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)          | 35.000          | L.F.         |
| 615-02.19       | PRESTRESSED CONCRETE BOX BEAM (24" X 36")               | 693.000         | L.F.         |
| 617-02          | BRIDGE DECK CRACK SEALING                               | 192.000         | L.F.         |
| 617-05          | SEALANT (DESCRIPTION) (HMWM)                            | 2.000           | GAL.         |
| 620-05.01       | CONC PARAPET SINGLE SLOPE (STD-1-1SS)                   | 336.000         | L.F.         |
| 621-05.02       | TEMPORARY SHORING                                       | (1)             | LS           |
| 705-06.01       | W BEAM GR (TYPE 2) MASH TL-3                            | 100.000         | L.F.         |
| 705-06.20       | TANGENT ENERGY ABSORBING TERM MASH TL-3                 | 4.000           | EACH         |
| 705-06.25       | THRIE BEAM BRIDGE TRANSITION MASH TL-3                  | 4.000           | EACH         |
| 706-01          | GUARDRAIL REMOVED                                       | 318.000         | L.F.         |
| 710-09.01       | 6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM           | 75.000          | L.F.         |
| 710-09.02       | 6" PIPE UNDERDRAIN                                      | 90.000          | L.F.         |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-02.10       | PORTABLE BARRIER RAIL (MASH TL-3)                       | 400.000         | L.F.         |
| 712-02.12       | PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)   | 260.000         | L.F.         |
| 712-02.60       | TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)           | 4.000           | EACH         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                           | 30.000          | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                    | 360.000         | S.F.         |
| 712-09.01       | REMOVABLE PAVEMENT MARKING LINE                         | 5,490.000       | L.F.         |
| 712-09.04       | REMOVABLE PAVEMENT MARKING (STOP LINE)                  | 24.000          | L.F.         |
| 712-10.02       | TEMPORARY TRANSVERSE RUMBLE STRIPS                      | 96.000          | L.F.         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                            | 2.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 5.000           | EACH         |

**Contract ID CNV145 - COFFEE**

| <b>Item No.</b> | <b>Description</b>                             | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 716-01.30       | REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER      | 5.000           | EACH         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE) | 0.350           | L.M.         |
| 717-01          | MOBILIZATION                                   | (1)             | LS           |
| 730-40.02       | TEMPORARY TRAFFIC SIGNAL SYSTEM                | (1)             | LS           |
| 740-07.04       | GEOGRID REINFORCEMENT TYPE 2                   | 1,585.000       | S.Y.         |
| 740-10.04       | GEOTEXTILE (TYPE IV)(STABILIZATION)            | 510.000         | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV262 - DAVIDSON**

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**Contract ID:** CNV262

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 19006-4124-04

NA

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on I-40 WB over the C.S.X. Railroad (L.M. 18.59).

**Contract Time:** DT - 11/30/2021

| <b>Item No.</b> | <b>Description</b>                                   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 209-08.02       | TEMPORARY SILT FENCE (WITH BACKING)                  | 200.000         | L.F.         |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)               | 1.000           | TON          |
| 411-01.10       | ACS MIX(PG64-22) GRADING D                           | 95.000          | TON          |
| 411-01.11       | ACS MIX(PG64-22) GRADING E RDWY                      | 26.000          | TON          |
| 415-01.02       | COLD PLANING BITUMINOUS PAVEMENT                     | 1,016.000       | S.Y.         |
| 604-04.02       | APPLIED TEXTURE FINISH (EXISTING STRUCTURES)         | 110.000         | S.Y.         |
| 604-10.09       | CONCRETE   | 55.000          | C.Y.         |
| 604-10.13       | CONCRETE SLAB REMOVAL                                | (1)             | LS           |
| 604-10.14       | REMOVE EXISTING WEARING SURFACE                      | (1)             | LS           |
| 604-10.18       | REINFORCING STEEL (REPAIRS)                          | 29,800.000      | LB.          |
| 604-10.89       | MISCELLANEOUS BRIDGE ITEMS (Description) (FALSEWORK) | (1)             | LS           |
| 604-10.90       | MISCELLANEOUS BRIDGE ITEMS                           | (1)             | LS           |
| 617-01          | BRIDGE DECK SEALANT                                  | 240.000         | S.Y.         |
| 620-10.01       | CONCRETE PARAPET (BRIDGERAIL REPLACEMENT)            | 140.000         | L.F.         |
| 705-04.50       | PORTABLE BARRIER RAIL DELINEATOR                     | 82.000          | EACH         |
| 705-08.51       | PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3             | 2.000           | EACH         |
| 707-07.01       | CHAIN-LINK FENCE (BRIDGES)                           | 515.000         | S.F.         |
| 712-01          | TRAFFIC CONTROL                                      | (1)             | LS           |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL                 | 1,510.000       | L.F.         |

**Contract ID CNV262 - DAVIDSON**

| <b>Item No.</b> | <b>Description</b>                                     | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 712-02.47       | BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL    | 205.000         | L.F.         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                          | 172.000         | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                   | 2,405.000       | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                        | 240.000         | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                                   | 4.000           | EACH         |
| 712-08.10       | MOBILE MESSAGE SIGN UNIT W/ATTENUATOR                  | 230.000         | HOURL        |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                           | 2.000           | EACH         |
| 713-16.20       | SIGNS (DESCRIPTION) (COVER OVERHEAD SIGN)              | 8.000           | EACH         |
| 714-02.02       | ENCASED CONDUIT (2" PVC, SCHEDULE 40)                  | 140.000         | L.F.         |
| 714-06.07       | CABLE (1/C # 2 AWG)                                    | 420.000         | L.F.         |
| 716-01.23       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR) | 10.000          | EACH         |
| 716-02.07       | PLASTIC PAVEMENT MARKING (24" BARRIER LINE)            | 275.000         | L.F.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)         | 0.100           | L.M.         |
| 716-12.03       | ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE) | 310.000         | L.F.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 740-11.03       | TEMPORARY SEDIMENT TUBE 18IN                           | 50.000          | L.F.         |
| 801-03          | WATER (SEEDING & SODDING)                              | 6.000           | M.G.         |
| 803-01          | SODDING (NEW SOD)                                      | 600.000         | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV217 - DAVIDSON**

**Contract ID:** CNV217

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 19018-4222-04

NA

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on U.S. 70S (S.R. 1, Harding Pike) over Sugartree Creek (L.M. 12.95).

**Contract Time:** DT - 4/30/2022

| Item No.  | Description   | Quantity  | Units |
|-----------|---|-----------|-------|
| 202-04.02 | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(CONCRETE WALL)                    | (1)       | LS    |
| 209-65.01 | TEMPORARY STREAM DIVERSION (DESCRIPTION)<br>(CULVERT)                           | (1)       | LS    |
| 602-02.01 | STRUCTURAL STEEL (LOCATION & DESCRIPTION)<br>(WINGWALL BRACKET)                 | 2,438.000 | LB.   |
| 602-02.10 | STRUCTURAL STEEL (LOCATION & DESCRIPTION)<br>(INSTALLATION OF WINGWALL BRACKET) | (1)       | LS    |
| 602-10.05 | BRACING REPAIRS   | (1)       | LS    |
| 604-01.20 | BOX TUBE SAFETY RAIL  | 15.000    | L.F.  |
| 604-10.54 | CONCRETE REPAIRS  | 2,636.000 | S.F.  |
| 606-24.10 | SHEET PILES   | 63.000    | S.F.  |
| 607-37.30 | 12IN CORRUGATED METAL PIPE CULVERT  | 2.000     | L.F.  |
| 701-01.10 | CONCRETE SIDEWALK (DESCRIPTION)   | 85.000    | S.F.  |
| 701-02.03 | CONCRETE CURB RAMP  | 60.000    | S.F.  |
| 702-01    | CONCRETE CURB   | 1.000     | C.Y.  |
| 709-05.06 | MACHINED RIP-RAP (CLASS A-1)  | 10.000    | TON   |
| 712-01    | TRAFFIC CONTROL   | (1)       | LS    |
| 712-02.02 | INTERCONNECTED PORTABLE BARRIER RAIL  | 150.000   | L.F.  |
| 712-04.01 | FLEXIBLE DRUMS (CHANNELIZING)   | 13.000    | EACH  |
| 712-04.50 | BARRIER RAIL DELINEATOR   | 10.000    | EACH  |
| 712-05.01 | WARNING LIGHTS (TYPE A)   | 5.000     | EACH  |

**Contract ID CNV217 - DAVIDSON**

| <b>Item No.</b> | <b>Description</b>                             | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 712-06          | SIGNS (CONSTRUCTION)                           | 232.000         | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                | 40.000          | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                           | 1.000           | EACH         |
| 712-09.02       | REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)   | 345.000         | L.F.         |
| 713-15.02       | REMOVAL & RELOCATION OF SIGN & SUPPORT         | 1.000           | EACH         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)     | 1.000           | EACH         |
| 716-04.05       | PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)      | 3.000           | EACH         |
| 716-08.01       | REMOVAL OF PAVEMENT MARKING (LINE)             | 345.000         | L.F.         |
| 716-08.06       | REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)  | 4.000           | EACH         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE) | 0.090           | L.M.         |
| 717-01          | MOBILIZATION                                   | (1)             | LS           |
| 740-11.03       | TEMPORARY SEDIMENT TUBE 18IN                   | 400.000         | L.F.         |
| 801-01          | SEEDING (WITH MULCH)                           | 1.000           | UNIT         |

**( ) Item will be bid as lump sum.**



**Contract ID CNV229 - GILES**

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**Contract ID:** CNV229

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 28003-3228-94

HSIP-7(38)

**Counties:** GILES

**District:**

**DBE Goal Percent:** 9.00

**Description:** The miscellaneous safety improvements on U.S. 31 (S.R. 7) from south of Old Campbellsville Road (L.M. 24.94) to north of Ella West Circle (L.M. 35.08).

**Contract Time:** DT - 4/30/2022

| <b>Item No.</b> | <b>Description</b>                                     | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 411-12.04       | SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH) | 10.340          | L.M.         |
| 705-02.02       | SINGLE GUARDRAIL (TYPE 2)                              | 60.000          | L.F.         |
| 705-04.09       | EARTH PAD FOR TYPE 38 GR END TREATMENT                 | 21.000          | EACH         |
| 705-04.21       | GUARDRAIL DELINEATION ENHANCEMENT                      | 5,185.000       | L.F.         |
| 705-06.20       | TANGENT ENERGY ABSORBING TERM MASH TL-3                | 21.000          | EACH         |
| 712-01          | TRAFFIC CONTROL  | (1)             | LS           |
| 713-02.04       | DELINEATOR (MILE MARKER) & STEEL POST                  | 10.000          | EACH         |
| 713-02.11       | REMOVAL OF EXISTING DELINEATORS                        | 28.000          | EACH         |
| 713-02.20       | ROADSIDE OBSTACLE DELINEATION                          | 122.000         | S.F.         |
| 713-02.21       | SIGN POST DELINEATION ENHANCEMENT                      | 582.000         | L.F.         |
| 713-02.22       | BARRIER WALL DELINEATION ENHANCEMENT                   | 1,350.000       | L.F.         |
| 713-11.01       | "U" SECTION STEEL POSTS                                | 2,126.000       | LB.          |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                   | 5,091.000       | LB.          |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)               | 505.000         | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)               | 1,034.000       | S.F.         |
| 713-15.36       | REMOVE SIGN, SUPPORT & FOOTING                         | 189.000         | EACH         |
| 716-01.23       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR) | 386.000         | EACH         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)      | 24.000          | S.Y.         |

**Contract ID CNV229 - GILES**

| <b>Item No.</b> | <b>Description</b>                                     | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                   | 333.000         | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE<br>ARROW)          | 4.000           | EACH         |
| 716-08.06       | REMOVAL OF PAVEMENT MARKING (TURN LANE<br>ARROW)       | 4.000           | EACH         |
| 716-13.02       | SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)            | 20.680          | L.M.         |
| 716-13.03       | SPRAY THERMO PVMT MRKNG (60 mil) (8IN<br>BARRIER LINE) | 730.000         | L.F.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |

**( ) Item will be bid as lump sum.**

**Contract ID CNV265 - HENDERSON**

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**Contract ID:** CNV265

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 39007-3216-94

PHSIP-100(69)

**Counties:** HENDERSON

**District:**

**DBE Goal Percent:** 8.00

**Description:** The construction of turn lanes on S.R. 100 at the intersection of S.R. 104 (L.M. 5.82), including grading, drainage, signals and paving.

**Contract Time:** CD - 90

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 105-01    | CONSTRUCTION STAKES, LINES AND GRADES                          | (1)       | LS    |
| 201-01    | CLEARING AND GRUBBING  | (1)       | LS    |
| 202-01.13 | REMOVAL OF PIPE (SIZE ,STA.) (18" CMP ,102+79.70.)             | 4.300     | L.F.  |
| 203-01    | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)                      | 1,287.000 | C.Y.  |
| 203-03    | BORROW EXCAVATION (UNCLASSIFIED)                               | 142.000   | C.Y.  |
| 203-06    | WATER  | 5.000     | M.G.  |
| 209-05    | SEDIMENT REMOVAL   | 45.000    | C.Y.  |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)                            | 1,047.000 | L.F.  |
| 209-08.03 | TEMPORARY SILT FENCE (WITHOUT BACKING)                         | 628.000   | L.F.  |
| 209-08.07 | ROCK CHECK DAM   | 5.000     | EACH  |
| 209-08.08 | ENHANCED ROCK CHECK DAM  | 8.000     | EACH  |
| 209-09.01 | SANDBAGS   | 320.000   | BAG   |
| 209-09.03 | SEDIMENT FILTER BAG (15' X 15')                                | 1.000     | EACH  |
| 209-20.04 | POLYETHYLENE SHEETING (10 MIL.)                                | 200.000   | S.Y.  |
| 209-40.33 | CATCH BASIN PROTECTION (TYPE D)                                | 3.000     | EACH  |
| 303-01    | MINERAL AGGREGATE, TYPE A BASE, GRADING D                      | 1,146.000 | TON   |
| 303-02    | MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D) | 100.000   | TON   |
| 303-10.01 | MINERAL AGGREGATE (SIZE 57)                                    | 105.000   | TON   |

**Contract ID CNV265 - HENDERSON**

| <b>Item No.</b> | <b>Description</b>                                       | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 307-01.01       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING A    | 380.000         | TON          |
| 307-01.08       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2 | 238.000         | TON          |
| 402-01          | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                  | 3.000           | TON          |
| 402-02          | AGGREGATE FOR COVER MATERIAL (PC)                        | 10.000          | TON          |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)                   | 3.000           | TON          |
| 407-20.05       | SAW CUTTING ASPHALT PAVEMENT                             | 1,200.000       | L.F.         |
| 411-01.10       | ACS MIX(PG64-22) GRADING D                               | 445.000         | TON          |
| 415-01.02       | COLD PLANING BITUMINOUS PAVEMENT                         | 4,708.000       | S.Y.         |
| 604-03.07       | CLASS A CONCRETE (DESCRIPTION) (CONCRETE<br>ISLAND)      | 35.000          | C.Y.         |
| 607-06.02       | 30" CONCRETE PIPE CULVERT (CLASS III)                    | 32.000          | L.F.         |
| 607-37.02       | 18" CORRUGATED METAL PIPE CULVERT                        | 8.000           | L.F.         |
| 611-07.57       | 24IN ENDWALL (CROSS DRAIN) 3:1                           | 2.000           | EACH         |
| 611-07.63       | 36IN ENDWALL (CROSS DRAIN) 3:1                           | 2.000           | EACH         |
| 621-03.02       | 18" TEMPORARY DRAINAGE PIPE                              | 36.000          | L.F.         |
| 621-03.03       | 24" TEMPORARY DRAINAGE PIPE                              | 177.000         | L.F.         |
| 705-08.51       | PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3                 | 12.000          | EACH         |
| 707-08.11       | HIGH-VISIBILITY CONSTRUCTION FENCE                       | 200.000         | L.F.         |
| 708-02.01       | MARKERS (CONCRETE R.O.W. POSTS)                          | 12.000          | EACH         |
| 709-05.05       | MACHINED RIP-RAP (CLASS A-3)                             | 100.000         | TON          |
| 709-05.06       | MACHINED RIP-RAP (CLASS A-1)                             | 25.000          | TON          |
| 709-05.08       | MACHINED RIP-RAP (CLASS B)                               | 144.000         | TON          |
| 712-01          | TRAFFIC CONTROL  | (1)             | LS           |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL                     | 1,212.000       | L.F.         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                            | 12.000          | EACH         |
| 712-04.50       | BARRIER RAIL DELINEATOR                                  | 61.000          | EACH         |
| 712-05.01       | WARNING LIGHTS (TYPE A)                                  | 20.000          | EACH         |
| 712-05.03       | WARNING LIGHTS (TYPE C)                                  | 10.000          | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                     | 136.000         | S.F.         |

**Contract ID CNV265 - HENDERSON**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 712-08.03       | ARROW BOARD (TYPE C)                                       | 2.000           | EACH         |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)                   | 20.000          | S.F.         |
| 713-15.36       | REMOVE SIGN, SUPPORT & FOOTING                             | 12.000          | EACH         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                               | 2.000           | EACH         |
| 713-16.20       | SIGNS (DESCRIPTION) (R1-1)                                 | 2.000           | EACH         |
| 713-16.21       | SIGNS (DESCRIPTION) (M6-4, TN-6b)                          | 2.000           | EACH         |
| 713-16.22       | SIGNS (DESCRIPTION) (SPEC. NO PARKING)                     | 2.000           | EACH         |
| 713-16.23       | SIGNS (DESCRIPTION) (M3-2, TN-6e)                          | 1.000           | EACH         |
| 713-16.24       | SIGNS (DESCRIPTION) (M3-4, TN-6e)                          | 1.000           | EACH         |
| 713-16.25       | SIGNS (DESCRIPTION) (D1-3)                                 | 1.000           | EACH         |
| 713-16.26       | SIGNS (DESCRIPTION) (D1-3)                                 | 1.000           | EACH         |
| 713-16.27       | SIGNS (DESCRIPTION) (D2-3)                                 | 1.000           | EACH         |
| 713-16.30       | SIGNS (DESCRIPTION) (M3-4, TN-6b)                          | 1.000           | EACH         |
| 713-16.31       | SIGNS (DESCRIPTION) (M3-2, TN-6b)                          | 1.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS<br>(BI-DIR) (1 COLOR) | 64.000          | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS<br>(MONO-DIR)(1 COLOR) | 15.000          | EACH         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION<br>STRIPING)       | 25.000          | S.Y.         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                       | 37.000          | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE<br>ARROW)              | 2.000           | EACH         |
| 716-02.08       | PLASTIC PAVEMENT MARKING (8" DOTTED LINE)                  | 95.000          | L.F.         |
| 716-02.12       | PLASTIC PAVEMENT MARKING (8IN LINE)                        | 0.050           | L.M.         |
| 716-05.20       | PAINTED PAVEMENT MARKING (6" LINE)                         | 1.400           | L.M.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN<br>LINE)          | 0.526           | L.M.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 730-02.21       | SIGNAL HEAD ASSEMBLY (220)                                 | 2.000           | EACH         |
| 730-02.27       | SIGNAL HEAD ASSEMBLY (440)                                 | 1.000           | EACH         |
| 730-05.01       | ELECTRICAL SERVICE CONNECTION                              | 1.000           | EACH         |

**Contract ID CNV265 - HENDERSON**

| <b>Item No.</b> | <b>Description</b>                                   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 730-08.02       | SIGNAL CABLE - 5 CONDUCTOR                           | 120.000         | L.F.         |
| 730-09.20       | SPAN WIRE ASSEMBLY                                   | 148.000         | L.F.         |
| 730-10.01       | TETHER WIRE ASSEMBLY - 1/4" DIAMETER                 | 148.000         | L.F.         |
| 730-15.07       | CABINET (DESCRIPTION) (NEMA TYPE 3R FLASHING SIGNAL) | 1.000           | EACH         |
| 730-16.03       | CONTROLLER (FLASHING BEACON)                         | 1.000           | EACH         |
| 730-23.01       | STEEL STRAIN POLE (SIGNAL SUPPORT)                   | 2.000           | EACH         |
| 740-10.03       | GEOTEXTILE (TYPE III)(EROSION CONTROL)               | 324.000         | S.Y.         |
| 740-10.04       | GEOTEXTILE (TYPE IV)(STABILIZATION)                  | 100.000         | S.Y.         |
| 740-11.04       | TEMPORARY SEDIMENT TUBE 20IN                         | 762.000         | L.F.         |
| 801-01.07       | TEMPORARY SEEDING (WITH MULCH)                       | 72.000          | UNIT         |
| 801-02.08       | TEMPORARY SEEDING (WITHOUT MULCH)                    | 10.000          | UNIT         |
| 801-03          | WATER (SEEDING & SODDING)                            | 71.000          | M.G.         |
| 803-01          | SODDING (NEW SOD)                                    | 6,041.000       | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV263 - HENDERSON**

**Contract ID:** CNV263

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 39001-4180-04

NA

**Counties:** HENDERSON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on Wildersville Road over I-40 (L.M. 14.01).

**Contract Time:** DT - 5/31/2022

| Item No.  | Description   | Quantity  | Units |
|-----------|---|-----------|-------|
| 202-01.56 | REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (TEMPORARY CROSSING) | (1)       | LS    |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)                                     | 200.000   | L.F.  |
| 303-01    | MINERAL AGGREGATE, TYPE A BASE, GRADING D                               | 6,500.000 | TON   |
| 307-01.01 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A                      | 1,900.000 | TON   |
| 307-01.08 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2                   | 1,750.000 | TON   |
| 402-01    | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                                 | 11.000    | TON   |
| 402-02    | AGGREGATE FOR COVER MATERIAL (PC)                                       | 5.000     | TON   |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)                                  | 1.000     | TON   |
| 411-01.10 | ACS MIX(PG64-22) GRADING D  | 10.000    | TON   |
| 415-01.02 | COLD PLANING BITUMINOUS PAVEMENT  | 147.000   | S.Y.  |
| 604-05.31 | BRIDGE DECK GROOVING (MECHANICAL)                                       | 900.000   | S.Y.  |
| 604-10.05 | CONCRETE  | 20.000    | S.F.  |
| 604-10.06 | CONCRETE HANDRAIL REPAIR  | 85.000    | L.F.  |
| 604-10.12 | CONCRETE SLAB REPAIRS   | 11.000    | C.Y.  |
| 604-10.18 | REINFORCING STEEL (REPAIRS)   | 1,606.000 | LB.   |
| 604-10.20 | HYDRODEMOLITION   | 807.000   | S.Y.  |
| 604-10.22 | CONCRETE PARAPET REPAIR   | 85.000    | L.F.  |
| 604-10.26 | BRACING   | 5.000     | EACH  |
| 604-10.30 | BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)                                | 200.000   | S.Y.  |

**Contract ID CNV263 - HENDERSON**

| <b>Item No.</b> | <b>Description</b>                             | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 604-10.54       | CONCRETE REPAIRS                               | 93.000          | S.F.         |
| 604-10.62       | EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE) | 7.000           | L.F.         |
| 604-10.67       | CONCRETE REPAIRS (DESCRIPTION) (SAW CUTTING)   | 575.000         | L.F.         |
| 604-10.83       | COMPOSITE FIBER ENCASMENT                      | 32.000          | S.F.         |
| 607-37.01       | 15" CORRUGATED METAL PIPE CULVERT              | 2,840.000       | L.F.         |
| 619-01          | BRIDGE DECK OVERLAY (PMC)                      | 800.000         | S.Y.         |
| 619-01.35       | BRIDGE DECK OVERLAY (PMC)                      | 25.000          | C.Y.         |
| 705-04.50       | PORTABLE BARRIER RAIL DELINEATOR               | 242.000         | EACH         |
| 705-08.51       | PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3       | 4.000           | EACH         |
| 712-01          | TRAFFIC CONTROL                                | (1)             | LS           |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL           | 5,360.000       | L.F.         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                  | 667.000         | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                           | 1,272.000       | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                | 240.000         | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                           | 2.000           | EACH         |
| 712-08.10       | MOBILE MESSAGE SIGN UNIT W/ATTENUATOR          | 240.000         | HOUR         |
| 712-08.14       | PORTABLE QUEUE WARNING SYSTEM                  | 96.000          | DAY          |
| 712-09.02       | REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)   | 24,660.000      | L.F.         |
| 712-09.08       | REMOVABLE PAVEMENT MARKING (6" line)           | 13,480.000      | L.F.         |
| 713-02.14       | FLEXIBLE DELINEATOR (WHITE)                    | 206.000         | EACH         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                   | 2.000           | EACH         |
| 717-01          | MOBILIZATION                                   | (1)             | LS           |
| 801-03          | WATER (SEEDING & SODDING)                      | 78.000          | M.G.         |
| 803-01          | SODDING (NEW SOD)                              | 7,800.000       | S.Y.         |

**( ) Item will be bid as lump sum.**



**Contract ID CNV251 - HICKMAN**

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**Contract ID:** CNV251

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 41049-4232-04

NA

**Counties:** HICKMAN

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 230 over the Piney River (L.M. 11.46).

**Contract Time:** DT - 7/31/2022

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 202-04.01 | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(PARTIAL BRIDGE NO. 41-SR230-11.46) | (1)       | LS    |
| 208-01.05 | BROOMING & DEGRASSING SHOULDERS  | 1.000     | L.M.  |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)  | 840.000   | L.F.  |
| 307-01.08 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2                         | 3.000     | TON   |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)   | 1.000     | TON   |
| 411-01.10 | ACS MIX(PG64-22) GRADING D   | 2.000     | TON   |
| 601-10.05 | TREATED TIMBER PILE REPAIRS (SIZE) (10" X 10")                                   | 44.000    | EACH  |
| 604-02.03 | EPOXY COATED REINFORCING STEEL   | 2,446.000 | LB.   |
| 604-03.02 | STEEL BAR REINFORCEMENT (BRIDGES)  | 6,444.000 | LB.   |
| 604-03.74 | CLASS X CONCRETE   | 23.000    | C.Y.  |
| 615-02.52 | PRESTRESSED CONCRETE BOX BEAM (--" X --") (15"<br>X 36")                         | 27.000    | L.F.  |
| 617-02    | BRIDGE DECK CRACK SEALING  | 51.000    | L.F.  |
| 617-05    | SEALANT (DESCRIPTION) (HMWM)   | 1.000     | GAL.  |
| 620-03    | CONCRETE PARAPET (DESCRIPTION) (STANDARD<br>CONCRETE HANDRAIL)                   | 28.500    | L.F.  |
| 705-20.25 | TEMPORARY CRASH CUSHION (MASH TL-3)  | 2.000     | EACH  |
| 712-01    | TRAFFIC CONTROL  | (1)       | LS    |
| 712-02.02 | INTERCONNECTED PORTABLE BARRIER RAIL   | 860.000   | L.F.  |
| 712-04.01 | FLEXIBLE DRUMS (CHANNELIZING)  | 29.000    | EACH  |
| 712-04.50 | BARRIER RAIL DELINEATOR  | 31.000    | EACH  |

**Contract ID CNV251 - HICKMAN**

| <b>Item No.</b> | <b>Description</b>                             | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 712-05.01       | WARNING LIGHTS (TYPE A)                        | 2.000           | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                           | 517.750         | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                | 24.000          | L.F.         |
| 712-09.01       | REMOVABLE PAVEMENT MARKING LINE                | 2,000.000       | L.F.         |
| 712-09.02       | REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)   | 1,177.000       | L.F.         |
| 712-09.04       | REMOVABLE PAVEMENT MARKING (STOP LINE)         | 2,000.000       | L.F.         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                   | 12.000          | EACH         |
| 716-12.01       | ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE) | 1.000           | L.M.         |
| 717-01          | MOBILIZATION                                   | (1)             | LS           |
| 730-40          | TEMPORARY TRAFFIC SIGNAL SYSTEM                | 1.000           | EACH         |
| 801-01          | SEEDING (WITH MULCH)                           | 2.000           | UNIT         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV234 - MARION**

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**Contract ID:** CNV234

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 58100-3176-14 NH-I-24-2(167)  
 58100-3177-14 NH-I-24-2(168)  
 58100-3178-14 NH-I-24-2(171)  
 58100-3181-14 NH-I-24-2(169)

**Counties:** MARION

**District:** **DBE Goal Percent:** 4.50

**Description:** The rockfall mitigation in four locations on I-24 (U.S 64) westbound (near M.M. 136.2, M.M. 137.1, M.M. 137.8 and M.M. 140.3).

**Contract Time:** DT - 8/31/2022

| Item No.  | Description   | Quantity   | Units |
|-----------|---|------------|-------|
| 201-01    | CLEARING AND GRUBBING   | (1)        | LS    |
| 202-08.28 | REMOVAL OF MEDIAN BARRIER (DESCRIPTION)<br>(EXIST. PORTABLE BARRIER WALL) | 1,310.000  | L.F.  |
| 203-01    | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)                                 | 33,483.000 | C.Y.  |
| 203-01.09 | ACID PRODUCING MATERIAL HAUL & TIP FEE                                    | 6,563.000  | TON   |
| 203-01.11 | PRESPLITTING OF ROCK EXCAVATION   | 2,756.000  | S.Y.  |
| 203-02.01 | BORROW EXCAVATION (GRADED SOLID ROCK)                                     | 19,400.000 | TON   |
| 203-11    | SCALING AND TRIMMING  | 33,996.000 | S.Y.  |
| 209-05    | SEDIMENT REMOVAL  | 173.000    | C.Y.  |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)                                       | 212.000    | L.F.  |
| 209-08.07 | ROCK CHECK DAM  | 80.000     | EACH  |
| 209-08.08 | ENHANCED ROCK CHECK DAM   | 43.000     | EACH  |
| 209-40.33 | CATCH BASIN PROTECTION (TYPE D)   | 2.000      | EACH  |
| 303-10.01 | MINERAL AGGREGATE (SIZE 57)   | 83.000     | TON   |
| 307-01.08 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2                  | 2,171.000  | TON   |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)                                    | 60.000     | TON   |
| 406-04.02 | HIGH FRICTION SURFACE TREATMENT   | 8,228.000  | S.Y.  |

**Contract ID CNV234 - MARION**

| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 411-03.10       | ACS MIX(PG76-22) GRADING D                         | 7,631.000       | TON          |
| 411-12.01       | SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)        | 5.600           | L.M.         |
| 415-01.01       | COLD PLANING BITUMINOUS PAVEMENT                   | 8,315.000       | TON          |
| 610-12.01       | HORIZONTAL DRAINS AND CASING                       | 2,664.000       | L.F.         |
| 621-03.03       | 24" TEMPORARY DRAINAGE PIPE                        | 416.000         | L.F.         |
| 622-01.01       | SHOTCRETE BUTTRESS                                 | 632.000         | C.Y.         |
| 705-04.22       | GUARDRAIL DELINEATION ENHANCEMENT (BI-DIRECTIONAL) | 529.000         | EACH         |
| 705-06.20       | TANGENT ENERGY ABSORBING TERM MASH TL-3            | 1.000           | EACH         |
| 705-06.25       | THRIE BEAM BRIDGE TRANSITION MASH TL-3             | 1.000           | EACH         |
| 705-20.25       | TEMPORARY CRASH CUSHION (MASH TL-3)                | 3.000           | EACH         |
| 707-02.43       | ROCK ANCHOR, TYPE I                                | 965.000         | L.F.         |
| 707-02.44       | ROCK ANCHOR, TYPE II                               | 550.000         | L.F.         |
| 707-08.11       | HIGH-VISIBILITY CONSTRUCTION FENCE                 | 225.000         | L.F.         |
| 707-10.03       | ROCKFALL FENCE (TYPE III)                          | 700.000         | L.F.         |
| 707-10.07       | ROCKFALL DRAPE (TYPE III)                          | 15,111.000      | S.Y.         |
| 709-05.05       | MACHINED RIP-RAP (CLASS A-3)                       | 400.000         | TON          |
| 709-05.06       | MACHINED RIP-RAP (CLASS A-1)                       | 600.000         | TON          |
| 711-05.71       | 51IN SINGLE SLOPE CONCRETE BARRIER WALL            | 900.000         | L.F.         |
| 712-01          | TRAFFIC CONTROL                                    | (1)             | LS           |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL               | 9,060.000       | L.F.         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                      | 777.000         | EACH         |
| 712-04.50       | BARRIER RAIL DELINEATOR                            | 428.000         | EACH         |
| 712-05.03       | WARNING LIGHTS (TYPE C)                            | 777.000         | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                               | 1,021.000       | S.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                               | 6.000           | EACH         |
| 712-08.10       | MOBILE MESSAGE SIGN UNIT W/ATTENUATOR              | 800.000         | HOUR         |
| 713-02.14       | FLEXIBLE DELINEATOR (WHITE)                        | 68.000          | EACH         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                       | 6.000           | EACH         |
| 716-01.06       | TEMPORARY RAISED PAVEMENT MARKER,WHITE             | 1,182.000       | EACH         |

**Contract ID CNV234 - MARION**

| <b>Item No.</b> | <b>Description</b>                                     | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 716-01.23       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR) | 1,108.000       | EACH         |
| 716-01.30       | REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER              | 1,108.000       | EACH         |
| 716-04.04       | PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)         | 1,156.000       | L.F.         |
| 716-05.02       | PAINTED PAVEMENT MARKING (8" BARRIER LINE)             | 26,275.000      | L.F.         |
| 716-05.20       | PAINTED PAVEMENT MARKING (6" LINE)                     | 8.900           | L.M.         |
| 716-08.01       | REMOVAL OF PAVEMENT MARKING (LINE)                     | 1,980.000       | L.F.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)         | 7.200           | L.M.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 740-10.03       | GEOTEXTILE (TYPE III)(EROSION CONTROL)                 | 1,266.000       | S.Y.         |
| 740-11.02       | TEMPORARY SEDIMENT TUBE 12IN                           | 180.000         | L.F.         |
| 801-01          | SEEDING (WITH MULCH)                                   | 222.000         | UNIT         |
| 801-01.07       | TEMPORARY SEEDING (WITH MULCH)                         | 222.000         | UNIT         |
| 801-01.16       | BONDED FIBER MATRIX HYDROMULCH (W/PERMANENT SEED)      | 65.000          | UNIT         |
| 801-03          | WATER (SEEDING & SODDING)                              | 51.000          | M.G.         |
| 805-12.02       | EROSION CONTROL BLANKET (TYPE II)                      | 24,477.000      | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV071 - MCMINN**

**Contract ID:** CNV071

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 54010-3519-94

HSIP-R-39(15)

**Counties:** MCMINN

**District:**

**DBE Goal Percent:**

**Description:** The highway-rail grade crossing improvements on S.R. 39 (Englewood Avenue) at the C.S.X. Railroad (L.M. 15.13) in Englewood.

**Contract Time:** DT - 7/31/2022

| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 202-03          | REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.          | 12.000          | S.Y.         |
| 209-99.91       | EROSION CONTROL                                    | (1)             | LS           |
| 712-01          | TRAFFIC CONTROL                                    | (1)             | LS           |
| 712-06          | SIGNS (CONSTRUCTION)                               | 193.000         | S.F.         |
| 713-02.21       | SIGN POST DELINEATION ENHANCEMENT                  | 30.000          | L.F.         |
| 713-11.01       | "U" SECTION STEEL POSTS                            | 26.000          | LB.          |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST               | 31.000          | LB.          |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)           | 8.000           | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)           | 10.000          | S.F.         |
| 713-14.22       | STREET NAME SIGN (SUSPENDED 0.100IN THICK)         | 60.000          | S.F.         |
| 713-15.08       | SUSPENDED FLAT SHEET ALUMINUM SIGN (0.100" THICK)  | 6.000           | EACH         |
| 713-15.41       | SIGN REMOVAL (DESCRIPTION)                         | (1)             | LS           |
| 713-16.09       | RAILROAD ADVANCE WARNING SIGN AND SUPPORT          | 2.000           | EACH         |
| 713-16.20       | SIGNS (DESCRIPTION) (LED BLANKOUT)                 | 2.000           | EACH         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)               | 203.000         | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)         | 9.000           | EACH         |
| 716-02.09       | PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK) | 288.000         | L.F.         |
| 716-03.01       | PLASTIC WORD PAVEMENT MARKING (ONLY)               | 2.000           | EACH         |

**Contract ID CNV071 - MCMINN**

| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 716-03.02       | PLASTIC WORD PAVEMENT MARKING (RXR)                       | 4.000           | EACH         |
| 716-04.01       | PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)            | 1.000           | EACH         |
| 716-04.05       | PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)                 | 2.000           | EACH         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)            | 0.800           | L.M.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |
| 725-03.28       | RAILROAD FLAGMAN  | 1.000           | DAY          |
| 730-01.02       | REMOVAL OF SIGNAL EQUIPMENT                               | 1.000           | EACH         |
| 730-02.09       | SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)                 | 5.000           | EACH         |
| 730-02.17       | SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)             | 6.000           | EACH         |
| 730-03.21       | INSTALL PULL BOX (TYPE B)                                 | 8.000           | EACH         |
| 730-05.04       | MODIFY EXISTING ELECTRICAL SERVICE CONNECTION             | 1.000           | EACH         |
| 730-08.01       | SIGNAL CABLE - 3 CONDUCTOR                                | 540.000         | L.F.         |
| 730-08.03       | SIGNAL CABLE - 7 CONDUCTOR                                | 910.000         | L.F.         |
| 730-08.04       | SIGNAL CABLE - 9 CONDUCTOR                                | 733.000         | L.F.         |
| 730-12.02       | CONDUIT 2" DIAMETER (PVC)                                 | 45.000          | L.F.         |
| 730-12.03       | CONDUIT 3" DIAMETER (PVC)                                 | 15.000          | L.F.         |
| 730-12.14       | CONDUIT 3" DIAMETER (JACK AND BORE)                       | 295.000         | L.F.         |
| 730-13.03       | VEHICLE DETECTOR (4 - CHANNEL, RACK MOUNT)                | 1.000           | EACH         |
| 730-13.05       | VEHICLE DETECTOR (EXT. CALL - DELAY CALL)                 | 1.000           | EACH         |
| 730-13.13       | VEHICLE DETECTOR (RADAR)                                  | 1.000           | EACH         |
| 730-15.32       | CABINET (EIGHT PHASE BASE MOUNTED)                        | 1.000           | EACH         |
| 730-23.30       | PEDESTAL POLE (DESCRIPTION) (PEDESTRIAN)                  | 2.000           | EACH         |
| 730-23.80       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 40')                   | 2.000           | EACH         |
| 730-23.88       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')                   | 2.000           | EACH         |
| 730-24.02       | FOUNDATION (TRAFFIC SIGNAL CONTROLLER)                    | 1.000           | EACH         |
| 730-26.11       | COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN | 8.000           | EACH         |

**( ) Item will be bid as lump sum.**



**Contract ID CNV253 - MCNAIRY**

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**Contract ID:** CNV253

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 55001-3241-94

HSIP-5(111)

**Counties:** MCNAIRY

**District:**

**DBE Goal Percent:**

**Description:** The miscellaneous safety improvements on U.S. 45 (S.R. 5) from near Muddy Creek (L.M. 3.75) to near Autumn Lane (L.M. 5.50).

**Contract Time:** DT - 5/31/2022

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 411-12.03       | SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)  | 2.300           | L.M.         |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 713-02.21       | SIGN POST DELINEATION ENHANCEMENT                       | 24.000          | L.F.         |
| 713-11.01       | "U" SECTION STEEL POSTS                                 | 70.000          | LB.          |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                    | 251.000         | LB.          |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)                | 12.000          | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)                | 99.000          | S.F.         |
| 713-15.36       | REMOVE SIGN, SUPPORT & FOOTING                          | 8.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 238.000         | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR) | 238.000         | EACH         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                    | 72.000          | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)              | 16.000          | EACH         |
| 716-08.05       | REMOVAL OF PAVEMENT MARKING (STOP LINE)                 | 72.000          | L.F.         |
| 716-12.01       | ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)          | 9.300           | L.M.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |

**( ) Item will be bid as lump sum.**

**Contract ID CNV278 - MONTGOMERY**

**Contract ID:** CNV278

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 63374-3228-94  
63374-4228-04

HSIP-374(20)  
HSIP-374(20)

**Counties:** MONTGOMERY

**District:**

**DBE Goal Percent:**

**Description:** The resurfacing on S.R. 374 from S.R. 112 (Madison Street) (L.M. 0.00) to River Run (L.M. 2.60).

**Contract Time:** DT - 11/15/2021

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 208-01.05 | BROOMING & DEGRASSING SHOULDERS                            | 5.200     | L.M.  |
| 303-01    | MINERAL AGGREGATE, TYPE A BASE, GRADING D                  | 516.000   | TON   |
| 307-02.01 | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM)<br>GRADING A      | 477.000   | TON   |
| 307-02.08 | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM)<br>GRADING B-M2   | 823.000   | TON   |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)                     | 33.000    | TON   |
| 411-02.10 | ACS MIX(PG70-22) GRADING D                                 | 5,096.000 | TON   |
| 411-12.01 | SCORING SHOULDERS (CONTINUOUS) (16IN<br>WIDTH)             | 1.800     | L.M.  |
| 411-12.03 | SCORING FOR RUMBLE STRIPE (NON-<br>CONTINUOUS) (8IN WIDTH) | 2.700     | L.M.  |
| 415-01.01 | COLD PLANING BITUMINOUS PAVEMENT                           | 5,484.000 | TON   |
| 705-02.10 | GUARDRAIL TRANSITION 27IN TO 31IN                          | 11.000    | EACH  |
| 705-04.09 | EARTH PAD FOR TYPE 38 GR END TREATMENT                     | 11.000    | EACH  |
| 705-04.10 | EARTH PAD FOR GUARD RAIL END TREATMENT                     | 5.000     | EACH  |
| 705-06.20 | TANGENT ENERGY ABSORBING TERM MASH TL-3                    | 11.000    | EACH  |
| 705-06.30 | GR TERMINAL (ENERGY ABSORBING) MASH TL-2                   | 5.000     | EACH  |
| 706-01    | GUARDRAIL REMOVED  | 675.000   | L.F.  |
| 712-01    | TRAFFIC CONTROL  | (1)       | LS    |
| 712-04.01 | FLEXIBLE DRUMS (CHANNELIZING)                              | 60.000    | EACH  |

**Contract ID CNV278 - MONTGOMERY**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 712-05.01       | WARNING LIGHTS (TYPE A)                                    | 4.000           | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                       | 944.000         | S.F.         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                               | 3.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS<br>(BI-DIR) (1 COLOR) | 302.000         | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS<br>(MONO-DIR)(1 COLOR) | 50.000          | EACH         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION<br>STRIPING)       | 70.000          | S.Y.         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                       | 84.000          | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE<br>ARROW)              | 32.000          | EACH         |
| 716-02.08       | PLASTIC PAVEMENT MARKING (8" DOTTED LINE)                  | 500.000         | L.F.         |
| 716-02.09       | PLASTIC PAVEMENT MARKING (LONGITUDINAL<br>CROSS-WALK)      | 110.000         | L.F.         |
| 716-02.12       | PLASTIC PAVEMENT MARKING (8IN LINE)                        | 0.500           | L.M.         |
| 716-02.15       | PLASTIC PAVEMENT MARKING (U TURN ARROW)                    | 2.000           | EACH         |
| 716-03.01       | PLASTIC WORD PAVEMENT MARKING (ONLY)                       | 5.000           | EACH         |
| 716-03.04       | PLASTIC WORD PAVEMENT MARKING (SCHOOL)                     | 1.000           | EACH         |
| 716-04.01       | PLASTIC PAVEMENT MARKING (STRAIGHT-TURN<br>ARROW)          | 2.000           | EACH         |
| 716-05.20       | PAINTED PAVEMENT MARKING (6" LINE)                         | 11.800          | L.M.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN<br>LINE)          | 11.800          | L.M.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 730-14.02       | SAW SLOT   | 1,119.000       | L.F.         |
| 730-14.03       | LOOP WIRE  | 2,838.000       | L.F.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV223 - OBION**

**Contract ID:** CNV223

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 66001-4287-04

NA

**Counties:** OBION

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridges on U.S. 51N (S.R. 3) over Troy Creek (L.M. 10.38) and Davidson Creek (L.M. 12.54).

**Contract Time:** DT - 7/31/2022

| Item No.  | Description  | Quantity   | Units |
|-----------|--|------------|-------|
| 202-01.02 | REMOVAL OF ASBESTOS                                      | (1)        | LS    |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)                      | 1,600.000  | L.F.  |
| 307-01.01 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING A    | 7.000      | TON   |
| 307-01.08 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2 | 2.000      | TON   |
| 402-01    | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                  | 1.000      | TON   |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)                   | 1.000      | TON   |
| 411-01.10 | ACS MIX(PG64-22) GRADING D                               | 282.000    | TON   |
| 415-01.02 | COLD PLANING BITUMINOUS PAVEMENT                         | 4,256.000  | S.Y.  |
| 604-04.02 | APPLIED TEXTURE FINISH (EXISTING<br>STRUCTURES)          | 672.000    | S.Y.  |
| 604-05.31 | BRIDGE DECK GROOVING (MECHANICAL)                        | 560.000    | S.Y.  |
| 604-09.10 | CLASS A CONCRETE (DESCRIPTION) (FLOWABLE<br>FILL)        | 10.000     | C.Y.  |
| 604-10.05 | CONCRETE   | 100.000    | S.F.  |
| 604-10.09 | CONCRETE   | 105.000    | C.Y.  |
| 604-10.13 | CONCRETE SLAB REMOVAL                                    | (1)        | LS    |
| 604-10.14 | REMOVE EXISTING WEARING SURFACE                          | (1)        | LS    |
| 604-10.18 | REINFORCING STEEL (REPAIRS)                              | 31,231.000 | LB.   |
| 604-10.26 | BRACING  | 18.000     | EACH  |
| 604-10.30 | BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)                 | 20.000     | S.Y.  |

**Contract ID CNV223 - OBION**

| <b>Item No.</b> | <b>Description</b>                             | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 604-10.42       | CONCRETE REPAIRS                               | 104.000         | C.F.         |
| 604-10.44       | EXPANSION JOINT REPAIRS                        | 244.000         | L.F.         |
| 604-10.50       | BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)    | 77.000          | S.Y.         |
| 604-10.51       | SCARIFYING                                     | 466.000         | S.Y.         |
| 604-10.54       | CONCRETE REPAIRS                               | 97.000          | S.F.         |
| 604-10.83       | COMPOSITE FIBER ENCASMENT                      | 404.000         | S.F.         |
| 606-03.03       | STEEL PILES (12 INCH)                          | 1,440.000       | L.F.         |
| 617-04.01       | TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)     | 600.000         | S.Y.         |
| 620-05.01       | CONC PARAPET SINGLE SLOPE (STD-1-1SS)          | 436.000         | L.F.         |
| 705-04.50       | PORTABLE BARRIER RAIL DELINEATOR               | 104.000         | EACH         |
| 705-06.25       | THRIE BEAM BRIDGE TRANSITION MASH TL-3         | 4.000           | EACH         |
| 705-08.51       | PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3       | 4.000           | EACH         |
| 707-08.11       | HIGH-VISIBILITY CONSTRUCTION FENCE             | 503.000         | L.F.         |
| 709-05.08       | MACHINED RIP-RAP (CLASS B)                     | 2,335.000       | TON          |
| 712-01          | TRAFFIC CONTROL                                | (1)             | LS           |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL           | 1,920.000       | L.F.         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                  | 477.000         | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                           | 1,546.000       | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                | 310.000         | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                           | 4.000           | EACH         |
| 712-09.02       | REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)   | 19,170.000      | L.F.         |
| 712-09.08       | REMOVABLE PAVEMENT MARKING (6" line)           | 17,455.000      | L.F.         |
| 713-02.14       | FLEXIBLE DELINEATOR (WHITE)                    | 139.000         | EACH         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                   | 4.000           | EACH         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE) | 4.700           | L.M.         |
| 717-01          | MOBILIZATION                                   | (1)             | LS           |
| 801-03          | WATER (SEEDING & SODDING)                      | 67.000          | M.G.         |
| 803-01          | SODDING (NEW SOD)                              | 6,667.000       | S.Y.         |

**Contract ID CNV223 - OBION**

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**( ) Item will be bid as lump sum.**

**Contract ID CNV072 - PUTNAM**

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**Contract ID:** CNV072

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 71009-3522-94  
71018-3514-94

HSIP-R-84(17)  
HSIP-R-164(8)

**Counties:** PUTNAM

**District:**

**DBE Goal Percent:** 4.00

**Description:** The highway-rail crossing improvements on S.R. 164 (South Chestnut Street) (L.M. 0.31) and on S.R. 84 (South Holly Street) (L.M. 9.65) at the intersection of East Commercial Avenue in Monterey.

**Contract Time:** DT - 8/31/2022

| Item No.  | Description                                       | Quantity | Units |
|-----------|---|----------|-------|
| 209-99.91 | EROSION CONTROL                                   | (1)      | LS    |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)            | 4.000    | TON   |
| 411-01.10 | ACS MIX(PG64-22) GRADING D                        | 473.000  | TON   |
| 415-01.01 | COLD PLANING BITUMINOUS PAVEMENT                  | 469.000  | TON   |
| 712-01    | TRAFFIC CONTROL                                   | (1)      | LS    |
| 712-06    | SIGNS (CONSTRUCTION)                              | 403.000  | S.F.  |
| 713-02.21 | SIGN POST DELINEATION ENHANCEMENT                 | 108.000  | L.F.  |
| 713-11.01 | "U" SECTION STEEL POSTS                           | 126.000  | LB.   |
| 713-11.02 | PERFORATED/KNOCKOUT SQUARE TUBE POST              | 55.000   | LB.   |
| 713-13.02 | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)          | 36.000   | S.F.  |
| 713-13.03 | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)          | 38.000   | S.F.  |
| 713-14.22 | STREET NAME SIGN (SUSPENDED 0.100IN THICK)        | 116.000  | S.F.  |
| 713-15    | REMOVAL OF SIGNS, POSTS AND FOOTINGS              | (1)      | LS    |
| 713-15.08 | SUSPENDED FLAT SHEET ALUMINUM SIGN (0.100" THICK) | 2.000    | EACH  |
| 713-16.05 | RAILROAD CROSS-BUCK SIGN & SUPPORT                | 4.000    | EACH  |
| 713-16.09 | RAILROAD ADVANCE WARNING SIGN AND SUPPORT         | 4.000    | EACH  |
| 716-02.05 | PLASTIC PAVEMENT MARKING (STOP LINE)              | 222.000  | L.F.  |

**Contract ID CNV072 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 716-02.09       | PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)        | 424.000         | L.F.         |
| 716-03.02       | PLASTIC WORD PAVEMENT MARKING (RXR)                       | 4.000           | EACH         |
| 716-04.14       | PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)           | 1.000           | EACH         |
| 716-05.20       | PAINTED PAVEMENT MARKING (6" LINE)                        | 2.400           | L.M.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)            | 1.170           | L.M.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |
| 725-03.28       | RAILROAD FLAGMAN  | 4.000           | DAY          |
| 730-01.02       | REMOVAL OF SIGNAL EQUIPMENT                               | 2.000           | EACH         |
| 730-02.09       | SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)                 | 18.000          | EACH         |
| 730-03.21       | INSTALL PULL BOX (TYPE B)                                 | 8.000           | EACH         |
| 730-05.04       | MODIFY EXISTING ELECTRICAL SERVICE CONNECTION             | 2.000           | EACH         |
| 730-08.03       | SIGNAL CABLE - 7 CONDUCTOR                                | 1,889.000       | L.F.         |
| 730-08.04       | SIGNAL CABLE - 9 CONDUCTOR                                | 725.000         | L.F.         |
| 730-08.30       | INTERCONNECT CABLE (COPPER-TWISTED PAIR)                  | 430.000         | L.F.         |
| 730-12.02       | CONDUIT 2" DIAMETER (PVC)                                 | 100.000         | L.F.         |
| 730-12.03       | CONDUIT 3" DIAMETER (PVC)                                 | 30.000          | L.F.         |
| 730-12.09       | CONDUIT 3" DIAMETER (RGS)                                 | 150.000         | L.F.         |
| 730-13.03       | VEHICLE DETECTOR (4 - CHANNEL, RACK MOUNT)                | 2.000           | EACH         |
| 730-13.05       | VEHICLE DETECTOR (EXT. CALL - DELAY CALL)                 | 1.000           | EACH         |
| 730-13.13       | VEHICLE DETECTOR (RADAR)                                  | 2.000           | EACH         |
| 730-15.32       | CABINET (EIGHT PHASE BASE MOUNTED)                        | 2.000           | EACH         |
| 730-23.30       | PEDESTAL POLE (DESCRIPTION) (PEDESTRIAN)                  | 5.000           | EACH         |
| 730-23.72       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 35')                   | 2.000           | EACH         |
| 730-23.80       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 40')                   | 1.000           | EACH         |
| 730-23.96       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 55')     | 1.000           | EACH         |
| 730-23.96       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 35' AND 55') | 1.000           | EACH         |



**Contract ID CNV072 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 730-23.97       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 25' AND 55') | 1.000           | EACH         |
| 730-24.02       | FOUNDATION (TRAFFIC SIGNAL CONTROLLER)                    | 2.000           | EACH         |
| 730-26.11       | COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN | 16.000          | EACH         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV284 - PUTNAM**

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**Contract ID:** CNV284

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 71012-3231-14

STP/NHFP-136(8)

**Counties:** PUTNAM

**District:**

**DBE Goal Percent:** 9.00

**Description:** The grading, drainage, construction of concrete box bridges and a retaining wall, signals and paving on S.R. 136 from north of the S.R. 111 interchange to south of the I-40 interchange.

**Contract Time:** DT - 8/31/2024

| Item No.  | Description   | Quantity   | Units |
|-----------|---|------------|-------|
| 105-01    | CONSTRUCTION STAKES, LINES AND GRADES   | (1)        | LS    |
| 109-10.01 | TRAINEE   | 5,240.000  | HOURL |
| 201-01    | CLEARING AND GRUBBING   | (1)        | LS    |
| 202-01    | REMOVAL OF STRUCTURES AND OBSTRUCTIONS  | (1)        | LS    |
| 202-03    | REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.   | 1,080.000  | S.Y.  |
| 202-03.01 | REMOVAL OF ASPHALT PAVEMENT   | 8,187.000  | S.Y.  |
| 202-04.01 | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(65 LF 4'x4' CONC. BOX CULV., STA. 75+38.) | (1)        | LS    |
| 202-06.01 | REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO.<br>8)                                       | (1)        | LS    |
| 202-06.02 | REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO.<br>17)                                      | (1)        | LS    |
| 202-06.03 | REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO.<br>47)                                      | (1)        | LS    |
| 202-06.04 | REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO.<br>52)                                      | (1)        | LS    |
| 203-01    | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)   | 18,574.000 | C.Y.  |
| 203-02.01 | BORROW EXCAVATION (GRADED SOLID ROCK)   | 16,000.000 | TON   |
| 203-03    | BORROW EXCAVATION (UNCLASSIFIED)  | 20,842.000 | C.Y.  |
| 203-05    | UNDERCUTTING  | 820.000    | C.Y.  |
| 203-06    | WATER   | 5,058.000  | M.G.  |
| 203-07    | FURNISHING & SPREADING TOPSOIL  | 14,582.000 | C.Y.  |

**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 203-08          | CHANNEL EXCAVATION (UNCLASSIFIED)                       | 2,350.000       | C.Y.         |
| 203-20.01       | CHANNEL SUBSTRATE                                       | 1,450.000       | C.Y.         |
| 204-06.01       | FLOWABLE FILL (GENERAL)                                 | 20.000          | C.Y.         |
| 204-08          | FOUNDATION FILL MATERIAL                                | 549.000         | C.Y.         |
| 204-08.01       | BACKFILL MATERIAL (FLOWABLE FILL)                       | 155.000         | C.Y.         |
| 209-02.05       | 12" TEMPORARY SLOPE DRAIN                               | 57.000          | L.F.         |
| 209-02.07       | 18" TEMPORARY SLOPE DRAIN                               | 280.000         | L.F.         |
| 209-03.36       | STREAM MITIGATION-STEP POOL                             | 49.000          | EACH         |
| 209-03.41       | STREAM MITIGATION - BOULDER RIFFLE                      | 220.000         | L.F.         |
| 209-03.42       | STREAM MITIGATION - LIVE BRUSH LAYERING                 | 475.000         | L.F.         |
| 209-03.47       | STREAM MITIGATION - LONGITUDINAL STONE TOE<br>(DESCRIP) | 10.000          | C.Y.         |
| 209-05          | SEDIMENT REMOVAL  | 935.000         | C.Y.         |
| 209-08.02       | TEMPORARY SILT FENCE (WITH BACKING)                     | 42,963.000      | L.F.         |
| 209-08.07       | ROCK CHECK DAM  | 151.000         | EACH         |
| 209-08.08       | ENHANCED ROCK CHECK DAM                                 | 31.000          | EACH         |
| 209-08.09       | FILTER SOCK CHECK DAM                                   | 40.000          | EACH         |
| 209-09.01       | SANDBAGS  | 500.000         | BAG          |
| 209-09.04       | SEDIMENT FILTER BAG(15' X 10')                          | 2.000           | EACH         |
| 209-09.22       | POLYACRYLAMIDE POWDER                                   | 451.000         | LB.          |
| 209-09.43       | CURB INLET PROTECTION (TYPE 4)                          | 130.000         | EACH         |
| 209-10.01       | TEMPORARY DEWATERING STRUCTURE                          | 596.000         | C.Y.         |
| 209-20.03       | POLYETHYLENE SHEETING (6 MIL. MINIMUM)                  | 1,250.000       | S.Y.         |
| 209-40.30       | CATCH BASIN PROTECTION (TYPE A)                         | 7.000           | EACH         |
| 209-40.33       | CATCH BASIN PROTECTION (TYPE D)                         | 48.000          | EACH         |
| 209-40.41       | CATCH BASIN FILTER ASSEMBLY(TYPE 1)                     | 106.000         | EACH         |
| 209-40.47       | CATCH BASIN FILTER ASSEMBLY(TYPE 7)                     | 9.000           | EACH         |
| 209-40.48       | CATCH BASIN FILTER ASSEMBLY(TYPE 8)                     | 1.000           | EACH         |
| 209-65.04       | TEMPORARY IN STREAM DIVERSION                           | 620.000         | L.F.         |
| 303-01          | MINERAL AGGREGATE, TYPE A BASE, GRADING D               | 73,299.000      | TON          |

**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                                       | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 303-01.01       | GRANULAR BACKFILL (ROADWAY)                              | 13,121.000      | TON          |
| 303-10.01       | MINERAL AGGREGATE (SIZE 57)                              | 4,203.000       | TON          |
| 307-01.01       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING A    | 109.000         | TON          |
| 307-01.07       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M  | 1,272.000       | TON          |
| 307-01.08       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2 | 2,252.000       | TON          |
| 307-01.21       | ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S                | 11,857.000      | TON          |
| 307-02.01       | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM)<br>GRADING A    | 15,450.000      | TON          |
| 307-02.08       | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM)<br>GRADING B-M2 | 11,761.000      | TON          |
| 313-03          | TREATED PERMEABLE BASE                                   | 9,051.000       | S.Y.         |
| 402-01          | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                  | 154.000         | TON          |
| 402-02          | AGGREGATE FOR COVER MATERIAL (PC)                        | 547.000         | TON          |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)                   | 87.000          | TON          |
| 411-01.07       | ACS MIX (PG64-22) GRADING E SHOULDER                     | 450.000         | TON          |
| 411-01.10       | ACS MIX(PG64-22) GRADING D                               | 2,452.000       | TON          |
| 411-02.10       | ACS MIX(PG70-22) GRADING D                               | 6,177.000       | TON          |
| 415-01.02       | COLD PLANING BITUMINOUS PAVEMENT                         | 5,574.000       | S.Y.         |
| 501-01.03       | PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN)<br>10"         | 9,051.000       | S.Y.         |
| 502-04.01       | SAWING CONCRETE PAVEMENT (FULL DEPTH)                    | 90.000          | L.F.         |
| 604-02.01       | CLASS A CONCRETE (BOX BRIDGES)                           | 1,466.500       | C.Y.         |
| 604-02.02       | STEEL BAR REINFORCEMENT (BOX BRIDGES)                    | 350,362.000     | LB.          |
| 604-07.01       | RETAINING WALL (DESCRIPTION) (PIGEON ROOST<br>CREEK)     | 1,202.000       | S.F.         |
| 606-24.13       | TEMPORARY SHEET PILES                                    | (1)             | LS           |
| 607-03.02       | 18" CONCRETE PIPE CULVERT (CLASS III)                    | 11,443.000      | L.F.         |
| 607-03.05       | 18" CONCRETE PIPE CULVERT(CLASS IV)JACKED-<br>IN-PLACE   | 440.000         | L.F.         |
| 607-05.02       | 24" CONCRETE PIPE CULVERT (CLASS III)                    | 1,874.000       | L.F.         |

**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 607-05.05       | 24" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE | 250.000         | L.F.         |
| 607-06.02       | 30" CONCRETE PIPE CULVERT (CLASS III)              | 893.000         | L.F.         |
| 607-06.05       | 30" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE | 64.000          | L.F.         |
| 607-07.02       | 36" CONCRETE PIPE CULVERT (CLASS III)              | 291.000         | L.F.         |
| 607-07.05       | 36" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE | 66.000          | L.F.         |
| 607-08.02       | 42" CONCRETE PIPE CULVERT (CLASS III)              | 12.000          | L.F.         |
| 607-37.02       | 18" CORRUGATED METAL PIPE CULVERT                  | 300.000         | L.F.         |
| 607-37.03       | 24" CORRUGATED METAL PIPE CULVERT                  | 150.000         | L.F.         |
| 607-39.02       | 18" PIPE CULVERT (SIDE DRAIN)                      | 371.000         | L.F.         |
| 607-39.03       | 24" PIPE CULVERT (SIDE DRAIN)                      | 40.000          | L.F.         |
| 607-39.04       | 30" PIPE CULVERT (SIDE DRAIN)                      | 92.000          | L.F.         |
| 607-50.12       | PRECAST CONCRETE BOX CULVERT (SIZE) (SIZE)         | 417.000         | L.F.         |
| 611-01.02       | MANHOLES, > 4' - 8' DEPTH                          | 5.000           | EACH         |
| 611-01.03       | MANHOLES, > 8' - 12' DEPTH                         | 3.000           | EACH         |
| 611-01.20       | ADJUSTMENT OF EXISTING MANHOLE                     | 1.000           | EACH         |
| 611-02.02       | SPRING DRAIN BOX, TYPE 2A                          | 1.000           | EACH         |
| 611-07.01       | CLASS A CONCRETE (PIPE ENDWALLS)                   | 29.000          | C.Y.         |
| 611-07.02       | STEEL BAR REINFORCEMENT (PIPE ENDWALLS)            | 1,584.000       | LB.          |
| 611-07.54       | 18IN ENDWALL (CROSS DRAIN) 3:1                     | 10.000          | EACH         |
| 611-07.55       | 18IN ENDWALL (CROSS DRAIN) 4:1                     | 2.000           | EACH         |
| 611-07.56       | 18IN ENDWALL (CROSS DRAIN) 6:1                     | 1.000           | EACH         |
| 611-07.57       | 24IN ENDWALL (CROSS DRAIN) 3:1                     | 4.000           | EACH         |
| 611-07.60       | 30IN ENDWALL (CROSS DRAIN) 3:1                     | 4.000           | EACH         |
| 611-07.63       | 36IN ENDWALL (CROSS DRAIN) 3:1                     | 2.000           | EACH         |
| 611-07.65       | 36IN ENDWALL (CROSS DRAIN) 6:1                     | 2.000           | EACH         |
| 611-09.04       | CATCHBASIN RETROFIT                                | 4.000           | EACH         |
| 611-10.01       | CATCH BASINS, TYPE 10, 0' - 4' DEPTH               | 2.000           | EACH         |
| 611-12.01       | CATCH BASINS, TYPE 12, 0' - 4' DEPTH               | 40.000          | EACH         |

**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                                     | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 611-12.02       | CATCH BASINS, TYPE 12, > 4' - 8' DEPTH                 | 55.000          | EACH         |
| 611-12.03       | CATCH BASINS, TYPE 12, > 8' - 12' DEPTH                | 8.000           | EACH         |
| 611-12.04       | CATCH BASINS, TYPE 12, > 12' - 16' DEPTH               | 2.000           | EACH         |
| 611-14.01       | CATCH BASINS, TYPE 14, 0' - 4' DEPTH                   | 1.000           | EACH         |
| 611-14.02       | CATCH BASINS, TYPE 14, > 4' - 8' DEPTH                 | 8.000           | EACH         |
| 611-16.02       | CATCH BASINS, TYPE 16, > 4' - 8' DEPTH                 | 1.000           | EACH         |
| 611-42.01       | CATCH BASINS, TYPE 42, 0' - 4' DEPTH                   | 7.000           | EACH         |
| 611-42.02       | CATCH BASINS, TYPE 42, > 4' - 8' DEPTH                 | 5.000           | EACH         |
| 611-42.03       | CATCH BASINS, TYPE 42, > 8' - 12' DEPTH                | 1.000           | EACH         |
| 701-01.01       | CONCRETE SIDEWALK (4 ")                                | 97,175.000      | S.F.         |
| 701-02          | CONCRETE DRIVEWAY                                      | 888.000         | S.F.         |
| 701-02.03       | CONCRETE CURB RAMP                                     | 3,151.000       | S.F.         |
| 702-01.02       | CONCRETE CURB  | 250.000         | L.F.         |
| 702-03          | CONCRETE COMBINED CURB & GUTTER                        | 1,628.000       | C.Y.         |
| 705-06.01       | W BEAM GR (TYPE 2) MASH TL-3                           | 2,262.000       | L.F.         |
| 705-06.02       | W BEAM GR (TYPE 2) MASH TL-3 (LONG POST)               | 1,147.000       | L.F.         |
| 705-06.10       | GR TERMINALTRAILING END (TYPE 13) MASH TL-3            | 3.000           | EACH         |
| 705-06.20       | TANGENT ENERGY ABSORBING TERM MASH TL-3                | 5.000           | EACH         |
| 705-06.30       | GR TERMINAL (ENERGY ABSORBING) MASH TL-2               | 4.000           | EACH         |
| 705-20.25       | TEMPORARY CRASH CUSHION (MASH TL-3)                    | 76.000          | EACH         |
| 706-01          | GUARDRAIL REMOVED                                      | 2,361.000       | L.F.         |
| 707-03.01       | STOCK FENCE  | 1,821.000       | L.F.         |
| 707-03.02       | END, BRACED LINE, CORNER POST<br>ASSEMBLY(STOCK FENCE) | 13.000          | EACH         |
| 707-08.11       | HIGH-VISIBILITY CONSTRUCTION FENCE                     | 3,648.000       | L.F.         |
| 708-02.01       | MARKERS (CONCRETE R.O.W. POSTS)                        | 64.000          | EACH         |
| 709-05.06       | MACHINED RIP-RAP (CLASS A-1)                           | 2,958.000       | TON          |
| 709-05.08       | MACHINED RIP-RAP (CLASS B)                             | 2,195.000       | TON          |
| 709-05.09       | MACHINED RIP-RAP (CLASS C)                             | 1,610.000       | TON          |
| 709-05.81       | ROCK RIFFLES   | (1)             | LS           |

**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 710-02          | AGGREGATE UNDERDRAINS (WITH PIPE)                                 | 23,800.000      | L.F.         |
| 710-05          | LATERAL UNDERDRAIN  | 184.000         | L.F.         |
| 710-06.15       | LATERAL UNDERDRAIN ENDWALL (6:1)                                  | 4.000           | EACH         |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL                              | 13,605.000      | L.F.         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                                     | 350.000         | EACH         |
| 712-04.50       | BARRIER RAIL DELINEATOR   | 8.000           | EACH         |
| 712-05.01       | WARNING LIGHTS (TYPE A)   | 300.000         | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)  | 3,060.000       | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                                   | 10.000          | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)  | 3.000           | EACH         |
| 713-11.01       | "U" SECTION STEEL POSTS   | 1,870.000       | LB.          |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                              | 1,070.000       | LB.          |
| 713-11.21       | P POST SLIP BASE  | 27.000          | EACH         |
| 713-11.22       | U POST SLIP BASE  | 46.000          | EACH         |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)                          | 494.000         | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)                          | 34.000          | S.F.         |
| 713-15          | REMOVAL OF SIGNS, POSTS AND FOOTINGS                              | (1)             | LS           |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                                      | 3.000           | EACH         |
| 713-16.20       | SIGNS (DESCRIPTION) (DESCRIPTION)                                 | 111.000         | EACH         |
| 714-08.09       | LIGHT STANDARDS (DESCRIPTION) (ALUMINUM, ROUND TAPERED, 35' M.H.) | 12.000          | EACH         |
| 714-08.20       | FOUNDATION (ONLY) FOR LIGHT STANDARD                              | 12.000          | EACH         |
| 714-09.09       | LUMINAIRES (DESCRIPTION) (T2)                                     | 64.000          | EACH         |
| 714-09.10       | LUMINAIRES (DESCRIPTION) (T4W)                                    | 9.000           | EACH         |
| 714-09.11       | LUMINAIRES (DESCRIPTION) (T4FT)                                   | 3.000           | EACH         |
| 714-10.01       | OVERHEAD CONDUCTORS (GAUGE & TYPE) (4AWG AL TRIPLEX)              | 12,756.000      | L.F.         |
| 714-25          | ELECTRICAL CONNECTION   | 5.000           | EACH         |
| 716-01.05       | TEMPORARY RAISED PAVEMENT MARKER                                  | 300.000         | EACH         |

**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 343.000         | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR) | 372.000         | EACH         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)       | 2,354.000       | S.Y.         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                    | 827.000         | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)              | 58.000          | EACH         |
| 716-02.08       | PLASTIC PAVEMENT MARKING (8" DOTTED LINE)               | 1,065.000       | L.F.         |
| 716-02.09       | PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)      | 810.000         | L.F.         |
| 716-02.12       | PLASTIC PAVEMENT MARKING (8IN LINE)                     | 1.000           | L.M.         |
| 716-03.01       | PLASTIC WORD PAVEMENT MARKING (ONLY)                    | 2.000           | EACH         |
| 716-04.01       | PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)          | 3.000           | EACH         |
| 716-04.12       | PLASTIC PAVEMENT MARKING (YIELD LINE)                   | 36.000          | S.F.         |
| 716-05.01       | PAINTED PAVEMENT MARKING (4" LINE)                      | 10.000          | L.M.         |
| 716-05.02       | PAINTED PAVEMENT MARKING (8" BARRIER LINE)              | 12,000.000      | L.F.         |
| 716-05.04       | PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)      | 25.000          | S.Y.         |
| 716-05.05       | PAINTED PAVEMENT MARKING (STOP LINE)                    | 250.000         | L.F.         |
| 716-05.06       | PAINTED PAVEMENT MARKING (TURN LANE ARROW)              | 20.000          | EACH         |
| 716-05.21       | PAINTED PAVEMENT MARKING(4"DOTTED LINE)                 | 325.000         | L.F.         |
| 716-13.02       | SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)             | 14.000          | L.M.         |
| 716-13.05       | SPRAY THERMO PVMT MRKNG (60 mil) (6IN DOTTED LINE)      | 400.000         | L.F.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |
| 730-01.02       | REMOVAL OF SIGNAL EQUIPMENT                             | 4.000           | EACH         |
| 730-01.05       | REMOVE & RELOCATE SCHOOL SIGNAL EQUIPMENT               | (1)             | LS           |
| 730-02.09       | SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)               | 26.000          | EACH         |
| 730-02.17       | SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)           | 4.000           | EACH         |



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| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 730-02.30       | SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)           | 6.000           | EACH         |
| 730-03.20       | INSTALL PULL BOX (TYPE A)  | 5.000           | EACH         |
| 730-03.21       | INSTALL PULL BOX (TYPE B)  | 19.000          | EACH         |
| 730-03.23       | INSTALL PULL BOX (FIBER OPTIC-TYPE A)                                | 4.000           | EACH         |
| 730-05.01       | ELECTRICAL SERVICE CONNECTION  | 1.000           | EACH         |
| 730-08.01       | SIGNAL CABLE - 3 CONDUCTOR   | 1,515.000       | L.F.         |
| 730-08.02       | SIGNAL CABLE - 5 CONDUCTOR   | 2,540.000       | L.F.         |
| 730-08.03       | SIGNAL CABLE - 7 CONDUCTOR   | 3,170.000       | L.F.         |
| 730-08.40       | INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (24 FIBER MULTI-MODE) | 9,000.000       | L.F.         |
| 730-11.01       | STEEL CONDUIT RISER ASSEMBLY   | 4.000           | EACH         |
| 730-12.01       | CONDUIT 1" DIAMETER (PVC)  | 1,485.000       | L.F.         |
| 730-12.02       | CONDUIT 2" DIAMETER (PVC)  | 290.000         | L.F.         |
| 730-12.13       | CONDUIT 2" DIAMETER (JACK AND BORE)                                  | 1,840.000       | L.F.         |
| 730-13.03       | VEHICLE DETECTOR (4 - CHANNEL, RACK MOUNT)                           | 6.000           | EACH         |
| 730-13.06       | VEHICLE DETECTOR (OPTICALLY ACTIVATED PRIORITY CONTROL)              | 4.000           | EACH         |
| 730-14.01       | SHIELDED DETECTOR CABLE  | 6,965.000       | L.F.         |
| 730-14.02       | SAW SLOT   | 2,760.000       | L.F.         |
| 730-14.03       | LOOP WIRE  | 2,900.000       | L.F.         |
| 730-15.32       | CABINET (EIGHT PHASE BASE MOUNTED)                                   | 4.000           | EACH         |
| 730-15.41       | EIGHT PH ACTUATED CONTROLLER (FIBER)                                 | 4.000           | EACH         |
| 730-23.20       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 50')                | 2.000           | EACH         |
| 730-23.36       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 60')                | 2.000           | EACH         |
| 730-23.37       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 65')                | 2.000           | EACH         |
| 730-23.38       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 70')                | 2.000           | EACH         |
| 730-23.39       | CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 75')                | 1.000           | EACH         |

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| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 730-23.80       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 40')                      | 1.000           | EACH         |
| 730-23.88       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')                      | 5.000           | EACH         |
| 730-26.11       | COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH<br>BUTTON & 15IN SIGN | 12.000          | EACH         |
| 730-40          | TEMPORARY TRAFFIC SIGNAL SYSTEM                              | 4.000           | EACH         |
| 740-10.03       | GEOTEXTILE (TYPE III)(EROSION CONTROL)                       | 12,973.000      | S.Y.         |
| 740-10.04       | GEOTEXTILE (TYPE IV)(STABILIZATION)                          | 9,258.000       | S.Y.         |
| 740-11.01       | TEMPORARY SEDIMENT TUBE 8IN                                  | 280.000         | L.F.         |
| 740-11.02       | TEMPORARY SEDIMENT TUBE 12IN                                 | 57.000          | L.F.         |
| 801-01.08       | SEEDING (SPECIAL MIXTURE) WITH MULCH                         | 450.000         | UNIT         |
| 801-01.65       | TEMPORARY MULCH  | 1,900.000       | UNIT         |
| 801-02          | SEEDING (WITHOUT MULCH)                                      | 508.000         | UNIT         |
| 801-03          | WATER (SEEDING & SODDING)                                    | 634.000         | M.G.         |
| 802-02.30       | CUTTINGS: SALIX NIGRA (18IN-24IN LENGTH)                     | 335.000         | EACH         |
| 802-02.31       | CUTTINGS: SALIX SERICEA (18IN-24IN)                          | 335.000         | EACH         |
| 802-02.32       | CUTTINGS: CORNUS AMOMUM (18IN-24IN)                          | 335.000         | EACH         |
| 802-02.33       | CUTTINGS: SAMBUCUS CANADENSIS (18IN-24IN)                    | 335.000         | EACH         |
| 802-12.07       | BETULA NIGRA (RIVER BIRCH SEEDLNG B.R.)                      | 239.000         | EACH         |
| 802-12.11       | CERCIS CANADENSIS (REDBUD SEEDLNG B.R.)                      | 48.000          | EACH         |
| 802-12.19       | LIRIODENDRON TULIPIFERA (TULIP POPLAR<br>SEEDLNG B.R.)       | 72.000          | EACH         |
| 802-12.21       | NYSSA SYLVATICA (BLCKGUM SEEDLNG B.R.)                       | 72.000          | EACH         |
| 802-12.22       | OSTRYA VIRGINIANA (IRONWOOD SEEDLNG B.R.)                    | 48.000          | EACH         |
| 802-12.26       | PLATANUS OCCIDENTALIS (SYCAMORE SEEDLNG<br>B.R.)             | 239.000         | EACH         |
| 802-12.33       | QUERCUS MICHAUXII (SWMP CHSTNT OAK<br>SEEDLNG B.R.)          | 239.000         | EACH         |
| 802-12.38       | QUERCUS PHELLOS (WILLOW OAK SEEDLNG B.R.)                    | 239.000         | EACH         |
| 802-12.51       | CORNUS AMOMUM (SILKY DOGWOOD SEEDLING<br>B.R.)               | 398.000         | EACH         |
| 802-13.59       | LINDERA BENZOIN (SPICEBUSH SDLNG BARE<br>ROOT)               | 398.000         | EACH         |

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| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 802-13.62       | ILEX VERTICILLATA (CMMN WINTERBERRY SDLNG B.R.)   | 398.000         | EACH         |
| 803-01          | SODDING (NEW SOD)   | 74,000.000      | S.Y.         |
| 805-12.02       | EROSION CONTROL BLANKET (TYPE II)   | 29,000.000      | S.Y.         |
| 805-12.08       | 700 GRAM COIR FIBER EROSION BLANKET   | 2,100.000       | S.Y.         |
| 806-02.03       | PROJECT MOWING  | 8.000           | CYCL         |
| 202-04.50       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(103 LF 3 X 10'X10' CONC. BOX BRIDGE, STA. 26+00.) | (1)             | LS           |
| 202-04.51       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(100 LF 3 X 5'X5' CONC. BOX CULV., STA. 26+67.)    | (1)             | LS           |
| 604-02.01       | CLASS A CONCRETE (BOX BRIDGES)  | 1,466.500       | C.Y.         |
| 604-02.02       | STEEL BAR REINFORCEMENT (BOX BRIDGES)   | 350,362.000     | LB.          |
| 790-01.04       | POLE 30FT CLASS 5 WOOD  | 4.000           | EACH         |
| 790-02.04       | POLE 35FT CLASS 5 WOOD  | 3.000           | EACH         |
| 790-03.03       | POLE 40FT CLASS 4 WOOD  | 8.000           | EACH         |
| 790-03.31       | POLE 40FT CLASS 3 METAL   | 1.000           | EACH         |
| 790-04.03       | POLE 45FT CLASS 3 WOOD  | 5.000           | EACH         |
| 790-05.01       | POLE 50FT CLASS 1 WOOD  | 1.000           | EACH         |
| 790-05.02       | POLE 50FT CLASS 2 WOOD  | 3.000           | EACH         |
| 790-05.05       | POLE 50FT CLASS 1 METAL   | 7.000           | EACH         |
| 790-05.07       | POLE 50FT CLASS H1 METAL  | 1.000           | EACH         |
| 790-06.02       | POLE 55FT CLASS 2 WOOD  | 1.000           | EACH         |
| 790-06.05       | POLE 55 FT CLASS 1 METAL  | 34.000          | EACH         |
| 790-06.07       | POLE 55FT CLASS H1 METAL  | 14.000          | EACH         |
| 790-07.01       | POLE 60FT CLASS 1 WOOD  | 1.000           | EACH         |
| 790-07.05       | POLE 60FT CLASS 1 METAL   | 3.000           | EACH         |
| 790-07.07       | POLE 60FT CLASS H1 METAL  | 5.000           | EACH         |
| 790-08.14       | POLE 65FT CLASS H1 METAL  | 1.000           | EACH         |
| 790-08.32       | POLE 65FT CLASS 1 METAL   | 1.000           | EACH         |
| 790-09.05       | POLE 70FT CLASS H2 METAL  | 1.000           | EACH         |
| 790-21.01       | 1PH SGL PRIMARY SUPPORT 15KV  | 2.000           | EACH         |

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| <b>Item No.</b> | <b>Description</b>                              | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 790-21.05       | 1PH DBL PRIMARY SUPPORT 15KV                    | 1.000           | EACH         |
| 790-21.07       | 1PH PRIMARY LG ANGLE 15KV                       | 2.000           | EACH         |
| 790-21.08       | 1PH DEADEND 15KV                                | 2.000           | EACH         |
| 790-21.09       | 1PH PRIMARY TAP 15KV                            | 15.000          | EACH         |
| 790-21.10       | 1PH VERTICAL DDE 15KV                           | 1.000           | EACH         |
| 790-23.08       | 2PH CROSSARM CONST DEADEND (DBL) 15KV           | 1.000           | EACH         |
| 790-25.01       | 3PH CROSSARM SGL 15KV                           | 32.000          | EACH         |
| 790-25.21       | 3PH CROSSARM DEADEND SGL 15KV                   | 2.000           | EACH         |
| 790-25.37       | 3PH 8FT FIBERGLASS CROSSARM DEADEND 15kv        | 26.000          | EACH         |
| 790-25.39       | 3PH 8FT FIBERGLASS DOUBLE DEADEND 15kv          | 15.000          | EACH         |
| 790-25.41       | 3PH FIBERGLASS 8FT CROSSARM DOUBLE SUPPORT      | 10.000          | EACH         |
| 790-25.42       | 3PH CROSSARM DOUBLE SMALL ANGLE 15kv            | 2.000           | EACH         |
| 790-25.43       | 3PH FIBERGLASS DOUBLE 10FT LARGE CONDUCTOR 15kv | 3.000           | EACH         |
| 790-25.44       | 3PH FIBERGLASS DOUBLE DEADEND 15kv              | 2.000           | EACH         |
| 790-25.46       | 3PH FIBERGLASS WITH NEUTRAL ON ARM              | 2.000           | EACH         |
| 790-25.62       | 3PH FIBERGLASS DEADEND TRIPLE ARM 15kv          | 9.000           | EACH         |
| 790-30.06       | SECONDARY CONDUCTOR 6 AL DUPLEX                 | 800.000         | L.F.         |
| 790-30.12       | SECONDARY CONDUCTOR 4 AL TRIPLEX                | 120.000         | L.F.         |
| 790-30.13       | SECONDARY CONDUCTOR 2 AL TRIPLEX                | 120.000         | L.F.         |
| 790-30.14       | SECONDARY CONDUCTOR 1/0 AL TRIPLEX              | 100.000         | L.F.         |
| 790-30.22       | SECONDARY CONDUCTOR 1/0 AL QPLEX                | 180.000         | L.F.         |
| 790-31.02       | SERVICE ASSEMBLY-POLE TYPE                      | 51.000          | EACH         |
| 790-32.01       | DOWN GUY - THROUGH BOLT TYPE                    | 44.000          | EACH         |
| 790-32.04       | DOWN GUY - WRAP TYPE                            | 68.000          | EACH         |
| 790-32.07       | OH GUY - THROUGH BOLT TYPE                      | 11.000          | EACH         |
| 790-32.23       | GUY GUARD                                       | 55.000          | EACH         |
| 790-33.25       | SCREW TYPE ANCHOR 15,000LB                      | 3.000           | EACH         |
| 790-33.26       | SCREW TYPE ANCHOR 28,000LB                      | 37.000          | EACH         |
| 790-33.27       | SCREW TYPE ANCHOR 32,000LB                      | 18.000          | EACH         |

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| <b>Item No.</b> | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 790-36.01       | SWITCH-900A-UNDERSLUNG                   | 3.000           | EACH         |
| 790-36.04       | TRANSFER SERVICE                         | 20.000          | EACH         |
| 790-36.06       | TRANSFER LIGHT                           | 11.000          | EACH         |
| 790-36.14       | TRANSFER CONDUCTOR                       | 50.000          | EACH         |
| 790-40.42       | OH COND 336.4 19 AAC TULIP               | 5,200.000       | L.F.         |
| 790-40.49       | OH COND 795 37 AAC ARBUTUS               | 45,000.000      | L.F.         |
| 790-40.81       | OVERHEAD CONDUCTOR 2 7 AAAC AMES         | 12,000.000      | L.F.         |
| 790-41.03       | UG PRI COND 1/0 AL 15KV                  | 1,000.000       | L.F.         |
| 790-42.09       | 3IN DIA PVC PIPE                         | 1,184.000       | L.F.         |
| 790-42.19       | 4 DUCT BANK @ 36IN-48IN DEPTH            | 296.000         | L.F.         |
| 790-43.01       | LOADBREAK ELBOW 200A 15KV                | 6.000           | EACH         |
| 790-43.06       | LOADBREAK JUNCTION 4 PT 200A 15KV        | 3.000           | EACH         |
| 790-43.50       | SECONDARY RISER W/ 2IN CONDUIT           | 6.000           | EACH         |
| 790-43.57       | 3PH PRIMARY RISER W/ 3IN CONDUIT         | 8.000           | EACH         |
| 790-46.01       | 1PH TRANSFORMER                          | 26.000          | EACH         |
| 790-49.02       | 3PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS  | 7.000           | EACH         |
| 790-58.04       | HOOK STICK SWITH LINE TENSION, SNGL 15KV | 9.000           | EACH         |
| 790-60.01       | 1PH FUSE CUTOUT XARM MOUNT 15KV          | 24.000          | EACH         |
| 790-60.14       | 3PH SECTIONALIZING CABINET 15KV          | 1.000           | EACH         |
| 790-65.04       | LIGHTNING ARRESTER POLE MTD 9 KV         | 16.000          | EACH         |
| 790-65.16       | 3PH CAPACITOR ASSEMBLY SWITCHED 15KV     | 1.000           | EACH         |
| 790-69.11       | GROUND-GROUND ROD FOR ST POLE            | 76.000          | EACH         |
| 790-69.12       | GROUND ASSEMBLY GROUND PLATE TYPE        | 18.000          | EACH         |
| 790-69.27       | EXTENSION LINK - EPOXY -4FT              | 7.000           | EACH         |
| 790-69.30       | POLE TOP PIN FOR ST POLE                 | 8.000           | EACH         |
| 790-69.32       | ARM PIN                                  | 68.000          | EACH         |
| 790-98.01       | REMOVE WIRE                              | 80,400.000      | L.F.         |
| 790-98.02       | REMOVE POLES                             | 108.000         | EACH         |
| 790-98.03       | REMOVE FRAMING/ASSOCIATED APPARATUS      | 646.000         | EACH         |
| 791-01.02       | 2IN STEEL GAS MAIN                       | 5,010.000       | L.F.         |

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| <b>Item No.</b> | <b>Description</b>                     | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 791-01.04       | 4IN STEEL GAS MAIN                     | 9,115.000       | L.F.         |
| 791-01.06       | 8IN STEEL GAS MAIN                     | 1,680.000       | L.F.         |
| 791-04.20       | HDD 2IN STEEL PIPE - UNCONSOLIDATED    | 830.000         | L.F.         |
| 791-04.22       | HDD 4IN STEEL PIPE - UNCONSOLIDATED    | 1,050.000       | L.F.         |
| 791-04.24       | HDD 8IN STEEL PIPE - UNCONSOLIDATED    | 450.000         | L.F.         |
| 791-04.29       | HDD 2IN STEEL PIPE - ROCK              | 200.000         | L.F.         |
| 791-04.31       | HDD 4IN STEEL PIPE - ROCK              | 200.000         | L.F.         |
| 791-04.33       | HDD 8IN STEEL PIPE - ROCK              | 100.000         | L.F.         |
| 791-06.09       | CONNECT TO __IN EX. PE MAIN (1)        | 2.000           | EACH         |
| 791-06.10       | CONNECT TO 2IN EX. STL MAIN            | 1.000           | EACH         |
| 791-06.17       | CONNECT TO __IN EX. STL MAIN (1)       | 4.000           | EACH         |
| 791-06.31       | CONNECT TO 2IN EX. STL MAIN W/ STOPPLE | 16.000          | EACH         |
| 791-06.32       | CONNECT TO 4IN EX. STL MAIN W/ STOPPLE | 3.000           | EACH         |
| 791-06.34       | CONNECT TO 8IN EX. STL MAIN W/ STOPPLE | 2.000           | EACH         |
| 791-06.47       | CONNECT TO 3/4IN EX. PE MAIN           | 12.000          | EACH         |
| 791-06.48       | CONNECT TO 3/4IN EX. STEEL MAIN        | 29.000          | EACH         |
| 791-07.09       | 2IN STEEL GAS VALVE ASSEMBLY           | 12.000          | EACH         |
| 791-07.10       | 4IN STEEL GAS VALVE ASSEMBLY           | 5.000           | EACH         |
| 791-07.16       | (_)IN STEEL GAS VALVE ASSEMBLY (1)     | 4.000           | EACH         |
| 791-07.21       | EXCESS FLOW VALVE (EFV)                | 28.000          | EACH         |
| 791-07.25       | 1IN PE GAS VALVE ASSEMBLY              | 4.000           | EACH         |
| 791-08.02       | 3/4IN SERVICE ASSEMBLY                 | 23.000          | EACH         |
| 791-08.03       | 1IN SERVICE ASSEMBLY                   | 2.000           | EACH         |
| 791-08.07       | 3/4IN PE SERVICE PIPE                  | 315.000         | L.F.         |
| 791-08.08       | 1IN PE SERVICE PIPE                    | 145.000         | L.F.         |
| 791-08.12       | 3/4IN STEEL SERVICE PIPE               | 315.000         | L.F.         |
| 791-08.13       | 1IN STEEL SERVICE PIPE                 | 90.000          | L.F.         |
| 791-08.18       | HDD 1IN PE SERVICE PIPE                | 240.000         | L.F.         |
| 791-08.22       | HDD 3/4IN STEEL SERVICE PIPE           | 190.000         | L.F.         |
| 791-08.23       | HDD 1IN STEEL SERVICE PIPE             | 770.000         | L.F.         |

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| <b>Item No.</b> | <b>Description</b>                         | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 791-08.41       | GAS MAIN REMOVAL                           | 5,565.000       | L.F.         |
| 791-09.05       | RESTORE ASPHALT                            | 200.000         | S.Y.         |
| 791-09.06       | RESTORE CONCRETE                           | 200.000         | S.Y.         |
| 791-09.07       | RESTORE GRAVEL                             | 200.000         | S.Y.         |
| 791-09.09       | REGULATOR STATION TIE-IN ONLY              | 1.000           | EACH         |
| 791-10.01       | RETIRE IN PLACE 3/4IN SERV CUT & PLUG      | 41.000          | EACH         |
| 791-10.02       | RETIRE IN PLACE 1IN SERV CUT & PLUG        | 6.000           | EACH         |
| 791-10.04       | RETIRE IN PLACE 2IN SERV CUT & PLUG        | 9.000           | EACH         |
| 791-10.05       | RETIRE IN PLACE 4IN SERV CUT & PLUG        | 7.000           | EACH         |
| 791-10.10       | RETIRE GAS MAIN                            | (1)             | LS           |
| 793-01.40       | ANCHOR 3/4IN                               | 20.000          | EACH         |
| 793-02.08       | GUY WIRE 10M OR 3/8IN                      | 21.000          | EACH         |
| 793-02.92       | OVERHEAD GUY WIRE (DESCRIPTION) (3/8IN)    | 3.000           | EACH         |
| 793-02.99       | INSTALL GUY GUARD                          | 20.000          | EACH         |
| 793-03.03       | 10M STRAND                                 | 12,706.000      | L.F.         |
| 793-03.40       | INSTALL STRAND BOND                        | 57.000          | EACH         |
| 793-04.01       | RELASH/DELASH CABLE                        | 1,150.000       | L.F.         |
| 793-04.07       | AERIAL SPLICE CLOSURE                      | 25.000          | EACH         |
| 793-07.01       | 12 FIBER (MATERIAL ONLY)                   | 3,254.000       | L.F.         |
| 793-07.04       | 48 FIBER(MATERIAL ONLY)                    | 10,988.000      | L.F.         |
| 793-07.05       | 96 FIBER(MATERIAL ONLY)                    | 4,876.000       | L.F.         |
| 793-07.16       | 12-96 FIBER(INSTALLATION ONLY)             | 24,220.000      | L.F.         |
| 793-07.25       | SINGLE FIBER OPTIC CABLE SPLICE            | 252.000         | EACH         |
| 793-07.31       | SINGLE FIBER AERIAL DROP                   | 530.000         | L.F.         |
| 793-07.41       | HOT SPLICE EXISTING FIBER CABLES           | 594.000         | EACH         |
| 793-07.51       | 72 FIBER (MATERIAL ONLY)                   | 5,622.000       | L.F.         |
| 793-07.91       | REARRANGE EXISTING FIBER STORAGE BRACKET   | 1.000           | EACH         |
| 793-10.02       | BURIED CABLE @ 36IN DEPTH                  | 520.000         | L.F.         |
| 793-10.08       | BURIED CABLE @ ___IN DEPTH                 | 650.000         | L.F.         |
| 793-10.20       | EXPOSE EXISTING CABLE/CONDUIT (ALL DEPTHS) | 10.000          | L.F.         |

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| <b>Item No.</b> | <b>Description</b>                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 793-11.13       | BURIED RISER GUARD                      | 7.000           | EACH         |
| 793-11.50       | REARRANGE EXISTING SPLICE CASE          | 1.000           | EACH         |
| 793-15.01       | TRANSFER CABLE ATTACHMENT               | 6.000           | EACH         |
| 793-15.02       | TRANSFER DROP ATTACHMENT                | 9.000           | EACH         |
| 793-15.03       | TRANSFER OH GUY ATTACHMENT              | 1.000           | EACH         |
| 793-98.01       | REMOVE AERIAL CABLE AND WIRE            | 12,112.000      | L.F.         |
| 793-98.04       | REMOVE POLES ALL SIZES                  | 6.000           | EACH         |
| 793-98.08       | REMOVE ANCHOR (ANY SIZE)                | 18.000          | EACH         |
| 793-98.09       | REMOVE DOWN GUY                         | 20.000          | EACH         |
| 795-01.01       | 4IN DIP RESTRAINED JOINT WATER LINE     | 130.000         | L.F.         |
| 795-01.03       | 6IN DIP RESTRAINED JOINT WATER LINE     | 860.000         | L.F.         |
| 795-01.04       | 6IN DIP SLIP JOINT WATER LINE           | 4,340.000       | L.F.         |
| 795-01.05       | 8IN DIP RESTRAINED JOINT WATER LINE     | 100.000         | L.F.         |
| 795-01.06       | 8IN DIP SLIP JOINT WATER LINE           | 1,025.000       | L.F.         |
| 795-01.07       | 10IN DIP RESTRAINED JOINT WATER LINE    | 820.000         | L.F.         |
| 795-01.08       | 10IN DIP SLIP JOINT WATER LINE          | 10,770.000      | L.F.         |
| 795-01.19       | 24IN DIP RESTRAINED JOINT WATER LINE    | 110.000         | L.F.         |
| 795-01.20       | 24IN DIP SLIP JOINT WATER LINE          | 925.000         | L.F.         |
| 795-02.34       | 8IN HDPE WATER LINE (HDD)               | 235.000         | L.F.         |
| 795-03.02       | 2IN PVC WATER LINE                      | 410.000         | L.F.         |
| 795-05.14       | HDD __IN HDPE CASING PIPE-UNCON (2)     | 1,680.000       | L.F.         |
| 795-05.63       | BORE/JACK 12IN STEEL CASING PIPE-UNCON. | 530.000         | L.F.         |
| 795-05.66       | BORE/JACK 18IN STEEL CASING PIPE-UNCON. | 650.000         | L.F.         |
| 795-05.70       | BORE/JACK 36IN STEEL CASING PIPE-UNCON. | 80.000          | L.F.         |
| 795-06.01       | CONNECT TO 2IN WATER LINE               | 6.000           | EACH         |
| 795-06.02       | CONNECT TO 3IN WATER LINE               | 3.000           | EACH         |
| 795-06.03       | CONNECT TO 4IN WATER LINE               | 3.000           | EACH         |
| 795-06.04       | CONNECT TO 6IN WATER LINE               | 16.000          | EACH         |
| 795-06.05       | CONNECT TO 8IN WATER LINE               | 6.000           | EACH         |
| 795-06.06       | CONNECT TO 10IN WATER LINE              | 3.000           | EACH         |



**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--------------------------------------|-----------------|--------------|
| 795-06.12       | CONNECT TO 24IN WATER LINE           | 2.000           | EACH         |
| 795-07.10       | 10IN X 10IN TAPPING SLEEVE AND VALVE | 1.000           | EACH         |
| 795-08.01       | 2IN GATE VALVE ASSEMBLY              | 4.000           | EACH         |
| 795-08.03       | 4IN GATE VALVE ASSEMBLY              | 6.000           | EACH         |
| 795-08.04       | 6IN GATE VALVE ASSEMBLY              | 30.000          | EACH         |
| 795-08.05       | 8IN GATE VALVE ASSEMBLY              | 10.000          | EACH         |
| 795-08.06       | 10IN GATE VALVE ASSEMBLY             | 20.000          | EACH         |
| 795-08.19       | 24IN BUTTERFLY VALVE ASSEMBLY        | 2.000           | EACH         |
| 795-08.31       | WATER VALVE EXTENSION ROD            | 40.000          | L.F.         |
| 795-09.01       | 3/4IN WATER SERVICE METER ASSEMBLY   | 44.000          | EACH         |
| 795-09.02       | 1IN WATER SERVICE METER ASSEMBLY     | 17.000          | EACH         |
| 795-09.04       | 2IN WATER SERVICE METER ASSEMBLY     | 7.000           | EACH         |
| 795-09.09       | RELOCATE/RECONNECT SERVICE ASSEMBLY  | 1.000           | EACH         |
| 795-09.22       | 2IN PVC SERVICE PIPE                 | 150.000         | L.F.         |
| 795-09.51       | RECONNECT SERVICE ASSEMBLY           | 82.000          | EACH         |
| 795-09.62       | 1IN PEX SERVICE PIPE                 | 2,520.000       | L.F.         |
| 795-10.03       | 1IN AUTO AIR RELEASE VALVE ASSEMBLY  | 2.000           | EACH         |
| 795-10.09       | 4IN AUTO AIR RELEASE VALVE ASSEMBLY  | 1.000           | EACH         |
| 795-10.31       | 2IN BLOW-OFF ASSEMBLY                | 2.000           | EACH         |
| 795-11.02       | FIRE HYDRANT ASSEMBLY                | 19.000          | EACH         |
| 795-11.12       | RETIRE IN PLACE EXISTING WATER MAIN  | 5,485.000       | L.F.         |
| 795-12.01       | REMOVE FIRE HYDRANT                  | 12.000          | EACH         |
| 795-12.02       | REMOVAL OF EXISTING LINE             | (1)             | LS           |
| 795-13.01       | DI FITTINGS                          | 86,000.000      | LB.          |
| 795-13.05       | CREEK CROSSING (DESCRIPTION) (# 1)   | (1)             | LS           |
| 795-14.01       | CLASS A CONCRETE                     | 25.000          | C.Y.         |
| 795-14.05       | CONCRETE ENCASMENT                   | 30.000          | L.F.         |
| 795-14.08       | RESTORE ASPHALT                      | 200.000         | S.Y.         |
| 795-14.09       | RESTORE CONCRETE                     | 100.000         | S.Y.         |
| 795-14.10       | RESTORE GRAVEL                       | 400.000         | S.Y.         |

**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 795-15.02       | 12IN STEEL CASING PIPE OPEN CUT METHOD  | 160.000         | L.F.         |
| 795-15.04       | 18IN STEEL CASING PIPE OPEN CUT METHOD  | 160.000         | L.F.         |
| 795-15.11       | 36IN STEEL CASING PIPE OPEN CUT METHOD  | 20.000          | L.F.         |
| 795-21.01       | RETIRE WATER METER ASSEMBLIES           | (1)             | LS           |
| 795-70.01       | POLYETHYLENE PIPE PROTECT - 8"          | 200.000         | L.F.         |
| 795-70.02       | POLYETHYLENE PIPE PROTECT - 12"         | 4,450.000       | L.F.         |
| 797-01.18       | 16IN EPOXY COATED DIP FORCE MAIN        | 480.000         | L.F.         |
| 797-03.08       | 6IN PVC FORCE MAIN                      | 710.000         | L.F.         |
| 797-05.01       | 8IN DIP GRAVITY SEWER 0FT-6FT DEPTH     | 60.000          | L.F.         |
| 797-05.02       | 8IN DIP GRAVITY SEWER 6FT-12FT DEPTH    | 250.000         | L.F.         |
| 797-05.03       | 8IN DIP GRAVITY SEWER 12FT-18FT DEPTH   | 40.000          | L.F.         |
| 797-05.51       | 8IN PVC GRAVITY SEWER 0FT-6FT DEPTH     | 760.000         | L.F.         |
| 797-05.52       | 8IN PVC GRAVITY SEWER 6FT-12FT DEPTH    | 4,630.000       | L.F.         |
| 797-05.53       | 8IN PVC GRAVITY SEWER 12FT-18FT DEPTH   | 1,480.000       | L.F.         |
| 797-06.62       | BORE/JACK 12IN STEEL CASING PIPE-UNCON. | 120.000         | L.F.         |
| 797-06.65       | BORE/JACK 18IN STEEL CASING PIPE-UNCON. | 345.000         | L.F.         |
| 797-06.67       | BORE/JACK 24IN STEEL CASING PIPE-UNCON. | 190.000         | L.F.         |
| 797-06.91       | OPEN CUT 18IN STEEL CASING PIPE         | 230.000         | L.F.         |
| 797-06.93       | OPEN CUT 24IN STEEL CASING PIPE         | 85.000          | L.F.         |
| 797-07.02       | 48IN MANHOLE 4FT-6FT DEPTH              | 3.000           | EACH         |
| 797-07.03       | 48IN MANHOLE 6FT-8FT DEPTH              | 7.000           | EACH         |
| 797-07.04       | 48IN MANHOLE 8FT-10FT DEPTH             | 12.000          | EACH         |
| 797-07.05       | 48IN MANHOLE 10FT-12FT DEPTH            | 12.000          | EACH         |
| 797-07.06       | 48IN MANHOLE 12FT-14FT DEPTH            | 8.000           | EACH         |
| 797-07.07       | 48IN MANHOLE 14FT-16FT DEPTH            | 2.000           | EACH         |
| 797-07.08       | 48IN MANHOLE 16FT-20FT DEPTH            | 5.000           | EACH         |
| 797-07.18       | 60IN MANHOLE 14FT-16FT DEPTH            | 1.000           | EACH         |
| 797-07.56       | MANHOLE DROP CONNECTION ASSEMBLY        | 1.000           | EACH         |
| 797-07.80       | REMOVE SEWER MANHOLE                    | 4.000           | EACH         |
| 797-08.01       | DI FITTINGS                             | 5,300.000       | LB.          |

**Contract ID CNV284 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 797-08.02       | PVC FITTINGS                            | 600.000         | LB.          |
| 797-08.04       | 4IN PVC PIPE FOR SERVICE LATERAL        | 200.000         | L.F.         |
| 797-08.05       | 6IN PVC PIPE FOR SERVICE LATERAL        | 570.000         | L.F.         |
| 797-08.08       | 6IN CLEAN OUT ASSEMBLY                  | 38.000          | EACH         |
| 797-08.62       | 6IN GATE VALVE ASSEMBLY                 | 2.000           | EACH         |
| 797-08.67       | 16IN GATE VALVE ASSEMBLY                | 2.000           | EACH         |
| 797-10.02       | CONNECT 8IN SEWER TO EXIST. MANHOLE     | 5.000           | EACH         |
| 797-10.06       | CONNECT 6IN LATERAL TO SEWER LINE       | 40.000          | EACH         |
| 797-10.09       | CONNECT EX. 8IN SEWER TO NEW MANHOLE    | 14.000          | EACH         |
| 797-10.10       | CONNECT EX.10-18IN SEWER TO NEW MANHOLE | 3.000           | EACH         |
| 797-10.17       | CONNECT TO 6IN FORCE MAIN               | 2.000           | EACH         |
| 797-10.21       | CONNECT TO 16IN FORCE MAIN              | 2.000           | EACH         |
| 797-11.15       | 48IN MH ADJUSTMENT INCREASE HEIGHT      | 34.000          | V.F.         |
| 797-11.20       | 48IN MH ADJUSTMENT DECREASE HEIGHT      | 12.000          | V.F.         |
| 797-11.25       | RETIREIN PLACE 48IN MANHOLE             | 32.000          | EACH         |
| 797-11.30       | RETIREIN PLACE EXISTING SEWER <8IN      | 600.000         | L.F.         |
| 797-11.31       | RETIREIN PLACE EXISTING SEWER 8IN-14IN  | 5,390.000       | L.F.         |
| 797-11.32       | RETIREIN PLACE EXISTING SEWER 15IN-24IN | 100.000         | L.F.         |
| 797-11.34       | REMOVE EXISTING SEWER <8IN              | 920.000         | L.F.         |
| 797-11.35       | REMOVE EXISTING SEWER 8IN-14IN          | 1,505.000       | L.F.         |
| 797-11.36       | REMOVE EXISTING SEWER 15IN-24IN         | 370.000         | L.F.         |
| 797-11.38       | BY-PASS PUMPING                         | (1)             | LS           |
| 797-11.40       | RESTORE ASPHALT                         | 100.000         | S.Y.         |
| 797-11.41       | RESTORE CONCRETE                        | 100.000         | S.Y.         |
| 797-11.42       | RESTORE GRAVEL                          | 200.000         | S.Y.         |
| 797-40.01       | CONCRETE ENCASEMENT                     | 120.000         | L.F.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV098 - PUTNAM**

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**Contract ID:** CNV098

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 71002-3225-94

STP-SIP-24(72)

**Counties:** PUTNAM

**District:**

**DBE Goal Percent:** 6.50

**Description:** The grading, drainage, signals and paving on U.S. 70N (S.R. 24) at the intersection of S.R. 56 (L.M. 11.64) in Baxter.

**Contract Time:** DT - 8/31/2022

| Item No.  | Description   | Quantity  | Units |
|-----------|---|-----------|-------|
| 105-01    | CONSTRUCTION STAKES, LINES AND GRADES                       | (1)       | LS    |
| 201-01    | CLEARING AND GRUBBING                                       | (1)       | LS    |
| 202-01.13 | REMOVAL OF PIPE (SIZE ,STA.) (24" CMP ,STA. 216+36 S.R. 56) | 67.000    | L.F.  |
| 202-01.50 | REMOVAL OF STRUCTURES AND OBSTRUCTIONS                      | 1.000     | EACH  |
| 203-01    | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)                   | 4,150.000 | C.Y.  |
| 203-04    | PLACING AND SPREADING TOPSOIL                               | 550.000   | C.Y.  |
| 204-08.01 | BACKFILL MATERIAL (FLOWABLE FILL)                           | 6.000     | C.Y.  |
| 209-05    | SEDIMENT REMOVAL  | 264.000   | C.Y.  |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)                         | 369.000   | L.F.  |
| 209-08.03 | TEMPORARY SILT FENCE (WITHOUT BACKING)                      | 6,400.000 | L.F.  |
| 209-08.07 | ROCK CHECK DAM  | 23.000    | EACH  |
| 209-08.08 | ENHANCED ROCK CHECK DAM                                     | 5.000     | EACH  |
| 209-40.33 | CATCH BASIN PROTECTION (TYPE D)                             | 4.000     | EACH  |
| 303-01    | MINERAL AGGREGATE, TYPE A BASE, GRADING D                   | 3,461.000 | TON   |
| 303-10.01 | MINERAL AGGREGATE (SIZE 57)                                 | 9.000     | TON   |
| 307-01.21 | ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S                   | 1,025.000 | TON   |
| 307-02.01 | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A          | 1,325.000 | TON   |
| 307-02.08 | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2       | 858.000   | TON   |

**Contract ID CNV098 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 402-01          | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                 | 11.200          | TON          |
| 402-02          | AGGREGATE FOR COVER MATERIAL (PC)                       | 38.500          | TON          |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)                  | 7.000           | TON          |
| 407-20.05       | SAW CUTTING ASPHALT PAVEMENT                            | 4,263.000       | L.F.         |
| 411-02.10       | ACS MIX(PG70-22) GRADING D                              | 1,219.000       | TON          |
| 411-12.03       | SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)  | 0.970           | L.M.         |
| 415-01.02       | COLD PLANING BITUMINOUS PAVEMENT                        | 10,985.000      | S.Y.         |
| 607-05.02       | 24" CONCRETE PIPE CULVERT (CLASS III)                   | 36.000          | L.F.         |
| 607-06.02       | 30" CONCRETE PIPE CULVERT (CLASS III)                   | 132.000         | L.F.         |
| 611-09.04       | CATCHBASIN RETROFIT                                     | 2.000           | EACH         |
| 707-08.11       | HIGH-VISIBILITY CONSTRUCTION FENCE                      | 196.000         | L.F.         |
| 709-05.05       | MACHINED RIP-RAP (CLASS A-3)                            | 201.000         | TON          |
| 709-05.06       | MACHINED RIP-RAP (CLASS A-1)                            | 46.000          | TON          |
| 709-05.08       | MACHINED RIP-RAP (CLASS B)                              | 15.000          | TON          |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                           | 241.000         | EACH         |
| 712-05.01       | WARNING LIGHTS (TYPE A)                                 | 14.000          | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                    | 398.000         | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                         | 84.000          | L.F.         |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                    | 1,550.000       | LB.          |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)                | 315.000         | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)                | 80.000          | S.F.         |
| 713-14.21       | STREET NAME SIGN (RIGID 0.100IN THICK)                  | 48.000          | S.F.         |
| 713-15          | REMOVAL OF SIGNS, POSTS AND FOOTINGS                    | (1)             | LS           |
| 713-15.02       | REMOVAL & RELOCATION OF SIGN & SUPPORT                  | 6.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 149.000         | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR) | 82.000          | EACH         |
| 716-01.30       | REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER               | 150.000         | EACH         |

**Contract ID CNV098 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                                | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING) | 58.000          | S.Y.         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)              | 180.000         | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)        | 19.000          | EACH         |
| 716-02.07       | PLASTIC PAVEMENT MARKING (24" BARRIER LINE)       | 120.000         | L.F.         |
| 716-02.08       | PLASTIC PAVEMENT MARKING (8" DOTTED LINE)         | 1,010.000       | L.F.         |
| 716-02.12       | PLASTIC PAVEMENT MARKING (8IN LINE)               | 0.330           | L.M.         |
| 716-03.01       | PLASTIC WORD PAVEMENT MARKING (ONLY)              | 2.000           | EACH         |
| 716-04.12       | PLASTIC PAVEMENT MARKING (YIELD LINE)             | 30.000          | S.F.         |
| 716-05.01       | PAINTED PAVEMENT MARKING (4" LINE)                | 4.000           | L.M.         |
| 716-05.05       | PAINTED PAVEMENT MARKING (STOP LINE)              | 180.000         | L.F.         |
| 716-05.21       | PAINTED PAVEMENT MARKING(4"DOTTED LINE)           | 1,010.000       | L.F.         |
| 716-08.01       | REMOVAL OF PAVEMENT MARKING (LINE)                | 180.000         | L.F.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)    | 2.750           | L.M.         |
| 717-01          | MOBILIZATION                                      | (1)             | LS           |
| 730-01.02       | REMOVAL OF SIGNAL EQUIPMENT                       | 1.000           | EACH         |
| 730-02.09       | SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)         | 4.000           | EACH         |
| 730-02.17       | SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)     | 4.000           | EACH         |
| 730-03.21       | INSTALL PULL BOX (TYPE B)                         | 18.000          | EACH         |
| 730-05.01       | ELECTRICAL SERVICE CONNECTION                     | 1.000           | EACH         |
| 730-08.03       | SIGNAL CABLE - 7 CONDUCTOR                        | 990.000         | L.F.         |
| 730-12.01       | CONDUIT 1" DIAMETER (PVC)                         | 1,690.000       | L.F.         |
| 730-12.02       | CONDUIT 2" DIAMETER (PVC)                         | 125.000         | L.F.         |
| 730-12.12       | CONDUIT 1" DIAMETER (JACK AND BORE)               | 165.000         | L.F.         |
| 730-12.13       | CONDUIT 2" DIAMETER (JACK AND BORE)               | 765.000         | L.F.         |
| 730-13.01       | VEHICLE LOOP DETECTOR (SHELF MOUNT)               | 15.000          | EACH         |
| 730-14.01       | SHIELDED DETECTOR CABLE                           | 3,600.000       | L.F.         |
| 730-14.02       | SAW SLOT  | 1,450.000       | L.F.         |
| 730-14.03       | LOOP WIRE   | 3,500.000       | L.F.         |

**Contract ID CNV098 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                        | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 730-15.32       | CABINET (EIGHT PHASE BASE MOUNTED)        | 1.000           | EACH         |
| 730-16.04       | CONTROLLER (ATC)                          | 1.000           | EACH         |
| 730-23.88       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')   | 1.000           | EACH         |
| 730-25.05       | CANTILEVER SIGNAL SUPPORT (2 @ 50' & 65') | 1.000           | EACH         |
| 730-25.13       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 65')   | 1.000           | EACH         |
| 740-10.03       | GEOTEXTILE (TYPE III)(EROSION CONTROL)    | 451.000         | S.Y.         |
| 740-11.01       | TEMPORARY SEDIMENT TUBE 8IN               | 34.000          | L.F.         |
| 801-01          | SEEDING (WITH MULCH)                      | 75.000          | UNIT         |
| 801-01.36       | SPECIAL WETLAND SEED MIXTURE              | 0.400           | UNIT         |
| 801-01.65       | TEMPORARY MULCH                           | 0.400           | UNIT         |
| 801-03          | WATER (SEEDING & SODDING)                 | 10.000          | M.G.         |
| 805-12.01       | EROSION CONTROL BLANKET (TYPE I)          | 793.000         | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV279 - PUTNAM**

**Contract ID:** CNV279

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 71S056-M3-002

NA

**Counties:** PUTNAM

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 56 over I-40 (L.M. 0.54).

**Contract Time:** DT - 11/30/2021

| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 202-01.02       | REMOVAL OF ASBESTOS   | (1)             | LS           |
| 202-04.01       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(71-SR056-00.54) | (1)             | LS           |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)                        | 0.500           | TON          |
| 411-01.10       | ACS MIX(PG64-22) GRADING D                                    | 72.000          | TON          |
| 415-01.01       | COLD PLANING BITUMINOUS PAVEMENT                              | 113.000         | TON          |
| 604-02.03       | EPOXY COATED REINFORCING STEEL                                | 3,612.000       | LB.          |
| 604-03.02       | STEEL BAR REINFORCEMENT (BRIDGES)                             | 80.000          | LB.          |
| 604-03.09       | CLASS D CONCRETE (BRIDGE DECK)                                | 15.000          | C.Y.         |
| 604-04.01       | APPLIED TEXTURE FINISH (NEW STRUCTURES)                       | 135.000         | S.Y.         |
| 604-05.31       | BRIDGE DECK GROOVING (MECHANICAL)                             | 50.000          | S.Y.         |
| 604-10.54       | CONCRETE REPAIRS  | 12.000          | S.F.         |
| 615-01.03       | PRESTRESSED CONCRETE I-BEAM (TYPE III)                        | 46.000          | L.F.         |
| 617-02          | BRIDGE DECK CRACK SEALING                                     | 59.000          | L.F.         |
| 617-05          | SEALANT (DESCRIPTION) (HMWM)                                  | 1.000           | GAL.         |
| 620-05.01       | CONC PARAPET SINGLE SLOPE (STD-1-1SS)                         | 48.000          | L.F.         |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-02.12       | PORTABLE BARRIER RAIL, REDUCED DEFLECTION<br>(MASH TL-3)      | 550.000         | L.F.         |
| 712-02.60       | TEMPORARY WORK ZONE CRASH CUSHION (MASH<br>TL-3)              | 3.000           | EACH         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                                 | 20.000          | EACH         |



**Contract ID CNV279 - PUTNAM**

| <b>Item No.</b> | <b>Description</b>                             | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 712-04.50       | BARRIER RAIL DELINEATOR                        | 25.000          | EACH         |
| 712-05.01       | WARNING LIGHTS (TYPE A)                        | 6.000           | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                           | 787.000         | S.F.         |
| 712-09.04       | REMOVABLE PAVEMENT MARKING (STOP LINE)         | 200.000         | L.F.         |
| 712-09.08       | REMOVABLE PAVEMENT MARKING (6" line)           | 4,000.000       | L.F.         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                   | 2.000           | EACH         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)           | 200.000         | L.F.         |
| 716-03.02       | PLASTIC WORD PAVEMENT MARKING (RXR)            | 2.000           | EACH         |
| 716-05.02       | PAINTED PAVEMENT MARKING (8" BARRIER LINE)     | 550.000         | L.F.         |
| 716-08.01       | REMOVAL OF PAVEMENT MARKING (LINE)             | 475.000         | L.F.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE) | 1.000           | L.M.         |
| 717-01          | MOBILIZATION                                   | (1)             | LS           |
| 730-40          | TEMPORARY TRAFFIC SIGNAL SYSTEM                | 1.000           | EACH         |
| 740-11.02       | TEMPORARY SEDIMENT TUBE 12IN                   | 100.000         | L.F.         |
| 801-01          | SEEDING (WITH MULCH)                           | 1.000           | UNIT         |
| 908-21.01       | BEARINGS (DESCRIPTION) (Bent No. 1)            | 1.000           | EACH         |

**( ) Item will be bid as lump sum.**

Contract ID CNV247 - ROANE

**Contract ID:** CNV247

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 73946-3411-94

HSIP-7300(35)

**Counties:** ROANE

**District:**

**DBE Goal Percent:**

**Description:** The miscellaneous safety improvements on various local roads.

**Contract Time:** DT - 4/30/2022

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 706-10.26 | ROUNDED END ELEMENT                                | 1.000     | EACH  |
| 712-01    | TRAFFIC CONTROL                                    | (1)       | LS    |
| 713-02.14 | FLEXIBLE DELINEATOR (WHITE)                        | 17.000    | EACH  |
| 713-02.20 | ROADSIDE OBSTACLE DELINEATION                      | 753.000   | S.F.  |
| 713-02.21 | SIGN POST DELINEATION ENHANCEMENT                  | 870.000   | L.F.  |
| 713-11.01 | "U" SECTION STEEL POSTS                            | 2,516.000 | LB.   |
| 713-11.02 | PERFORATED/KNOCKOUT SQUARE TUBE POST               | 6,631.000 | LB.   |
| 713-13.02 | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)           | 622.000   | S.F.  |
| 713-13.03 | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)           | 1,349.000 | S.F.  |
| 713-15.36 | REMOVE SIGN, SUPPORT & FOOTING                     | 107.000   | EACH  |
| 713-16.05 | RAILROAD CROSS-BUCK SIGN & SUPPORT                 | 2.000     | EACH  |
| 713-16.09 | RAILROAD ADVANCE WARNING SIGN AND SUPPORT          | 2.000     | EACH  |
| 716-02.04 | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)  | 60.000    | S.Y.  |
| 716-02.05 | PLASTIC PAVEMENT MARKING (STOP LINE)               | 756.000   | L.F.  |
| 716-02.06 | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)         | 3.000     | EACH  |
| 716-03.02 | PLASTIC WORD PAVEMENT MARKING (RXR)                | 2.000     | EACH  |
| 716-13.01 | SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)        | 53.000    | L.M.  |
| 716-13.04 | SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE) | 1,200.000 | L.F.  |

**Contract ID CNV247 - ROANE**

| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 716-13.05       | SPRAY THERMO PVMT MRKNG (60 mil) (6IN DOTTED LINE) | 1,380.000       | L.F.         |
| 717-01          | MOBILIZATION                                       | (1)             | LS           |

**( ) Item will be bid as lump sum.**

**Contract ID CNV281 - ROBERTSON**

**Contract ID:** CNV281

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 74003-3174-44

NH-I-65-3(128)

**Counties:** ROBERTSON

**District:**

**DBE Goal Percent:** 8.00

**Description:** The grading, drainage, construction of bridges and retaining walls, ITS and paving on I-65 from near S.R. 25 (Main Street) (L.M. 7.46) to near S.R. 109 (L.M. 17.12).

**Contract Time:** CD - 1567 Days

| Item No.  | Description                               | Quantity    | Units |
|-----------|---|-------------|-------|
| 105-01    | CONSTRUCTION STAKES, LINES AND GRADES     | (1)         | LS    |
| 109-10.01 | TRAINEE                                   | 6,740.000   | HOURL |
| 201-01.02 | CLEARING                                  | 9.000       | ACRE  |
| 202-01    | REMOVAL OF STRUCTURES AND OBSTRUCTIONS    | (1)         | LS    |
| 202-03    | REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC. | 20,936.000  | S.Y.  |
| 203-01    | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED) | 578,776.000 | C.Y.  |
| 203-02.01 | BORROW EXCAVATION (GRADED SOLID ROCK)     | 742,359.000 | TON   |
| 203-03    | BORROW EXCAVATION (UNCLASSIFIED)          | 103,560.000 | C.Y.  |
| 203-04    | PLACING AND SPREADING TOPSOIL             | 43,699.000  | C.Y.  |
| 203-05    | UNDERCUTTING                              | 362,363.000 | C.Y.  |
| 203-06    | WATER                                     | 5,384.000   | M.G.  |
| 203-08    | CHANNEL EXCAVATION (UNCLASSIFIED)         | 14.000      | C.Y.  |
| 204-01    | CULVERT EXCAVATION (UNCLASSIFIED)         | 40.000      | C.Y.  |
| 204-08    | FOUNDATION FILL MATERIAL                  | 46.000      | C.Y.  |
| 204-08.01 | BACKFILL MATERIAL (FLOWABLE FILL)         | 5,820.000   | C.Y.  |
| 209-03.23 | FILTER SOCK (24 INCH)                     | 3,649.000   | L.F.  |
| 209-03.99 | PROTECTED AREA MARKER (WHITE WITH DECAL)  | 69.000      | EACH  |
| 209-05    | SEDIMENT REMOVAL                          | 4,250.000   | C.Y.  |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)       | 118,350.000 | L.F.  |
| 209-08.07 | ROCK CHECK DAM                            | 1,034.000   | EACH  |

**Contract ID CNV281 - ROBERTSON**

| <b>Item No.</b> | <b>Description</b>                                       | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 209-08.08       | ENHANCED ROCK CHECK DAM                                  | 584.000         | EACH         |
| 209-09.01       | SANDBAGS   | 4,890.000       | BAG          |
| 209-09.04       | SEDIMENT FILTER BAG(15' X 10')                           | 15.000          | EACH         |
| 209-09.43       | CURB INLET PROTECTION (TYPE 4)                           | 180.000         | EACH         |
| 209-20.03       | POLYETHYLENE SHEETING (6 MIL. MINIMUM)                   | 339.000         | S.Y.         |
| 209-40.30       | CATCH BASIN PROTECTION (TYPE A)                          | 103.000         | EACH         |
| 209-40.33       | CATCH BASIN PROTECTION (TYPE D)                          | 48.000          | EACH         |
| 209-40.41       | CATCH BASIN FILTER ASSEMBLY(TYPE 1)                      | 3.000           | EACH         |
| 209-40.43       | CATCH BASIN FILTER ASSEMBLY(TYPE 3)                      | 10.000          | EACH         |
| 209-40.44       | CATCH BASIN FILTER ASSEMBLY(TYPE 4)                      | 84.000          | EACH         |
| 209-40.45       | CATCH BASIN FILTER ASSEMBLY(TYPE 5)                      | 3.000           | EACH         |
| 209-65.04       | TEMPORARY IN STREAM DIVERSION                            | 1,318.000       | L.F.         |
| 303-01          | MINERAL AGGREGATE, TYPE A BASE, GRADING D                | 652,493.000     | TON          |
| 303-01.01       | GRANULAR BACKFILL (ROADWAY)                              | 453.000         | TON          |
| 303-10.01       | MINERAL AGGREGATE (SIZE 57)                              | 14,017.000      | TON          |
| 303-20.02       | RIVER GRAVEL   | 662.000         | TON          |
| 307-01.01       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING A    | 52,955.000      | TON          |
| 307-01.08       | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2 | 31,678.000      | TON          |
| 307-01.21       | ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S                | 1,637.000       | TON          |
| 307-01.22       | ASP. CONC. MIX(PG76-22) (BPMB-HM) GR. A-S                | 55,796.000      | TON          |
| 307-02.01       | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM)<br>GRADING A    | 2,066.000       | TON          |
| 307-02.08       | ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM)<br>GRADING B-M2 | 60.000          | TON          |
| 307-03.01       | ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM)<br>GRADING A    | 171,131.000     | TON          |
| 307-03.08       | ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM)<br>GRADING B-M2 | 47,222.000      | TON          |
| 307-03.10       | ASPHALT CONC MIX (PG76-22)(BPMB-HM) GR CS                | 3,000.000       | TON          |
| 313-03          | TREATED PERMEABLE BASE                                   | 34,090.000      | S.Y.         |
| 402-01          | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                  | 1,068.000       | TON          |

**Contract ID CNV281 - ROBERTSON**

| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 402-02          | AGGREGATE FOR COVER MATERIAL (PC)                  | 3,795.000       | TON          |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)             | 406.000         | TON          |
| 411-01.07       | ACS MIX (PG64-22) GRADING E SHOULDER               | 1,821.000       | TON          |
| 411-01.10       | ACS MIX(PG64-22) GRADING D                         | 1,479.000       | TON          |
| 411-02.10       | ACS MIX(PG70-22) GRADING D                         | 745.000         | TON          |
| 411-03.10       | ACS MIX(PG76-22) GRADING D                         | 43,928.000      | TON          |
| 411-03.12       | ACS MIX(PG64-22) THIN LIFT D ASPHALT               | 5,892.000       | TON          |
| 411-12.01       | SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)        | 39.500          | L.M.         |
| 415-01.01       | COLD PLANING BITUMINOUS PAVEMENT                   | 5,418.000       | TON          |
| 501-01.03       | PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"      | 11,953.000      | S.Y.         |
| 501-01.06       | PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 13"      | 19,118.000      | S.Y.         |
| 502-04.01       | SAWING CONCRETE PAVEMENT (FULL DEPTH)              | 250.000         | L.F.         |
| 607-02.02       | 15" CONCRETE PIPE CULVERT(CLASS III)               | 51.000          | L.F.         |
| 607-03.02       | 18" CONCRETE PIPE CULVERT (CLASS III)              | 14,995.000      | L.F.         |
| 607-03.05       | 18" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE | 1,860.000       | L.F.         |
| 607-05.02       | 24" CONCRETE PIPE CULVERT (CLASS III)              | 2,123.000       | L.F.         |
| 607-05.05       | 24" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE | 454.000         | L.F.         |
| 607-06.02       | 30" CONCRETE PIPE CULVERT (CLASS III)              | 200.000         | L.F.         |
| 607-06.05       | 30" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE | 150.000         | L.F.         |
| 607-07.02       | 36" CONCRETE PIPE CULVERT (CLASS III)              | 104.000         | L.F.         |
| 607-07.05       | 36" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE | 104.000         | L.F.         |
| 607-08.02       | 42" CONCRETE PIPE CULVERT (CLASS III)              | 8.000           | L.F.         |
| 611-01.02       | MANHOLES, > 4' - 8' DEPTH                          | 1.000           | EACH         |
| 611-01.03       | MANHOLES, > 8' - 12' DEPTH                         | 2.000           | EACH         |
| 611-01.04       | MANHOLES, > 12' - 16' DEPTH                        | 1.000           | EACH         |
| 611-02.10       | JUNCTION BOX, TYPE 1                               | 12.000          | EACH         |

**Contract ID CNV281 - ROBERTSON**

| <b>Item No.</b> | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 611-02.11       | JUNCTION BOX, TYPE 2                     | 7.000           | EACH         |
| 611-02.12       | JUNCTION BOX, TYPE 3                     | 4.000           | EACH         |
| 611-02.13       | JUNCTION BOX, TYPE 4                     | 1.000           | EACH         |
| 611-07.01       | CLASS A CONCRETE (PIPE ENDWALLS)         | 33.000          | C.Y.         |
| 611-07.02       | STEEL BAR REINFORCEMENT (PIPE ENDWALLS)  | 1,247.000       | LB.          |
| 611-07.31       | 18IN ENDWALL (SIDE DRAIN)                | 8.000           | EACH         |
| 611-07.56       | 18IN ENDWALL (CROSS DRAIN) 6:1           | 18.000          | EACH         |
| 611-07.59       | 24IN ENDWALL (CROSS DRAIN) 6:1           | 10.000          | EACH         |
| 611-07.64       | 36IN ENDWALL (CROSS DRAIN) 4:1           | 2.000           | EACH         |
| 611-07.65       | 36IN ENDWALL (CROSS DRAIN) 6:1           | 2.000           | EACH         |
| 611-07.68       | 42IN ENDWALL (CROSS DRAIN) 6:1           | 1.000           | EACH         |
| 611-07.73       | 18IN ENDWALL (MEDIAN DRAIN)              | 5.000           | EACH         |
| 611-31.02       | CATCH BASINS, TYPE 31, > 4' - 8' DEPTH   | 74.000          | EACH         |
| 611-31.03       | CATCH BASINS, TYPE 31, > 8' - 12' DEPTH  | 7.000           | EACH         |
| 611-31.04       | CATCH BASINS, TYPE 31, > 12' - 16' DEPTH | 2.000           | EACH         |
| 611-38.01       | CATCH BASINS, TYPE 38, 0' - 4' DEPTH     | 2.000           | EACH         |
| 611-38.02       | CATCH BASINS, TYPE 38, > 4' - 8' DEPTH   | 5.000           | EACH         |
| 611-38.03       | CATCH BASINS, TYPE 38, > 8' - 12' DEPTH  | 5.000           | EACH         |
| 611-38.04       | CATCH BASINS, TYPE 38, > 12' - 16' DEPTH | 2.000           | EACH         |
| 611-39.01       | CATCH BASINS, TYPE 39, 0' - 4' DEPTH     | 2.000           | EACH         |
| 611-39.02       | CATCH BASINS, TYPE 39, > 4' - 8' DEPTH   | 2.000           | EACH         |
| 611-39.03       | CATCH BASINS, TYPE 39, > 8' - 12' DEPTH  | 6.000           | EACH         |
| 611-42.02       | CATCH BASINS, TYPE 42, > 4' - 8' DEPTH   | 3.000           | EACH         |
| 611-43.02       | CATCH BASINS, TYPE 43, > 4' - 8' DEPTH   | 2.000           | EACH         |
| 611-46.02       | CATCH BASINS, TYPE 46, > 4' - 8' DEPTH   | 2.000           | EACH         |
| 611-51.02       | CATCH BASINS, TYPE 51, > 4' - 8' DEPTH   | 8.000           | EACH         |
| 611-51.03       | CATCH BASINS, TYPE 51, > 8' - 12' DEPTH  | 1.000           | EACH         |
| 621-03.01       | 15" TEMPORARY DRAINAGE PIPE              | 50.000          | L.F.         |
| 621-03.02       | 18" TEMPORARY DRAINAGE PIPE              | 16,260.000      | L.F.         |
| 621-03.03       | 24" TEMPORARY DRAINAGE PIPE              | 715.000         | L.F.         |

**Contract ID CNV281 - ROBERTSON**

| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 621-03.04       | 30" TEMPORARY DRAINAGE PIPE                        | 1,360.000       | L.F.         |
| 621-03.05       | 36" TEMPORARY DRAINAGE PIPE                        | 301.000         | L.F.         |
| 705-02.10       | GUARDRAIL TRANSITION 27IN TO 31IN                  | 12.000          | EACH         |
| 705-06.01       | W BEAM GR (TYPE 2) MASH TL-3                       | 20,274.000      | L.F.         |
| 705-06.10       | GR TERMINALTRAILING END (TYPE 13) MASH TL-3        | 38.000          | EACH         |
| 705-06.20       | TANGENT ENERGY ABSORBING TERM MASH TL-3            | 64.000          | EACH         |
| 705-06.25       | THRIE BEAM BRIDGE TRANSITION MASH TL-3             | 42.000          | EACH         |
| 706-01          | GUARDRAIL REMOVED                                  | 19,470.000      | L.F.         |
| 706-05          | GUARDRAIL ADJUSTMENT                               | 8,203.000       | L.F.         |
| 707-01.11       | CHAIN LINK FENCE (6 FOOT)                          | 98,434.000      | L.F.         |
| 707-01.12       | END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE 6')    | 351.000         | EACH         |
| 707-06.01       | REMOVAL OF FENCE (DESCRIPTION) (EXISTING CA FENCE) | 98,434.000      | L.F.         |
| 707-08.11       | HIGH-VISIBILITY CONSTRUCTION FENCE                 | 33,297.000      | L.F.         |
| 709-05.05       | MACHINED RIP-RAP (CLASS A-3)                       | 9,580.000       | TON          |
| 709-05.06       | MACHINED RIP-RAP (CLASS A-1)                       | 3,144.000       | TON          |
| 709-05.08       | MACHINED RIP-RAP (CLASS B)                         | 6,011.000       | TON          |
| 709-05.09       | MACHINED RIP-RAP (CLASS C)                         | 362.000         | TON          |
| 709-05.81       | ROCK RIFFLES                                       | (1)             | LS           |
| 710-02          | AGGREGATE UNDERDRAINS (WITH PIPE)                  | 131,294.000     | L.F.         |
| 710-05          | LATERAL UNDERDRAIN                                 | 18,235.000      | L.F.         |
| 710-06.11       | LATERAL UNDERDRAIN ENDWALL (2:1)                   | 7.000           | EACH         |
| 710-06.12       | LATERAL UNDERDRAIN ENDWALL (3:1)                   | 35.000          | EACH         |
| 710-06.13       | LATERAL UNDERDRAIN ENDWALL (4:1)                   | 51.000          | EACH         |
| 710-06.14       | LATERAL UNDERDRAIN ENDWALL (5:1)                   | 69.000          | EACH         |
| 710-06.15       | LATERAL UNDERDRAIN ENDWALL (6:1)                   | 359.000         | EACH         |
| 711-05.71       | 51IN SINGLE SLOPE CONCRETE BARRIER WALL            | 23,885.000      | L.F.         |
| 711-05.72       | SINGLE SLOPE HALF CONCRETE BARRIER WALL            | 1,587.000       | L.F.         |
| 711-05.77       | FLARED S/S CONCRETE MEDIAN BARRIER WALL            | 580.000         | L.F.         |
| 712-01          | TRAFFIC CONTROL                                    | (1)             | LS           |



**Contract ID CNV281 - ROBERTSON**

| <b>Item No.</b> | <b>Description</b>                                    | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL                  | 198,661.000     | L.F.         |
| 712-02.60       | TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)         | 75.000          | EACH         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                         | 2,159.000       | EACH         |
| 712-04.50       | BARRIER RAIL DELINEATOR                               | 3,291.000       | EACH         |
| 712-05.01       | WARNING LIGHTS (TYPE A)                               | 8.000           | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                  | 10,554.000      | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                       | 400.000         | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                                  | 10.000          | EACH         |
| 712-08.10       | MOBILE MESSAGE SIGN UNIT W/ATTENUATOR                 | 2,000.000       | HOUR         |
| 712-08.13       | QUEUE PROTECTION TRUCK (EMERGENCY CALL OUT)           | 30.000          | DAY          |
| 712-09.08       | REMOVABLE PAVEMENT MARKING (6" line)                  | 58,001.000      | L.F.         |
| 712-10.02       | TEMPORARY TRANSVERSE RUMBLE STRIPS                    | 384.000         | L.F.         |
| 713-01.01       | CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)       | 21.000          | C.Y.         |
| 713-01.02       | STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS) | 5,927.000       | LB.          |
| 713-02.04       | DELINEATOR (MILE MARKER) & STEEL POST                 | 74.000          | EACH         |
| 713-02.14       | FLEXIBLE DELINEATOR (WHITE)                           | 796.000         | EACH         |
| 713-02.15       | FLEXIBLE DELINEATOR (YELLOW)                          | 485.000         | EACH         |
| 713-06          | STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT      | 47,809.000      | LB.          |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                  | 5,877.000       | LB.          |
| 713-11.05       | SQUARE TUBE SIGN SUPPORT                              | 2,677.000       | LB.          |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)              | 1,173.000       | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)              | 1,408.000       | S.F.         |
| 713-14          | EXTRUDED ALUMINUM PANEL SIGNS                         | 5,953.000       | S.F.         |
| 713-15          | REMOVAL OF SIGNS, POSTS AND FOOTINGS                  | (1)             | LS           |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                          | 20.000          | EACH         |
| 713-17.02       | INSTALL AUXILIARY SUPPORT FOR EXIT NUMBER PANEL       | 4.000           | EACH         |
| 713-30.09       | BARRIER MOUNTED SIGN SUPPORT (SEE PLANS)              | 47.000          | EACH         |

**Contract ID CNV281 - ROBERTSON**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 713-30.10       | BARRIER MOUNTED SIGN SUPPORT (PERF/KNOCKOUT) (PERF/KNOCKOUT) | 1.000           | EACH         |
| 714-03.01       | DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)                  | 4,740.000       | L.F.         |
| 714-05.04       | PULL BOXES (TYPE C)  | 2.000           | EACH         |
| 714-06.04       | CABLE (1/C # 8 AWG)  | 3,790.000       | L.F.         |
| 714-06.06       | CABLE (1/C # 4 AWG)  | 5,674.000       | L.F.         |
| 714-06.07       | CABLE (1/C # 2 AWG)  | 540.000         | L.F.         |
| 714-06.08       | CABLE (DESCRIPTION) (#8 INSULATED, GROUND)                   | 1,858.000       | L.F.         |
| 714-06.09       | CABLE (DESCRIPTION) (#6 INSULATED, GROUND)                   | 2,837.000       | L.F.         |
| 714-08.09       | LIGHT STANDARDS (DESCRIPTION) (40 MPH)                       | 18.000          | EACH         |
| 714-08.16       | LIGHT STANDARDS (DESCRIPTION) (35' POLE HEIGHT)              | 3.000           | EACH         |
| 714-08.23       | FOUNDATION (ONLY) FOR LIGHT STANDARDS                        | 18.000          | EACH         |
| 714-09.09       | LUMINAIRES (DESCRIPTION) (122W LED)                          | 18.000          | EACH         |
| 714-12          | CONTROL CENTER   | (1)             | LS           |
| 714-25          | ELECTRICAL CONNECTION  | 1.000           | EACH         |
| 716-01.05       | TEMPORARY RAISED PAVEMENT MARKER                             | 5,000.000       | EACH         |
| 716-01.11       | RAISED PVMT MARKERS (BI-DIRECTIONAL) (1 COLOR LENS)          | 169.000         | EACH         |
| 716-01.13       | RAISED PVMT MARKERS (BI-DIRECTIONAL) (2 COLOR LENS)          | 5,301.000       | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)      | 3,978.000       | EACH         |
| 716-01.23       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)       | 3,150.000       | EACH         |
| 716-01.30       | REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER                    | 2,200.000       | EACH         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)            | 130.000         | S.Y.         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                         | 480.000         | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)                   | 12.000          | EACH         |
| 716-02.07       | PLASTIC PAVEMENT MARKING (24" BARRIER LINE)                  | 10,280.000      | L.F.         |
| 716-02.12       | PLASTIC PAVEMENT MARKING (8IN LINE)                          | 2.200           | L.M.         |

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| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 716-04.06       | PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)                                | 4.000           | EACH         |
| 716-04.12       | PLASTIC PAVEMENT MARKING (YIELD LINE)                                     | 300.000         | S.F.         |
| 716-04.14       | PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)                           | 2.000           | EACH         |
| 716-05.02       | PAINTED PAVEMENT MARKING (8" BARRIER LINE)                                | 253,930.000     | L.F.         |
| 716-05.20       | PAINTED PAVEMENT MARKING (6" LINE)  | 39.000          | L.M.         |
| 716-08.01       | REMOVAL OF PAVEMENT MARKING (LINE)  | 180,000.000     | L.F.         |
| 716-09.32       | EXIT ONLY ARROW   | 4.000           | EACH         |
| 716-09.86       | CONTRAST PAVEMENT MARKING 6"  | 4.000           | L.M.         |
| 716-09.90       | CONTRAST PAVEMENT MARKING 6" DOTTED                                       | 32.000          | L.F.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)                            | 53.000          | L.M.         |
| 716-12.05       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)                     | 1,900.000       | L.F.         |
| 716-12.09       | ENHANCED FLAT LINE THERMO (12IN LINE)                                     | 7,584.000       | L.F.         |
| 716-12.10       | ENHANCED FLAT LINE THERMO (12IN DOTTED)                                   | 1,472.000       | L.F.         |
| 716-13.01       | SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)                               | 0.430           | L.M.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |
| 725-20.02       | CCTV POLE & FOUNDATION (80FT POLE W/LWRNG DVICE)                          | 11.000          | EACH         |
| 725-20.03       | LOWERING TOOL FOR CAMERA LOWERING DEVICE                                  | 1.000           | EACH         |
| 725-20.06       | CCTV MAINTENANCE WORKPAD  | 14.000          | EACH         |
| 725-20.23       | STEEL OVERHEAD SIGN STRUCTURE (SPANS 71FT TO 90FT) (SPANS 71 FT TO 90 FT) | 1.000           | EACH         |
| 725-20.43       | PULL BOX (TYPE C)   | 61.000          | EACH         |
| 725-20.44       | PULL BOX (TYPE D)   | 95.000          | EACH         |
| 725-20.45       | PULL BOX (TYPE E)   | 12.000          | EACH         |
| 725-20.55       | CABLE (1/C #6 AWG.)   | 4,690.000       | L.F.         |
| 725-20.56       | CABLE (1/C #4 AWG.)   | 46,670.000      | L.F.         |
| 725-20.71       | ELECTRICAL CONNECTION   | (1)             | LS           |
| 725-20.81       | RADIO & ANTENNA (TYPE A)  | 2.000           | EACH         |
| 725-20.82       | RADIO & ANTENNA (TYPE B)  | 2.000           | EACH         |

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| <b>Item No.</b> | <b>Description</b>                        | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 725-20.91       | CCTV CAMERA SYSTEM (PAN TILT & ZOOM)      | 12.000          | EACH         |
| 725-21.01       | DYNAMIC MESSAGE SIGN                      | 1.000           | EACH         |
| 725-21.07       | PORTABLE SMART WORK ZONE SYSTEM           | 1,460.000       | DAY          |
| 725-21.11       | NETWORK SWITCH (TYPE A)                   | 14.000          | EACH         |
| 725-21.12       | NETWORK SWITCH (TYPE B)                   | 2.000           | EACH         |
| 725-21.18       | DMS COMM CABLE                            | 200.000         | L.F.         |
| 725-21.19       | DMS POWER CABLE                           | 400.000         | L.F.         |
| 725-21.20       | DMS CONDUIT BANK (STRUCTURE MOUNTED)      | 70.000          | L.F.         |
| 725-21.43       | DEMARICATION SITE (OVERHEAD POWER)        | 9.000           | EACH         |
| 725-21.91       | RADAR DETECTION SYSTEM                    | 13.000          | EACH         |
| 725-21.96       | RDS COMM CABLE                            | 625.000         | L.F.         |
| 725-21.97       | SOLAR POWER FOR RDS                       | 1.000           | EACH         |
| 725-22.22       | CONDUIT BANK (TYPE 2)                     | 2,415.000       | L.F.         |
| 725-22.24       | CONDUIT BANK (TYPE 4)                     | 50,350.000      | L.F.         |
| 725-22.32       | CONDUIT BANK BORED (TYPE 2)               | 580.000         | L.F.         |
| 725-22.34       | CONDUIT BANK BORED (TYPE 4)               | 835.000         | L.F.         |
| 725-22.50       | DMS CONDUIT BANK                          | 120.000         | L.F.         |
| 725-22.62       | STRUCTURE CONDUIT BANK (TYPE 2)           | 430.000         | L.F.         |
| 725-22.64       | STRUCTURE CONDUIT BANK (TYPE 4)           | 2,875.000       | L.F.         |
| 725-22.71       | 2IN CONDUIT                               | 3,260.000       | L.F.         |
| 725-22.74       | 2IN CONDUIT W/BANK                        | 9,455.000       | L.F.         |
| 725-22.75       | 2IN CONDUIT BORED W/BANK                  | 280.000         | L.F.         |
| 725-22.76       | 2IN CONDUIT STRUCTURE W/BANK              | 795.000         | L.F.         |
| 725-23.01       | ITS CABLE MARKER                          | 150.000         | EACH         |
| 725-23.16       | FIBER OPTIC CABLE (144F)                  | 64,865.000      | L.F.         |
| 725-23.21       | FIBER OPTIC DROP CABLE (12 F)             | 6,010.000       | L.F.         |
| 725-23.26       | FIBER OPTIC CLOSURE (12 F)                | 14.000          | EACH         |
| 725-23.27       | FIBER OPTIC CLOSURE (DESCRIPTION) (144 F) | 10.000          | EACH         |
| 725-23.28       | FIBER OPTIC SPLICE FUSION                 | 1,756.000       | EACH         |
| 725-23.29       | FIBER OPTIC TERMINATION CABINET           | 1.000           | EACH         |

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| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 725-23.31       | FIBER OPTIC DROP PANEL ( 12 F )                    | 14.000          | EACH         |
| 725-24.01       | CABINET (TYPE A)                                   | 2.000           | EACH         |
| 725-24.02       | CABINET (TYPE B)                                   | 11.000          | EACH         |
| 725-24.03       | CABINET (TYPE C)                                   | 1.000           | EACH         |
| 725-24.11       | ITS COMMUNICATIONS HUB (DESCRIPTION) (FIELD HUB)   | 1.000           | EACH         |
| 725-24.25       | UNSCHEDULED MAINTENANCE LABOR                      | 50.000          | HOURL        |
| 725-24.31       | SPARE PARTS  | (1)             | LS           |
| 725-24.41       | BURN-IN PERIOD                                     | (1)             | LS           |
| 725-24.51       | SYSTEM INTEGRATION                                 | (1)             | LS           |
| 725-24.55       | AS-BUILT PLANS                                     | (1)             | LS           |
| 725-24.61       | TRAINING   | (1)             | LS           |
| 725-24.72       | DEMARICATION TRANSFORMER (240V TO 480V 1PH 7.5KVA) | 9.000           | EACH         |
| 730-03.20       | INSTALL PULL BOX (TYPE A)                          | 4.000           | EACH         |
| 730-12.02       | CONDUIT 2" DIAMETER (PVC)                          | 80.000          | L.F.         |
| 730-14.02       | SAW SLOT   | 1,310.000       | L.F.         |
| 730-14.03       | LOOP WIRE  | 4,200.000       | L.F.         |
| 740-07.04       | GEOGRID REINFORCEMENT TYPE 2                       | 16,788.000      | S.Y.         |
| 740-10.03       | GEOTEXTILE (TYPE III)(EROSION CONTROL)             | 9,823.000       | S.Y.         |
| 740-10.04       | GEOTEXTILE (TYPE IV)(STABILIZATION)                | 917,486.000     | S.Y.         |
| 740-11.02       | TEMPORARY SEDIMENT TUBE 12IN                       | 2,000.000       | L.F.         |
| 740-11.05       | TEMPORARY SEDIMENT TUBE 24IN                       | 63,850.000      | L.F.         |
| 797-11.46       | CONCRETE CAP                                       | 28.000          | C.Y.         |
| 801-01          | SEEDING (WITH MULCH)                               | 3,850.000       | UNIT         |
| 801-01.07       | TEMPORARY SEEDING (WITH MULCH)                     | 11,550.000      | UNIT         |
| 801-01.34       | GRASS SEED MIX (RIPZN/FLPL)                        | 53.000          | UNIT         |
| 801-01.36       | SPECIAL WETLAND SEED MIXTURE                       | 22.000          | UNIT         |
| 801-01.40       | HYDRAULIC EROSION CONTROL PRODUCT (HECP) TYPE 1    | 5,007.000       | UNIT         |
| 801-01.41       | HYDRAULIC EROSION CONTROL PRODUCT (HECP) TYPE 2    | 7,327.000       | UNIT         |

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|-----------------|--|-----------------|--------------|
| 801-01.42       | HYDRAULIC EROSION CONTROL PRODUCT (HECP)<br>TYPE 3                                 | 1,844.000       | UNIT         |
| 801-01.43       | HYDRAULIC EROSION CONTROL PRODUCT (HECP)<br>TYPE 4                                 | 961.000         | UNIT         |
| 801-01.44       | HYDRAULIC EROSION CONTROL PRODUCT (HECP)<br>TYPE 5                                 | 797.000         | UNIT         |
| 801-02          | SEEDING (WITHOUT MULCH)  | 4,384.000       | UNIT         |
| 801-03          | WATER (SEEDING & SODDING)  | 1,594.000       | M.G.         |
| 802-02.30       | CUTTINGS: SALIX NIGRA (18IN-24IN LENGTH)   | 112.000         | EACH         |
| 802-12.01       | ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)  | 53.000          | EACH         |
| 802-12.02       | ACER RUBRUM (RED MAPLE SEEDLNG B.R.)   | 53.000          | EACH         |
| 802-12.18       | LIQUIDAMBER STYRACIFLUA (SWEETGUM<br>SEEDLNG B.R.)                                 | 53.000          | EACH         |
| 802-12.40       | SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)  | 2.000           | EACH         |
| 802-12.44       | ULMUS AMERICANA (AMERICAN ELM SEEDLNG<br>B.R.)                                     | 53.000          | EACH         |
| 802-13.53       | CEPHALANTHUS OCCIDENTALIS (BUTTONBUSH<br>SDLNG BARE ROOT)                          | 48.000          | EACH         |
| 802-13.54       | CORNUS AMOMUM (SILKY DOGWOOD SDLNG BARE<br>ROOT)                                   | 48.000          | EACH         |
| 802-13.59       | LINDERA BENZOIN (SPICEBUSH SDLNG BARE<br>ROOT)                                     | 48.000          | EACH         |
| 803-01          | SODDING (NEW SOD)  | 2,830.000       | S.Y.         |
| 805-12.03       | EROSION CONTROL BLANKET (TYPE III)   | 59,315.000      | S.Y.         |
| 806-02.03       | PROJECT MOWING   | 6.000           | CYCL         |
| 604-02.01       | CLASS A CONCRETE (BOX BRIDGES)   | 159.000         | C.Y.         |
| 604-02.02       | STEEL BAR REINFORCEMENT (BOX BRIDGES)  | 26,672.000      | LB.          |
| 202-04.01       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-I0065-7.56, RL & LL)  | (1)             | LS           |
| 202-04.02       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-SR025-17.04)          | (1)             | LS           |
| 202-04.03       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-I0065-9.37, RL & LL)  | (1)             | LS           |
| 202-04.04       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-I0065-10.32, RL & LL) | (1)             | LS           |

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| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 202-04.05       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-I0065-11.09, RL & LL) | (1)             | LS           |
| 202-04.06       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-I0065-13.00, RL & LL) | (1)             | LS           |
| 202-04.07       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-SR052-6.76)           | (1)             | LS           |
| 202-04.08       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-A156-2.56)            | (1)             | LS           |
| 202-04.09       | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(EX. BR. NO. 74-A151-2.23)            | (1)             | LS           |
| 204-02.01       | DRY EXCAVATION (BRIDGES)   | 6,641.000       | C.Y.         |
| 204-03.01       | WET EXCAVATION (BRIDGES)   | 2,069.000       | C.Y.         |
| 204-04.01       | ROCK EXCAVATION (BRIDGES)  | 2,018.000       | C.Y.         |
| 204-05          | ROCK DRILLING (BRIDGES)  | 312.000         | L.F.         |
| 204-10.01       | FOUNDATION PREPARATION(PR NO. ,STA )<br>(BENT NO.1 - STA. 526+79.51 )              | (1)             | LS           |
| 204-10.02       | FOUNDATION PREPARATION(PR NO. ,STA )<br>(BENT NO.2 - STA. 527+54.76 )              | (1)             | LS           |
| 204-10.03       | FOUNDATION PREPARATION(PR NO. ,STA )<br>(BENT NO.1 - STA. 718+57.35 (LL)           | (1)             | LS           |
| 204-10.04       | FOUNDATION PREPARATION(PR NO. ,STA )<br>(BENT NO.1 - STA. 718+73.53 (RL)           | (1)             | LS           |
| 204-10.05       | FOUNDATION PREPARATION(PR NO. ,STA )<br>(BENT NO.2 - STA. 719+47.35 (LL)           | (1)             | LS           |
| 204-10.06       | FOUNDATION PREPARATION(PR NO. ,STA )<br>(BENT NO.2 - STA. 719+63.53 (RL)           | (1)             | LS           |
| 303-01.02       | GRANULAR BACKFILL (BRIDGES)  | 1,539.000       | TON          |
| 602-04.01       | STEEL STRUCTURES (LOCATION & DESCRIPTION)<br>(BRIDGE NO. 7)                        | (1)             | LS           |
| 602-04.02       | STEEL STRUCTURES (LOCATION & DESCRIPTION)<br>(BRIDGE NO. 8)                        | (1)             | LS           |
| 602-10.05       | BRACING REPAIRS  | (1)             | LS           |
| 604-02.03       | EPOXY COATED REINFORCING STEEL   | 1,076,388.000   | LB.          |
| 604-03.01       | CLASS A CONCRETE (BRIDGES)   | 1,862.030       | C.Y.         |
| 604-03.02       | STEEL BAR REINFORCEMENT (BRIDGES)  | 465,071.000     | LB.          |
| 604-03.04       | PAVEMENT @ BRIDGE ENDS   | 4,258.000       | S.Y.         |

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| <b>Item No.</b> | <b>Description</b>                         | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 604-03.09       | CLASS D CONCRETE (BRIDGE DECK)             | 1,183.000       | C.Y.         |
| 604-03.32       | CLASS DS CONCRETE                          | 2,491.000       | C.Y.         |
| 604-03.74       | CLASS X CONCRETE                           | 984.000         | C.Y.         |
| 604-04.01       | APPLIED TEXTURE FINISH (NEW STRUCTURES)    | 17,233.000      | S.Y.         |
| 604-04.41       | THREE STAR STATE EMBLEM                    | 6.000           | EACH         |
| 604-05.31       | BRIDGE DECK GROOVING (MECHANICAL)          | 17,099.733      | S.Y.         |
| 604-07.01       | RETAINING WALL (DESCRIPTION) (WALL NO.1)   | 3,340.000       | S.F.         |
| 604-07.02       | RETAINING WALL (DESCRIPTION) (WALL NO. 2)  | 2,860.000       | S.F.         |
| 604-07.03       | RETAINING WALL (DESCRIPTION) (WALL NO. 3)  | 2,956.000       | S.F.         |
| 604-07.04       | RETAINING WALL (DESCRIPTION) (WALL NO. 4)  | 3,039.000       | S.F.         |
| 604-07.05       | RETAINING WALL (DESCRIPTION) (WALL NO. 5)  | 3,196.000       | S.F.         |
| 604-07.06       | RETAINING WALL (DESCRIPTION) (WALL NO. 6)  | 3,306.000       | S.F.         |
| 604-07.07       | RETAINING WALL (DESCRIPTION) (WALL NO. 7)  | 2,652.000       | S.F.         |
| 604-07.08       | RETAINING WALL (DESCRIPTION) (WALL NO. 8)  | 2,954.000       | S.F.         |
| 604-07.09       | RETAINING WALL (DESCRIPTION) (WALL NO. 9)  | 2,144.000       | S.F.         |
| 604-07.10       | RETAINING WALL (DESCRIPTION) (WALL NO. 10) | 2,073.000       | S.F.         |
| 604-07.11       | RETAINING WALL (DESCRIPTION) (WALL NO. 11) | 366.000         | S.F.         |
| 604-07.12       | RETAINING WALL (DESCRIPTION) (WALL NO. 12) | 2,438.000       | S.F.         |
| 604-07.13       | RETAINING WALL (DESCRIPTION) (WALL NO. 13) | 2,334.000       | S.F.         |
| 604-07.14       | RETAINING WALL (DESCRIPTION) (WALL NO. 14) | 3,065.000       | S.F.         |
| 604-07.15       | RETAINING WALL (DESCRIPTION) (WALL NO. 15) | 4,264.000       | S.F.         |
| 604-07.16       | RETAINING WALL (DESCRIPTION) (WALL NO. 16) | 725.000         | S.F.         |
| 604-07.17       | RETAINING WALL (DESCRIPTION) (WALL NO. 17) | 3,487.000       | S.F.         |
| 606-02.03       | STEEL PILES (10 INCH)                      | 14,788.120      | L.F.         |
| 606-02.06       | PILE TIPS (STEEL PILES, 10 INCH)           | 432.000         | EACH         |
| 615-01.02       | PRESTRESSED CONCRETE I-BEAM (TYPE II)      | 2,866.000       | L.F.         |
| 615-01.03       | PRESTRESSED CONCRETE I-BEAM (TYPE III)     | 3,044.000       | L.F.         |
| 615-02.10       | PRESTRESSED CONCRETE BOX BEAM (27" X 48")  | 680.000         | L.F.         |
| 615-02.11       | PRESTRESSED CONCRETE BOX BEAM (33" X 48")  | 732.000         | L.F.         |
| 615-02.17       | PRESTRESSED CONCRETE BOX BEAM (36" X 36")  | 679.000         | L.F.         |



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| <b>Item No.</b> | <b>Description</b>                                  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 615-02.18       | PRESTRESSED CONCRETE BOX BEAM (36" X 48")           | 2,870.000       | L.F.         |
| 615-02.20       | PRESTRESSED CONCRETE BOX BEAM (45" X 36")           | 797.000         | L.F.         |
| 615-02.21       | PRESTRESSED CONCRETE BOX BEAM (39" X 36")           | 994.000         | L.F.         |
| 617-02          | BRIDGE DECK CRACK SEALING                           | 2,595.000       | L.F.         |
| 617-05          | SEALANT (DESCRIPTION) (HMWM)                        | 20.000          | GAL.         |
| 620-05.01       | CONC PARAPET SINGLE SLOPE (STD-1-1SS)               | 4,516.000       | L.F.         |
| 621-05.02       | TEMPORARY SHORING                                   | (1)             | LS           |
| 621-05.03       | TEMPORARY SHORING                                   | (1)             | LS           |
| 710-09.01       | 6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM       | 2,462.000       | L.F.         |
| 710-09.02       | 6" PIPE UNDERDRAIN                                  | 520.000         | L.F.         |
| 711-05.74       | CONC MEDIAN BARR SING SLOPE (STD-1-3SS)             | 362.000         | L.F.         |
| 712-02.47       | BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL | 4,577.000       | L.F.         |
| 790-03.03       | POLE 40FT CLASS 4 WOOD                              | 1.000           | EACH         |
| 790-04.03       | POLE 45FT CLASS 3 WOOD                              | 1.000           | EACH         |
| 790-04.06       | POLE 45FT CLASS 1 METAL                             | 1.000           | EACH         |
| 790-05.05       | POLE 50FT CLASS 1 METAL                             | 5.000           | EACH         |
| 790-22.13       | 1PH DEAD END 25KV                                   | 1.000           | EACH         |
| 790-22.15       | 1PH DEAD END TAP W/ EXTENSION 25KV                  | 3.000           | EACH         |
| 790-24.10       | 2PH DDE XARM 25KV                                   | 1.000           | EACH         |
| 790-26.12       | 3PH CROSSARM DBL SM ANGLE 25KV                      | 2.000           | EACH         |
| 790-26.25       | 3PH CROSSARM DDE 25KV                               | 3.000           | EACH         |
| 790-26.32       | 3PH CROSSARM 10FT FBRGLS X-ARM DDE 25KV             | 4.000           | EACH         |
| 790-30.03       | SECONDARY ASSEMBLIES DEADEND                        | 16.000          | EACH         |
| 790-30.04       | SECONDARY ASSEMBLIES MISC                           | 2.000           | EACH         |
| 790-31.02       | SERVICE ASSEMBLY-POLE TYPE                          | 7.000           | EACH         |
| 790-31.04       | SERVICE CONDUCTOR 6 AL DUPLEX                       | 751.000         | L.F.         |
| 790-32.02       | DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY             | 21.000          | EACH         |
| 790-32.08       | OH GUY - THROUGH BOLT TYPE HEAVY DUTY               | 2.000           | EACH         |
| 790-32.23       | GUY GUARD   | 15.000          | EACH         |

**Contract ID CNV281 - ROBERTSON**

| <b>Item No.</b> | <b>Description</b>                                 | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 790-33.31       | SCREW TYPE ANCHOR 23,000LB (F1-5D-P)               | 21.000          | EACH         |
| 790-36.13       | TRANSFER STREET LIGHT                              | 3.000           | EACH         |
| 790-36.14       | TRANSFER CONDUCTOR                                 | 11.000          | EACH         |
| 790-40.02       | OH COND 2 7/1 ACSR SPARATE                         | 786.000         | L.F.         |
| 790-40.03       | OH COND 1/0 6/1 ACSR RAVEN                         | 408.000         | L.F.         |
| 790-40.05       | OH COND 3/0 6/1 ACSR PIGEON                        | 2,158.000       | L.F.         |
| 790-40.09       | OH COND 336.4 18/1 ACSR MERLIN                     | 2,802.000       | L.F.         |
| 790-46.02       | 1PH TRANSFORMER CONV W/POLE MTD FUSE & LA          | 2.000           | EACH         |
| 790-60.01       | 1PH FUSE CUTOFF XARM MOUNT 15KV                    | 7.000           | EACH         |
| 790-65.06       | LIGHTNING ARRESTER POLE MTD 18 KV                  | 6.000           | EACH         |
| 790-68.10       | MISCELLANEOUS ASSEMBLIES                           | 6.000           | EACH         |
| 790-68.13       | SGL PHASE MOUNTING BRACKET - FIBERGLASS            | 1.000           | EACH         |
| 790-69.09       | GND-ASSY GND ROD WITH ALUMINUM                     | 2.000           | EACH         |
| 790-69.11       | GROUND-GROUND ROD FOR ST POLE                      | 5.000           | EACH         |
| 790-69.32       | ARM PIN  | 28.000          | EACH         |
| 790-69.41       | EXTENSION LINK - EPOXY -8FT                        | 12.000          | EACH         |
| 790-70.11       | STREET LIGHT - HPS (DESCRIPTION) (250 W, 2 FT ARM) | 3.000           | EACH         |
| 790-98.01       | REMOVE WIRE  | 6,500.000       | L.F.         |
| 790-98.02       | REMOVE POLES                                       | 8.000           | EACH         |
| 790-98.03       | REMOVE FRAMING/ASSOCIATED APPARATUS                | 103.000         | EACH         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV275 - SCOTT**

**Contract ID:** CNV275

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 76001-4290-04

NA

**Counties:** SCOTT

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on U.S. 27 (S.R. 29) over Roaring Paunch Creek (L.M. 25.79).

**Contract Time:** DT - 6/30/2022

| Item No.  | Description  | Quantity | Units |
|-----------|--|----------|-------|
| 105-01    | CONSTRUCTION STAKES, LINES AND GRADES                      | (1)      | LS    |
| 201-07.01 | REMOVAL AND DISPOSAL OF BRUSH & TREES                      | (1)      | LS    |
| 204-02.01 | DRY EXCAVATION (BRIDGES)                                   | 595.000  | C.Y.  |
| 208-01.05 | BROOMING & DEGRASSING SHOULDERS                            | 0.500    | L.M.  |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)                        | 500.000  | L.F.  |
| 209-08.07 | ROCK CHECK DAM   | 2.000    | EACH  |
| 303-10.01 | MINERAL AGGREGATE (SIZE 57)                                | 762.000  | TON   |
| 307-01.01 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING A      | 56.700   | TON   |
| 307-01.08 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM)<br>GRADING B-M2   | 75.000   | TON   |
| 402-01    | BITUMINOUS MATERIAL FOR PRIME COAT (PC)                    | 2.300    | TON   |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)                     | 1.000    | TON   |
| 411-01.10 | ACS MIX(PG64-22) GRADING D                                 | 149.000  | TON   |
| 411-12.04 | SCORING FOR RUMBLE STRIPE (NON-<br>CONTINUOUS) (4IN WIDTH) | 0.400    | L.M.  |
| 415-01.01 | COLD PLANING BITUMINOUS PAVEMENT                           | 100.000  | TON   |
| 604-02.03 | EPOXY COATED REINFORCING STEEL                             | 322.000  | LB.   |
| 604-03.01 | CLASS A CONCRETE (BRIDGES)                                 | 12.000   | C.Y.  |
| 604-03.04 | PAVEMENT @ BRIDGE ENDS                                     | 172.000  | S.Y.  |
| 604-04.02 | APPLIED TEXTURE FINISH (EXISTING<br>STRUCTURES)            | 161.000  | S.Y.  |
| 604-10.05 | CONCRETE   | 48.000   | S.F.  |

**Contract ID CNV275 - SCOTT**

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 604-10.18       | REINFORCING STEEL (REPAIRS)                             | 1,736.000       | LB.          |
| 604-10.34       | CONCRETE OVERLAYED BRIDGE DECK REPAIR (FULL DEPTH)      | 82.000          | S.Y.         |
| 604-10.54       | CONCRETE REPAIRS  | 26.000          | S.F.         |
| 604-10.56       | CONCRETE OVERLAYED BRIDGE DECK REPAIR (PARTIAL DEPTH)   | 52.000          | S.Y.         |
| 604-10.58       | EPOXY INJECTION (INJECTION)                             | 3.000           | GAL.         |
| 604-10.62       | EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)          | 52.000          | L.F.         |
| 604-10.90       | MISCELLANEOUS BRIDGE ITEMS                              | (1)             | LS           |
| 617-04.01       | TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)              | 781.000         | S.Y.         |
| 621-05.02       | TEMPORARY SHORING                                       | (1)             | LS           |
| 709-05.06       | MACHINED RIP-RAP (CLASS A-1)                            | 110.000         | TON          |
| 710-09.02       | 6" PIPE UNDERDRAIN                                      | 100.000         | L.F.         |
| 710-10.02       | 6" PERFORATED PLASTIC PIPE                              | 120.000         | L.F.         |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-02.10       | PORTABLE BARRIER RAIL (MASH TL-3)                       | 400.000         | L.F.         |
| 712-02.12       | PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)   | 600.000         | L.F.         |
| 712-02.60       | TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)           | 4.000           | EACH         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                           | 40.000          | EACH         |
| 712-04.50       | BARRIER RAIL DELINEATOR                                 | 30.000          | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                    | 460.000         | S.F.         |
| 712-09.01       | REMOVABLE PAVEMENT MARKING LINE                         | 5,490.000       | L.F.         |
| 712-09.04       | REMOVABLE PAVEMENT MARKING (STOP LINE)                  | 24.000          | L.F.         |
| 713-02.26       | CONCRETE BARRIER/PARAPET DELINEATOR                     | 26.000          | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 10.000          | EACH         |
| 716-01.30       | REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER               | 10.000          | EACH         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)          | 0.350           | L.M.         |

**Contract ID CNV275 - SCOTT**

| <b>Item No.</b> | <b>Description</b>                  | <b>Quantity</b> | <b>Units</b> |
|-----------------|-------------------------------------|-----------------|--------------|
| 717-01          | MOBILIZATION                        | (1)             | LS           |
| 730-40.02       | TEMPORARY TRAFFIC SIGNAL SYSTEM     | (1)             | LS           |
| 740-07.04       | GEOGRID REINFORCEMENT TYPE 2        | 1,134.000       | S.Y.         |
| 740-10.04       | GEOTEXTILE (TYPE IV)(STABILIZATION) | 373.000         | S.Y.         |

**( ) Item will be bid as lump sum.**

Contract ID CNV259 - SHELBY

Contract ID: CNV259

Letting Date: August 20, 2021 10:00 AM

Projects: 79052-3227-94

HSIP-177(34)

Counties: SHELBY

District:

DBE Goal Percent: 4.50

Description: The miscellaneous safety improvements including resurfacing and signals on S.R. 177 at the I-40 interchange in Memphis (L.M. 9.92 - L.M. 10.45).

Contract Time: CD - 90

| Item No.  | Description                               | Quantity  | Units |
|-----------|---|-----------|-------|
| 105-01    | CONSTRUCTION STAKES, LINES AND GRADES     | (1)       | LS    |
| 201-01    | CLEARING AND GRUBBING                     | (1)       | LS    |
| 202-03    | REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC. | 13.000    | S.Y.  |
| 202-08.10 | REMOVAL OF CURB (DESCRIPTION) (CONCRETE)  | 21.000    | L.F.  |
| 203-01    | ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED) | 23.000    | C.Y.  |
| 203-06    | WATER                                     | 1.000     | M.G.  |
| 208-01.05 | BROOMING & DEGRASSING SHOULDERS           | 0.088     | L.M.  |
| 209-05    | SEDIMENT REMOVAL                          | 2.000     | C.Y.  |
| 209-08.03 | TEMPORARY SILT FENCE (WITHOUT BACKING)    | 435.000   | L.F.  |
| 403-01    | BITUMINOUS MATERIAL FOR TACK COAT (TC)    | 4.000     | TON   |
| 411-01.07 | ACS MIX (PG64-22) GRADING E SHOULDER      | 75.000    | TON   |
| 411-02.10 | ACS MIX(PG70-22) GRADING D                | 672.000   | TON   |
| 415-01.01 | COLD PLANING BITUMINOUS PAVEMENT          | 723.000   | TON   |
| 701-01.01 | CONCRETE SIDEWALK (4 ")                   | 1,531.000 | S.F.  |
| 701-02.01 | CONCRETE CURB RAMP (RETROFIT)             | 456.000   | S.F.  |
| 701-02.03 | CONCRETE CURB RAMP                        | 506.000   | S.F.  |
| 702-03    | CONCRETE COMBINED CURB & GUTTER           | 18.000    | C.Y.  |
| 707-08.11 | HIGH-VISIBILITY CONSTRUCTION FENCE        | 50.000    | L.F.  |
| 708-02.01 | MARKERS (CONCRETE R.O.W. POSTS)           | 4.000     | EACH  |
| 712-01    | TRAFFIC CONTROL                           | (1)       | LS    |

**Contract ID CNV259 - SHELBY**

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                           | 130.000         | EACH         |
| 712-05.01       | WARNING LIGHTS (TYPE A)                                 | 81.000          | EACH         |
| 712-05.03       | WARNING LIGHTS (TYPE C)                                 | 48.000          | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                    | 562.000         | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                         | 30.000          | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                                    | 5.000           | EACH         |
| 713-02.21       | SIGN POST DELINEATION ENHANCEMENT                       | 154.000         | L.F.         |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                    | 532.000         | LB.          |
| 713-11.21       | P POST SLIP BASE  | 10.000          | EACH         |
| 713-11.22       | U POST SLIP BASE  | 5.000           | EACH         |
| 713-13.02       | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)                | 311.000         | S.F.         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)                | 118.000         | S.F.         |
| 713-14.21       | STREET NAME SIGN (RIGID 0.100IN THICK                   | 144.000         | S.F.         |
| 713-15.07       | SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)       | 8.000           | EACH         |
| 713-15.36       | REMOVE SIGN, SUPPORT & FOOTING                          | 2.000           | EACH         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                            | 3.000           | EACH         |
| 713-16.20       | SIGNS (DESCRIPTION) (R1-2)                              | 1.000           | EACH         |
| 713-16.21       | SIGNS (DESCRIPTION) (R3-5R)                             | 2.000           | EACH         |
| 713-16.22       | SIGNS (DESCRIPTION) (R4-7, OM1-1)                       | 2.000           | EACH         |
| 713-16.23       | SIGNS (DESCRIPTION) (R4-7C, OM1-1)                      | 3.000           | EACH         |
| 713-16.24       | SIGNS (DESCRIPTION) (W3-1)                              | 1.000           | EACH         |
| 713-16.25       | SIGNS (DESCRIPTION) (W3-2)                              | 1.000           | EACH         |
| 713-16.26       | SIGNS (DESCRIPTION) (W4-3R)                             | 2.000           | EACH         |
| 713-16.27       | SIGNS (DESCRIPTION) (M3-2, M1-1, M6-3)                  | 1.000           | EACH         |
| 713-16.28       | SIGNS (DESCRIPTION) (M3-2, M1-1, M5-2R)                 | 1.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 16.000          | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR) | 278.000         | EACH         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)       | 30.000          | S.Y.         |

**Contract ID CNV259 - SHELBY**

| <b>Item No.</b> | <b>Description</b>                                     | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                   | 668.000         | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)             | 27.000          | EACH         |
| 716-02.08       | PLASTIC PAVEMENT MARKING (8" DOTTED LINE)              | 443.000         | L.F.         |
| 716-02.09       | PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)     | 1,027.000       | L.F.         |
| 716-03.01       | PLASTIC WORD PAVEMENT MARKING (ONLY)                   | 7.000           | EACH         |
| 716-04.01       | PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)         | 2.000           | EACH         |
| 716-04.05       | PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)              | 1.000           | EACH         |
| 716-04.12       | PLASTIC PAVEMENT MARKING (YIELD LINE)                  | 21.000          | S.F.         |
| 716-05.02       | PAINTED PAVEMENT MARKING (8" BARRIER LINE)             | 579.000         | L.F.         |
| 716-05.20       | PAINTED PAVEMENT MARKING (6" LINE)                     | 3.740           | L.M.         |
| 716-08.01       | REMOVAL OF PAVEMENT MARKING (LINE)                     | 16,043.000      | L.F.         |
| 716-08.02       | REMOVAL OF PAVEMENT MARKING (8" BARRIER LINE)          | 784.000         | L.F.         |
| 716-08.03       | REMOVAL OF PAVEMENT MARKING (CROSS-WALK)               | 514.000         | L.F.         |
| 716-08.04       | REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)  | 29.000          | S.Y.         |
| 716-08.05       | REMOVAL OF PAVEMENT MARKING (STOP LINE)                | 891.000         | L.F.         |
| 716-08.06       | REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)          | 20.000          | EACH         |
| 716-08.07       | REMOVAL OF PAVEMENT MARKING (STRAIGHT-TURN ARROW)      | 2.000           | EACH         |
| 716-08.11       | REMOVAL OF WORD PAVEMENT MARKING (DESCRIPTION) (ONLY)  | 10.000          | EACH         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)         | 3.740           | L.M.         |
| 716-12.03       | ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE) | 232.000         | L.F.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 730-01.02       | REMOVAL OF SIGNAL EQUIPMENT                            | 1.000           | EACH         |
| 730-02.08       | SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED)                | 1.000           | EACH         |
| 730-02.09       | SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)              | 7.000           | EACH         |



**Contract ID CNV259 - SHELBY**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 730-02.17       | SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)                  | 2.000           | EACH         |
| 730-02.30       | SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130-A3 WITH BACKPLATE)     | 6.000           | EACH         |
| 730-02.31       | SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130-A3 POLE MOUNTED)       | 4.000           | EACH         |
| 730-02.32       | SIGNAL HEAD ASSEMBLY (DESCRIPTION) (140-A1 WITH BACKPLATE)     | 2.000           | EACH         |
| 730-03.21       | INSTALL PULL BOX (TYPE B)                                      | 6.000           | EACH         |
| 730-03.24       | INSTALL PULL BOX (FIBER OPTIC-TYPE B)                          | 1.000           | EACH         |
| 730-05.01       | ELECTRICAL SERVICE CONNECTION                                  | 1.000           | EACH         |
| 730-08.02       | SIGNAL CABLE - 5 CONDUCTOR                                     | 2,730.000       | L.F.         |
| 730-08.03       | SIGNAL CABLE - 7 CONDUCTOR                                     | 2,690.000       | L.F.         |
| 730-08.04       | SIGNAL CABLE - 9 CONDUCTOR                                     | 900.000         | L.F.         |
| 730-12.02       | CONDUIT 2" DIAMETER (PVC)                                      | 132.000         | L.F.         |
| 730-12.03       | CONDUIT 3" DIAMETER (PVC)                                      | 294.000         | L.F.         |
| 730-12.14       | CONDUIT 3" DIAMETER (JACK AND BORE)                            | 815.000         | L.F.         |
| 730-13.08       | VEHICLE DETECTOR (DESCRIPTION) (VIDEO/RADAR DETECTION)         | 2.000           | EACH         |
| 730-13.09       | VEHICLE DETECTOR (DESCRIPTION) (VIDEO WITHOUT RADAR DETECTION) | 2.000           | EACH         |
| 730-13.10       | VEHICLE DETECTOR (DESCRIPTION) (EMERGENCY VEHICLE DETECTOR)    | 4.000           | EACH         |
| 730-15.32       | CABINET (EIGHT PHASE BASE MOUNTED)                             | 1.000           | EACH         |
| 730-16.04       | CONTROLLER (ATC)   | 1.000           | EACH         |
| 730-23.02       | STEEL STRAIN POLE (DESCRIPTION) (35' CCTV POLE)                | 1.000           | EACH         |
| 730-23.30       | PEDESTAL POLE (DESCRIPTION) (10 FT. PEDESTRIAN)                | 3.000           | EACH         |
| 730-25.01       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 50')                        | 1.000           | EACH         |
| 730-25.15       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 75')                        | 1.000           | EACH         |
| 730-25.16       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 80')                        | 1.000           | EACH         |
| 730-25.18       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 90')                        | 1.000           | EACH         |

**Contract ID CNV259 - SHELBY**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 730-26.11       | COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH<br>BUTTON & 15IN SIGN | 10.000          | EACH         |
| 730-35.06       | BATTERY BACK-UP AND POWER CONDITIONER                        | 1.000           | EACH         |
| 740-11.04       | TEMPORARY SEDIMENT TUBE 20IN                                 | 100.000         | L.F.         |
| 801-03          | WATER (SEEDING & SODDING)                                    | 1.000           | M.G.         |
| 803-01          | SODDING (NEW SOD)  | 104.000         | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV260 - SHELBY**

**Contract ID:** CNV260

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 79961-3529-94

HSIP-2875(4)

**Counties:** SHELBY

**District:**

**DBE Goal Percent:** 5.00

**Description:** The miscellaneous safety improvements and installation of signals on Sycamore View Road from near Shelby Oaks Drive to U.S. 70 (S.R. 1, Summer Avenue) in Memphis.

**Contract Time:** CD - 60

| Item No.  | Description                               | Quantity | Units |
|-----------|---|----------|-------|
| 202-03    | REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC. | 45.000   | S.Y.  |
| 209-05    | SEDIMENT REMOVAL                          | 1.000    | C.Y.  |
| 209-09.43 | CURB INLET PROTECTION (TYPE 4)            | 4.000    | EACH  |
| 407-20.05 | SAW CUTTING ASPHALT PAVEMENT              | 235.000  | L.F.  |
| 604-04.20 | PAINTING CONCRETE SURFACES                | 185.000  | S.F.  |
| 701-01.01 | CONCRETE SIDEWALK (4 ")                   | 400.000  | S.F.  |
| 701-02.01 | CONCRETE CURB RAMP (RETROFIT)             | 700.000  | S.F.  |
| 705-02.02 | SINGLE GUARDRAIL (TYPE 2)                 | 10.000   | L.F.  |
| 705-04.09 | EARTH PAD FOR TYPE 38 GR END TREATMENT    | 1.000    | EACH  |
| 705-04.21 | GUARDRAIL DELINEATION ENHANCEMENT         | 120.000  | L.F.  |
| 705-06.20 | TANGENT ENERGY ABSORBING TERM MASH TL-3   | 1.000    | EACH  |
| 706-01    | GUARDRAIL REMOVED                         | 60.000   | L.F.  |
| 712-01    | TRAFFIC CONTROL                           | (1)      | LS    |
| 712-04.01 | FLEXIBLE DRUMS (CHANNELIZING)             | 25.000   | EACH  |
| 712-06    | SIGNS (CONSTRUCTION)                      | 395.000  | S.F.  |
| 712-07.03 | TEMPORARY BARRICADES (TYPE III)           | 72.000   | L.F.  |
| 713-02.21 | SIGN POST DELINEATION ENHANCEMENT         | 35.000   | L.F.  |
| 713-11.02 | PERFORATED/KNOCKOUT SQUARE TUBE POST      | 158.000  | LB.   |
| 713-13.02 | FLAT SHEET ALUMINUM SIGNS (0.080" THICK)  | 167.000  | S.F.  |
| 713-14.21 | STREET NAME SIGN (RIGID 0.100IN THICK)    | 48.000   | S.F.  |

**Contract ID CNV260 - SHELBY**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 713-15          | REMOVAL OF SIGNS, POSTS AND FOOTINGS                       | (1)             | LS           |
| 713-15.07       | SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)          | 8.000           | EACH         |
| 713-16.50       | REMOVE AND REPLACE SIGN (DESCRIPTION) (VARIOUS)            | 29.000          | EACH         |
| 716-01.11       | RAISED PVMT MARKERS (BI-DIRECTIONAL) (1 COLOR LENS)        | 22.000          | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)    | 95.000          | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)    | 165.000         | EACH         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                       | 180.000         | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)                 | 13.000          | EACH         |
| 716-02.09       | PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)         | 352.000         | L.F.         |
| 716-03.01       | PLASTIC WORD PAVEMENT MARKING (ONLY)                       | 7.000           | EACH         |
| 716-04.12       | PLASTIC PAVEMENT MARKING (YIELD LINE)                      | 13.000          | S.F.         |
| 716-04.15       | PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED          | 4.000           | EACH         |
| 716-12.01       | ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)             | 3.600           | L.M.         |
| 716-12.03       | ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)     | 1,900.000       | L.F.         |
| 716-12.09       | ENHANCED FLAT LINE THERMO (12IN LINE)                      | 250.000         | L.F.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 730-01.02       | REMOVAL OF SIGNAL EQUIPMENT                                | 1.000           | EACH         |
| 730-01.04       | MODIFICATION OF EXISTING TRAFFIC SIGNAL EQUIPMENT          | (1)             | LS           |
| 730-02.09       | SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)                  | 8.000           | EACH         |
| 730-02.17       | SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)              | 2.000           | EACH         |
| 730-02.18       | SIGNAL HEAD ASSEMBLY (150 A2V)                             | 2.000           | EACH         |
| 730-02.30       | SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A2 WITH BACKPLATE) | 2.000           | EACH         |
| 730-02.31       | SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A2)                | 2.000           | EACH         |

**Contract ID CNV260 - SHELBY**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 730-03.21       | INSTALL PULL BOX (TYPE B)  | 4.000           | EACH         |
| 730-03.24       | INSTALL PULL BOX (FIBER OPTIC-TYPE B)                              | 1.000           | EACH         |
| 730-05.01       | ELECTRICAL SERVICE CONNECTION                                      | 1.000           | EACH         |
| 730-08.02       | SIGNAL CABLE - 5 CONDUCTOR   | 565.000         | L.F.         |
| 730-08.03       | SIGNAL CABLE - 7 CONDUCTOR   | 1,865.000       | L.F.         |
| 730-08.04       | SIGNAL CABLE - 9 CONDUCTOR   | 780.000         | L.F.         |
| 730-12.03       | CONDUIT 3" DIAMETER (PVC)  | 220.000         | L.F.         |
| 730-12.14       | CONDUIT 3" DIAMETER (JACK AND BORE)                                | 575.000         | L.F.         |
| 730-13.08       | VEHICLE DETECTOR (DESCRIPTION)<br>(VIDEO/RADAR)                    | 2.000           | EACH         |
| 730-13.09       | VEHICLE DETECTOR (DESCRIPTION) (VIDEO)                             | 2.000           | EACH         |
| 730-13.10       | VEHICLE DETECTOR (DESCRIPTION) (OPTICALLY<br>ACTIVATED PREEMPTION) | 4.000           | EACH         |
| 730-15.32       | CABINET (EIGHT PHASE BASE MOUNTED)                                 | 1.000           | EACH         |
| 730-16.04       | CONTROLLER (ATC)   | 1.000           | EACH         |
| 730-23.30       | PEDESTAL POLE (DESCRIPTION) (10' TYPE A<br>PEDESTRIAN)             | 3.000           | EACH         |
| 730-23.31       | PEDESTAL POLE (DESCRIPTION) (PUSHBUTTON<br>POST)                   | 1.000           | EACH         |
| 730-25.11       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 60')                            | 1.000           | EACH         |
| 730-25.13       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 65')                            | 1.000           | EACH         |
| 730-25.14       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 70')                            | 1.000           | EACH         |
| 730-25.17       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 85')                            | 1.000           | EACH         |
| 730-26.11       | COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH<br>BUTTON & 15IN SIGN       | 8.000           | EACH         |
| 730-35.06       | BATTERY BACK-UP AND POWER CONDITIONER                              | 1.000           | EACH         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV266 - SHELBY**

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**Contract ID:** CNV266

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 79007-4181-04

NA

**Counties:** SHELBY

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on I-40 over the Wolf River (L.M. 9.42).

**Contract Time:** DT - 12/15/2021

| <b>Item No.</b> | <b>Description</b>                           | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 209-08.02       | TEMPORARY SILT FENCE (WITH BACKING)          | 700.000         | L.F.         |
| 403-01          | BITUMINOUS MATERIAL FOR TACK COAT (TC)       | 1.000           | TON          |
| 411-01.10       | ACS MIX(PG64-22) GRADING D                   | 2.000           | TON          |
| 415-01.02       | COLD PLANING BITUMINOUS PAVEMENT             | 30.000          | S.Y.         |
| 602-10.32       | STRUCTURAL STEEL (REPAIRS)                   | 180.000         | LB.          |
| 604-04.02       | APPLIED TEXTURE FINISH (EXISTING STRUCTURES) | 665.000         | S.Y.         |
| 604-10.05       | CONCRETE                                     | 10.000          | S.F.         |
| 604-10.18       | REINFORCING STEEL (REPAIRS)                  | 1,250.000       | LB.          |
| 604-10.42       | CONCRETE REPAIRS                             | 300.000         | C.F.         |
| 604-10.46       | EXPANSION JOINT REPAIRS (TYPE G)             | 125.000         | L.F.         |
| 604-10.54       | CONCRETE REPAIRS                             | 2.000           | S.F.         |
| 604-10.90       | MISCELLANEOUS BRIDGE ITEMS                   | (1)             | LS           |
| 705-04.50       | PORTABLE BARRIER RAIL DELINEATOR             | 184.000         | EACH         |
| 705-06.01       | W BEAM GR (TYPE 2) MASH TL-3                 | 76.000          | L.F.         |
| 705-08.51       | PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3     | 2.000           | EACH         |
| 706-10.80       | MICHIGAN AND MODIFIED MICHIGAN END SHOE      | 1.000           | EACH         |
| 707-08.11       | HIGH-VISIBILITY CONSTRUCTION FENCE           | 300.000         | L.F.         |
| 709-05.08       | MACHINED RIP-RAP (CLASS B)                   | 175.000         | TON          |
| 712-01          | TRAFFIC CONTROL                              | (1)             | LS           |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL         | 2,430.000       | L.F.         |

**Contract ID CNV266 - SHELBY**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                              | 115.000         | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                       | 784.000         | S.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                            | 160.000         | L.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                                       | 3.000           | EACH         |
| 712-09.01       | REMOVABLE PAVEMENT MARKING LINE                            | 4,890.000       | L.F.         |
| 713-02.14       | FLEXIBLE DELINEATOR (WHITE)                                | 132.000         | EACH         |
| 713-16.01       | CHANGEABLE MESSAGE SIGN UNIT                               | 8.000           | EACH         |
| 716-01.22       | SNOWPLOWABLE RAISED PAVMENT MARKERS<br>(MONO-DIR)(1 COLOR) | 89.000          | EACH         |
| 716-12.01       | ENHANCED FLATLINE THERMO PVMT MRKNG (4IN<br>LINE)          | 0.100           | L.M.         |
| 716-13.01       | SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)                | 0.100           | L.M.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 801-03          | WATER (SEEDING & SODDING)                                  | 12.000          | M.G.         |
| 803-01          | SODDING (NEW SOD)  | 1,200.000       | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV283 - SHELBY**

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**Contract ID:** CNV283

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 79026-4224-04

NA

**Counties:** SHELBY

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 23 over the CSX and CNIC Railroad (L.M. 2.61).

**Contract Time:** DT - 2/15/2022

| <b>Item No.</b> | <b>Description</b>  | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 209-08.02       | TEMPORARY SILT FENCE (WITH BACKING)                               | 50.000          | L.F.         |
| 602-10.06       | STRUCTURAL STEEL  | 13,110.000      | LB.          |
| 602-10.60       | BEARING DEVICE (DESCRIPTION) (DESCRIPTION)                        | 4.000           | EACH         |
| 603-01          | PAINT STEEL STRUCTURE   | (1)             | LS           |
| 603-02.20       | SPOT PAINTING EXISTING STEEL STRUCTURES                           | 20.000          | S.F.         |
| 604-03.60       | BRIDGE JOINT SEISMIC MODIFICATION<br>(DESCRIPTION) (LONGITUDINAL) | 7.000           | EACH         |
| 604-10.05       | CONCRETE  | 50.000          | S.F.         |
| 604-10.45       | EXPANSION JOINT REPAIRS (TYPE F)                                  | 20.000          | L.F.         |
| 604-10.54       | CONCRETE REPAIRS  | 37.000          | S.F.         |
| 604-10.83       | COMPOSITE FIBER ENCASMENT   | 212.000         | S.F.         |
| 712-02.02       | INTERCONNECTED PORTABLE BARRIER RAIL                              | 40.000          | L.F.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |

**( ) Item will be bid as lump sum.**



**Contract ID CNV256 - SUMNER**

**Contract ID:** CNV256

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 83076-3255-94

STP-SIP-386(24)

**Counties:** SUMNER

**District:**

**DBE Goal Percent:** 4.00

**Description:** The installation of signals on Center Point Road at the intersection of S.R. 386 EB (L.M. 0.17).

**Contract Time:** DT - 6/30/2022

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 105-01          | CONSTRUCTION STAKES, LINES AND GRADES                   | (1)             | LS           |
| 201-05.31       | VEGETATION REMOVAL                                      | (1)             | LS           |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                           | 10.000          | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                    | 177.000         | S.F.         |
| 712-08.03       | ARROW BOARD (TYPE C)                                    | 1.000           | EACH         |
| 713-11.02       | PERFORATED/KNOCKOUT SQUARE TUBE POST                    | 70.000          | LB.          |
| 713-11.21       | P POST SLIP BASE  | 2.000           | EACH         |
| 713-13.03       | FLAT SHEET ALUMINUM SIGNS (0.100" THICK)                | 16.000          | S.F.         |
| 713-14.22       | STREET NAME SIGN (SUSPENDED 0.100IN THICK)              | 15.000          | S.F.         |
| 713-15          | REMOVAL OF SIGNS, POSTS AND FOOTINGS                    | (1)             | LS           |
| 713-15.41       | SIGN REMOVAL (DESCRIPTION)                              | (1)             | LS           |
| 713-16.20       | SIGNS (DESCRIPTION) (R3-1)                              | 1.000           | EACH         |
| 713-16.21       | SIGNS (DESCRIPTION) (R3-2)                              | 1.000           | EACH         |
| 713-16.22       | SIGNS (DESCRIPTION) (R3-5L)                             | 1.000           | EACH         |
| 713-16.23       | SIGNS (DESCRIPTION) (R3-5R)                             | 1.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 20.000          | EACH         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)       | 55.000          | S.Y.         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                    | 120.000         | L.F.         |

**Contract ID CNV256 - SUMNER**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE ARROW)                                     | 3.000           | EACH         |
| 716-02.32       | RETRACING PAVEMENT MARKINGS - PLASTIC (6" LINE)                                | 0.030           | L.M.         |
| 716-08.05       | REMOVAL OF PAVEMENT MARKING (STOP LINE)  | 90.000          | L.F.         |
| 716-08.31       | HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (LINE & 8" BARRIER LINE)  | 0.180           | L.M.         |
| 716-08.33       | HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (TURN LANE ARROW)         | 3.000           | EACH         |
| 716-08.34       | HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (CHANNELIZATION STRIPING) | 15.000          | S.Y.         |
| 716-12.06       | ENHANCED FLAT LINE THERMO (8IN LINE)   | 85.000          | L.F.         |
| 716-12.08       | ENHANCED FLAT LINE THERMO (12IN BARRIER LINE)                                  | 75.000          | L.F.         |
| 716-13.02       | SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)                                    | 0.160           | L.M.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 725-03.60       | CABLE MARKER   | 5.000           | EACH         |
| 730-02.09       | SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)                                      | 6.000           | EACH         |
| 730-03.21       | INSTALL PULL BOX (TYPE B)  | 3.000           | EACH         |
| 730-03.23       | INSTALL PULL BOX (FIBER OPTIC-TYPE A)  | 2.000           | EACH         |
| 730-03.24       | INSTALL PULL BOX (FIBER OPTIC-TYPE B)  | 3.000           | EACH         |
| 730-03.33       | FIBER OPTIC SPLICE FUSION  | 6.000           | EACH         |
| 730-03.35       | FIBER OPTIC TERMINATION SPLICE UNIT  | 2.000           | EACH         |
| 730-03.36       | FIBER SPLICE ENCLOSURE (DESCRIPTION) (UNDERGROUND)                             | 3.000           | EACH         |
| 730-03.54       | FIBER OPTIC DROP CABLE (12F)   | 200.000         | L.F.         |
| 730-05.01       | ELECTRICAL SERVICE CONNECTION  | 1.000           | EACH         |
| 730-08.03       | SIGNAL CABLE - 7 CONDUCTOR   | 520.000         | L.F.         |
| 730-08.10       | SIGNAL CABLE - (DESCRIPTION) (STOP BAR)  | 485.000         | L.F.         |
| 730-08.11       | SIGNAL CABLE - (DESCRIPTION) (ADVANCED)  | 340.000         | L.F.         |
| 730-08.40       | INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (36 FIBER SINGLE-MODE)          | 1,020.000       | L.F.         |
| 730-12.02       | CONDUIT 2" DIAMETER (PVC)  | 80.000          | L.F.         |

**Contract ID CNV256 - SUMNER**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 730-12.16       | CONDUIT (DESCRIPTION) (JACK AND BORE, SCH. 80)                                       | 310.000         | L.F.         |
| 730-12.17       | CONDUIT (DESCRIPTION) (2" DIAMETER TRENCHED FOR F.O., SCH. 80)                       | 950.000         | L.F.         |
| 730-12.18       | CONDUIT (DESCRIPTION) (2" DIAMETER BORED FOR F.O., SCH. 80)                          | 980.000         | L.F.         |
| 730-13.08       | VEHICLE DETECTOR (DESCRIPTION) (STOP BAR RADAR)                                      | 3.000           | EACH         |
| 730-13.09       | VEHICLE DETECTOR (DESCRIPTION) (ADVANCED RADAR)                                      | 2.000           | EACH         |
| 730-15.11       | MODIFY CABINET (DESCRIPTION) (INTEGRATE FIBER & INSTALL 8-PH. ACT. FIBER CONTROLLER) | 1.000           | EACH         |
| 730-15.32       | CABINET (EIGHT PHASE BASE MOUNTED)   | 1.000           | EACH         |
| 730-16.04       | CONTROLLER (ATC)   | 2.000           | EACH         |
| 730-23.71       | CANTILEVER SIGNAL SUPPORT (2 @ 30' & 45')  | 1.000           | EACH         |
| 730-25.07       | CANTILEVER SIGNAL SUPPORT (1 ARM @ 55')  | 1.000           | EACH         |
| 740-11.02       | TEMPORARY SEDIMENT TUBE 12IN   | 550.000         | L.F.         |
| 801-01.65       | TEMPORARY MULCH  | 1.000           | UNIT         |
| 803-01          | SODDING (NEW SOD)  | 80.000          | S.Y.         |

**( ) Item will be bid as lump sum.**

**Contract ID CNV280 - WARREN**

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**Contract ID:** CNV280

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 89016-4217-04

NA

**Counties:** WARREN

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 287 over the Collins River (L.M. 39.48).

**Contract Time:** DT - 10/31/2022

| Item No.  | Description   | Quantity  | Units |
|-----------|---|-----------|-------|
| 201-07.01 | REMOVAL AND DISPOSAL OF BRUSH & TREES   | (1)       | LS    |
| 202-04.01 | REMOVAL OF STRUCTURES (DESCRIPTION, STA.)<br>(BRIDGE NO. 89-SR287-39.48)          | (1)       | LS    |
| 204-09.01 | COFFERDAM (PIER NO. ,STA.) (PIER NO. 2)   | (1)       | LS    |
| 204-09.02 | COFFERDAM (PIER NO. ,STA.) (PIER NO. 3)   | (1)       | LS    |
| 209-03.21 | FILTER SOCK (12 INCH)   | 100.000   | L.F.  |
| 209-08.02 | TEMPORARY SILT FENCE (WITH BACKING)   | 300.000   | L.F.  |
| 209-08.07 | ROCK CHECK DAM  | 3.000     | EACH  |
| 411-01.10 | ACS MIX(PG64-22) GRADING D  | 171.000   | TON   |
| 415-01.02 | COLD PLANING BITUMINOUS PAVEMENT  | 2,543.000 | S.Y.  |
| 602-10.01 | STRUCTURAL STEEL REPAIRS  | (1)       | LS    |
| 602-10.19 | JACKING STEEL SPANS   | (1)       | LS    |
| 602-10.20 | BOLTS   | 3.000     | EACH  |
| 603-01.01 | PAINTING STEEL STRUCTURES (LOCATION &<br>DESCRIPTION) (BRIDGE NO. 89-SR287-39.48) | (1)       | LS    |
| 603-05.20 | CONTAINMENT & DISPOSAL OF WASTE(LOCATION &<br>DESCRP) (BRIDGE NO. 89-SR287-39.48) | (1)       | LS    |
| 604-03.25 | CLASS S CONCRETE (FOUNDATION SEAL)  | 1,090.000 | C.Y.  |
| 604-04.02 | APPLIED TEXTURE FINISH (EXISTING<br>STRUCTURES)                                   | 2,186.000 | S.Y.  |
| 604-10.05 | CONCRETE  | 7.000     | S.F.  |
| 604-10.17 | NON-PENETRATING CONCRETE SEAL   | 2.000     | S.Y.  |
| 604-10.18 | REINFORCING STEEL (REPAIRS)   | 45.000    | LB.   |

**Contract ID CNV280 - WARREN**

| <b>Item No.</b> | <b>Description</b>                                      | <b>Quantity</b> | <b>Units</b> |
|-----------------|---|-----------------|--------------|
| 604-10.40       | EXPANSION JOINT REPAIRS (TYPE D)                        | 64.000          | L.F.         |
| 604-10.50       | BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)             | 46.000          | S.Y.         |
| 604-10.54       | CONCRETE REPAIRS  | 6.000           | S.F.         |
| 604-10.58       | EPOXY INJECTION (INJECTION)                             | 1.000           | GAL.         |
| 604-10.62       | EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)          | 16.000          | L.F.         |
| 604-10.78       | RISER BLOCK REPAIR                                      | 1.000           | EACH         |
| 617-02          | BRIDGE DECK CRACK SEALING                               | 126.000         | L.F.         |
| 617-05          | SEALANT (DESCRIPTION) (HMWM)                            | 2.000           | GAL.         |
| 620-10.11       | BEARING DEVICE  | 1.000           | EACH         |
| 705-04.50       | PORTABLE BARRIER RAIL DELINEATOR                        | 99.000          | EACH         |
| 705-07.01       | CONC BARRIER CRASH CUSHION(NCHRP350-TL2)                | 1.000           | EACH         |
| 706-01          | GUARDRAIL REMOVED                                       | 10.000          | L.F.         |
| 712-01          | TRAFFIC CONTROL   | (1)             | LS           |
| 712-02.12       | PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)   | 1,980.000       | L.F.         |
| 712-02.60       | TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)           | 3.000           | EACH         |
| 712-04.01       | FLEXIBLE DRUMS (CHANNELIZING)                           | 62.000          | EACH         |
| 712-06          | SIGNS (CONSTRUCTION)                                    | 316.000         | S.F.         |
| 712-07.02       | TEMPORARY BARRICADES (TYPE II)                          | 12.000          | L.F.         |
| 712-07.03       | TEMPORARY BARRICADES (TYPE III)                         | 24.000          | L.F.         |
| 712-09.01       | REMOVABLE PAVEMENT MARKING LINE                         | 1,425.000       | L.F.         |
| 712-09.04       | REMOVABLE PAVEMENT MARKING (STOP LINE)                  | 24.000          | L.F.         |
| 716-01.14       | RAISED PAVEMENT MARKER REMOVAL                          | 11.000          | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR) | 11.000          | EACH         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)          | 1.210           | L.M.         |
| 717-01          | MOBILIZATION  | (1)             | LS           |
| 730-40.02       | TEMPORARY TRAFFIC SIGNAL SYSTEM                         | (1)             | LS           |
| 801-01          | SEEDING (WITH MULCH)                                    | 0.150           | UNIT         |

Contract ID CNV280 - WARREN

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**( ) Item will be bid as lump sum.**

**Contract ID CNV192 - WEAKLEY**

**Contract ID:** CNV192

**Letting Date:** August 20, 2021 10:00 AM

**Projects:** 92001-3234-94  
92001-8234-14

STP/HSIP-431(17)  
STP/HSIP-431(17)

**Counties:** WEAKLEY

**District:**

**DBE Goal Percent:** 4.00

**Description:** The resurfacing on S.R. 431 from S.R. 22 (L.M. 0.00) to near Broadway Street (L.M. 2.97).

**Contract Time:** DT - 12/15/2021

| Item No.  | Description  | Quantity  | Units |
|-----------|--|-----------|-------|
| 202-03.01 | REMOVAL OF ASPHALT PAVEMENT                                    | 250.000   | S.Y.  |
| 203-06    | WATER  | 7.000     | M.G.  |
| 208-01.05 | BROOMING & DEGRASSING SHOULDERS                                | 5.180     | L.M.  |
| 303-02    | MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D) | 861.000   | TON   |
| 307-01.01 | ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A             | 115.000   | TON   |
| 403-02.01 | TRACKLESS TACK COAT  | 29.000    | TON   |
| 411-01.10 | ACS MIX(PG64-22) GRADING D                                     | 4,876.000 | TON   |
| 411-12.03 | SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)         | 1.290     | L.M.  |
| 411-12.04 | SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)         | 3.460     | L.M.  |
| 415-01.01 | COLD PLANING BITUMINOUS PAVEMENT                               | 4,358.000 | TON   |
| 701-02.01 | CONCRETE CURB RAMP (RETROFIT)                                  | 720.000   | S.F.  |
| 705-02.10 | GUARDRAIL TRANSITION 27IN TO 31IN                              | 1.000     | EACH  |
| 705-06.20 | TANGENT ENERGY ABSORBING TERM MASH TL-3                        | 1.000     | EACH  |
| 712-01    | TRAFFIC CONTROL  | (1)       | LS    |
| 712-06    | SIGNS (CONSTRUCTION)   | 1,232.000 | S.F.  |
| 712-07.03 | TEMPORARY BARRICADES (TYPE III)                                | 30.000    | L.F.  |
| 713-02.21 | SIGN POST DELINEATION ENHANCEMENT                              | 140.000   | L.F.  |
| 713-15    | REMOVAL OF SIGNS, POSTS AND FOOTINGS                           | (1)       | LS    |

**Contract ID CNV192 - WEAKLEY**

| <b>Item No.</b> | <b>Description</b>   | <b>Quantity</b> | <b>Units</b> |
|-----------------|--|-----------------|--------------|
| 713-16.05       | RAILROAD CROSS-BUCK SIGN & SUPPORT                         | 4.000           | EACH         |
| 713-16.23       | SIGNS (DESCRIPTION) (I-13)                                 | 4.000           | EACH         |
| 713-16.24       | SIGNS (DESCRIPTION) (W10-1)                                | 2.000           | EACH         |
| 713-16.25       | SIGNS (DESCRIPTION) (W10-2)                                | 3.000           | EACH         |
| 713-16.26       | SIGNS (DESCRIPTION) (W10-3)                                | 2.000           | EACH         |
| 713-16.27       | SIGNS (DESCRIPTION) (W10-4)                                | 1.000           | EACH         |
| 716-01.21       | SNOWPLOWABLE RAISED PAVEMENT MARKERS<br>(BI-DIR) (1 COLOR) | 156.000         | EACH         |
| 716-01.30       | REMOVAL OF SNOWPLOWABLE REFLECTIVE<br>MARKER               | 96.000          | EACH         |
| 716-02.03       | PLASTIC PAVEMENT MARKING (CROSS-WALK)                      | 60.000          | L.F.         |
| 716-02.04       | PLASTIC PAVEMENT MARKING(CHANNELIZATION<br>STRIPING)       | 56.000          | S.Y.         |
| 716-02.05       | PLASTIC PAVEMENT MARKING (STOP LINE)                       | 469.000         | L.F.         |
| 716-02.06       | PLASTIC PAVEMENT MARKING (TURN LANE<br>ARROW)              | 10.000          | EACH         |
| 716-02.09       | PLASTIC PAVEMENT MARKING (LONGITUDINAL<br>CROSS-WALK)      | 250.000         | L.F.         |
| 716-03.02       | PLASTIC WORD PAVEMENT MARKING (RXR)                        | 4.000           | EACH         |
| 716-05.20       | PAINTED PAVEMENT MARKING (6" LINE)                         | 11.383          | L.M.         |
| 716-12.02       | ENHANCED FLATLINE THERMO PVMT MRKNG (6IN<br>LINE)          | 11.383          | L.M.         |
| 717-01          | MOBILIZATION   | (1)             | LS           |
| 730-12.01       | CONDUIT 1" DIAMETER (PVC)                                  | 25.000          | L.F.         |
| 730-14.01       | SHIELDED DETECTOR CABLE                                    | 25.000          | L.F.         |
| 730-14.02       | SAW SLOT   | 802.000         | L.F.         |
| 730-14.03       | LOOP WIRE  | 1,604.000       | L.F.         |

**( ) Item will be bid as lump sum.**



