

**Estimated Quantities -- Letting December 10, 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 CNV918 - BENTON , CARROLL, ETC.**

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**Contract ID:** CNV918

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 98400-4183-04  
98400-4184-04

NA  
NA

**Counties:** BENTON, CARROLL, CHESTER, CROCKETT,  
DECATUR, DYER, FAYETTE, GIBSON,  
HARDIN, HAYWOOD, HENDERSON, HENRY,  
MADISON, MCNAIRY, OBION, SHELBY,  
WEAKLEY

**District:**

**DBE Goal Percent:**

**Description:** The sweeping and drain cleaning on various Interstate and State Routes.

**Contract Time:** DT - 2/28/2023

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.11	CLEAN DRAIN(WITH GRATE)	1,000.000	EACH
611-07.12	CLEAN DRAIN(WALL DRAIN)	700.000	EACH
611-07.13	PIPE CLEANING (<18IN DIA.)	2,200.000	L.F.
611-07.14	PIPE CLEANING (>OR=18IN DIA.)	1,000.000	L.F.
712-01.02	LANE CLOSURE	80.000	EACH
719-01.02	ROADWAY SWEEPING	1,849.000	L.M.
719-01.11	SWEEPING	15,308.000	L.M.

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

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

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**Contract ID:** CNV914

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 10003-3269-94  
 10066-3205-14  
 82010-3243-14  
 90010-3217-14

STP-M-NH-37(23)  
 HPP/STP-91(31)  
 STP-93(14)  
 STP-93(14)

**Counties:** CARTER, SULLIVAN, WASHINGTON

**District:**

**DBE Goal Percent:** 8.00

**Description:** The grading, drainage and paving on S.R. 91 Ext in Carter County and on S.R. 93 in Sullivan and Washington Counties, including a retaining wall, plus signal upgrades on U.S. 19E (S.R. 37) in Carter County.

**Contract Time:** DT - 6/30/2023

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-01.56	REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (TRACT 14)	(1)	LS
202-01.57	REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (TRACT 50)	(1)	LS
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	195.000	S.Y.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (CATCH BASIN, MANHOLES)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	103,078.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	22,943.000	TON
203-04	PLACING AND SPREADING TOPSOIL	1,776.000	C.Y.
203-06	WATER	113.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	2,505.000	C.Y.
203-40.17	ROCK DOWEL	360.000	L.F.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	40.000	C.Y.
208-01.05	BROOMING & DEGRASSING SHOULDERS	8.000	L.M.
209-02.05	12" TEMPORARY SLOPE DRAIN	754.000	L.F.

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-03.20	FILTER SOCK (8 INCH)	450.000	L.F.
209-05	SEDIMENT REMOVAL	1,851.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	300.000	L.F.
209-08.07	ROCK CHECK DAM	175.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	5.000	EACH
209-09.40	CURB INLET PROTECTION (TYPE 1)	98.000	EACH
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	13,614.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	29.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	1,327.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	2,091.000	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) GRADING A	309.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	203.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	82.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	79.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	360.000	L.F.
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	243.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	1,391.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	10,835.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (8IN WIDTH)	1.100	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	10,725.000	TON
604-07.01	RETAINING WALL (DESCRIPTION) (STA. 218+25 TO 220+75 LT.)	3,222.000	S.F.
607-03.30	18" PIPE CULVERT	1,546.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	121.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	57.000	L.F.

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-01.02	MANHOLES, > 4' - 8' DEPTH	4.000	EACH
611-01.03	MANHOLES, > 8' - 12' DEPTH	2.000	EACH
611-01.04	MANHOLES, > 12' - 16' DEPTH	1.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	2.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	93.000	LB.
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
611-14.01	CATCH BASINS, TYPE 14, 0' - 4' DEPTH	1.000	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
611-38.02	CATCH BASINS, TYPE 38, > 4' - 8' DEPTH	1.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	118.000	L.F.
621-03.03	24" TEMPORARY DRAINAGE PIPE	1,932.000	L.F.
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.
701-99.91	RAISED CONCRETE MEDIAN	(1)	LS
702-03	CONCRETE COMBINED CURB & GUTTER	387.000	C.Y.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	2,602.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	44.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	450.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	1,240.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	62.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	5,252.000	L.F.

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	59.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	484.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	131.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	113.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,095.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	194.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.01	REMOVABLE PAVEMENT MARKING LINE	2,824.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	48.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	0.600	C.Y.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	873.500	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	129.450	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	7.000	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
716-01.05	TEMPORARY RAISED PAVEMENT MARKER	70.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	721.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	530.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	35.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	607.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	1,168.000	S.Y.
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.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	4.400	L.M.
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)	23.200	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.

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
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
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

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
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
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
740-06.01	GEOMEMBRANE	1,200.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	857.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	4,370.000	S.Y.
740-11.01	TEMPORARY SEDIMENT TUBE 8IN	3,853.000	L.F.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	2,627.000	L.F.
801-01	SEEDING (WITH MULCH)	29.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	111.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	222.000	UNIT
801-03	WATER (SEEDING & SODDING)	30.000	M.G.
803-01	SODDING (NEW SOD)	592.000	S.Y.
805-05.03	REINFORCED SHOTCRETE FACING	900.000	S.F.



**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
805-12.01	EROSION CONTROL BLANKET (TYPE I)	527.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	28,473.000	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
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
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.

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
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
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

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
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
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.

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-01.16	18IN DIP SLIP JOINT WATER LINE	2,645.000	L.F.
795-03.02	2IN PVC WATER LINE	240.000	L.F.
795-06.01	CONNECT TO 2IN WATER LINE	10.000	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
795-06.31	CUT AND CAP 2IN WATER LINE	1.000	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
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.
795-09.70	5/8IN WATER SERVICE METER ASSEMBLY	2.000	EACH
795-09.75	5/8IN COPPER SERVICE PIPE	150.000	L.F.
795-10.05	2IN AUTO AIR RELEASE VALVE ASSEMBLY	2.000	EACH
795-11.01	BLOW-OFF ASSEMBLY	3.000	EACH
795-11.02	FIRE HYDRANT ASSEMBLY	4.000	EACH
795-11.12	RETIRE IN PLACE EXISTING WATER MAIN	220.000	L.F.
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

**Contract ID CNV914 - CARTER , SULLIVAN, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
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 CNV917 - DAVIDSON , HUMPHREYS, ETC.**

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**Contract ID:** CNV917

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 98304-4138-04

NA

98304-4139-04

NA

**Counties:** DAVIDSON, HUMPHREYS, MONTGOMERY,  
ROBERTSON, RUTHERFORD, SUMNER,  
WILLIAMSON, WILSON

**District:**

**DBE Goal Percent:**

**Description:** The sweeping and drain cleaning on various Interstate and State Routes.

**Contract Time:** DT - 2/28/2023

Item No.	Description	Quantity	Units
603-05.40	CONTAINMENT & DISPOSAL OF WASTE(LOCATION & DESCRP) (DAVIDSON CO BRIDGE CLEANING)	14,000.000	GAL.
611-07.10	CLEAN DRAIN (TRENCH DRAIN)	2,500.000	L.F.
611-07.11	CLEAN DRAIN(WITH GRATE)	5,300.000	EACH
611-07.12	CLEAN DRAIN(WALL DRAIN)	2,000.000	EACH
611-07.13	PIPE CLEANING (<18IN DIA.)	4,000.000	L.F.
611-07.16	PIPE CLEANING (18IN TO 24IN)	2,000.000	L.F.
611-07.17	PIPE CLEANING (>24IN TO 36IN)	1,000.000	L.F.
611-07.18	PIPE CLEANING (>36IN TO 42IN)	100.000	L.F.
611-07.19	PIPE CLEANING (>42IN TO 60IN)	100.000	L.F.
712-01.02	LANE CLOSURE	80.000	EACH
712-01.56	MAINTENANCE OF TRAFFIC ( ) (BRIDGE CLEANING)	8.000	EACH
719-01	SWEEPING	22,660.000	L.M.
719-01.21	STRUCTURE AND SITE CLEANING(LOCATION) (I-40@CHARLOTTE AVE)	(1)	LS
719-01.22	STRUCTURE AND SITE CLEANING(LOCATION) (I-40@FAIRFIELD AVENUE)	(1)	LS
719-01.23	STRUCTURE AND SITE CLEANING(LOCATION) (I-40@40TH STREET)	(1)	LS

**Contract ID CNV917 - DAVIDSON , HUMPHREYS, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
719-01.24	STRUCTURE AND SITE CLEANING(LOCATION) (I-40@BATAVIA STREET)	(1)	LS
719-01.25	STRUCTURE AND SITE CLEANING(LOCATION) (I-40@CLIFTON STREET)	(1)	LS
719-01.26	STRUCTURE AND SITE CLEANING(LOCATION) (I-40@CLIFTON STREET #2)	(1)	LS
719-01.27	STRUCTURE AND SITE CLEANING(LOCATION) (I-40@28TH AVENUE)	(1)	LS
719-01.28	STRUCTURE AND SITE CLEANING(LOCATION) (I-40@21ST AVENUE)	(1)	LS

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

**Contract ID CNV916 - HAMILTON**

**Contract ID:** CNV916

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 33006-3136-44

STP-I-124-3(83)

**Counties:** HAMILTON

**District:**

**DBE Goal Percent:** 5.00

**Description:** The landscaping and accent lighting on I-124 (U.S. 27, S.R. 29) from the I-24/I-124 interchange (L.M. 1.15) to south of the Tennessee River (Olgiate) Bridge (L.M. 1.95).

**Contract Time:** DT - 6/30/2023

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	45.000	C.Y.
203-07	FURNISHING & SPREADING TOPSOIL	55.000	C.Y.
209-05	SEDIMENT REMOVAL	150.000	C.Y.
209-40.33	CATCH BASIN PROTECTION (TYPE D)	6.000	EACH
303-10.01	MINERAL AGGREGATE (SIZE 57)	5.000	TON
709-05.05	MACHINED RIP-RAP (CLASS A-3)	300.000	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	570.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	1.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	125.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	30.000	EACH
712-06	SIGNS (CONSTRUCTION)	376.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	1.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
713-16.20	SIGNS (DESCRIPTION) (DO NOT MOW)	3.000	EACH
717-01	MOBILIZATION	(1)	LS
721-01.07	1" DRIP CONTROL VALVE (RAIN BIRD X CZ-100-PRB-COM)	7.000	EACH



**Contract ID CNV916 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
721-01.08	1-1/2" CONTROL VALVE (RAIN BIRD X CZ-150-LC DR)	9.000	EACH
721-01.09	1/2" DRIPLINE FLUSH VALVE (HUNTER PLD-BV)	30.000	EACH
721-01.10	DRIP INDICATOR (HUNTER ECO-ID)	16.000	EACH
721-01.12	1" QUICK COUPLER VALVE (RAIN BIRD 44LRC)	10.000	EACH
721-01.13	ISOLATION VALVE (CLASS 125 BRONZE)	6.000	EACH
721-01.14	1-1/2" MASTER VALVE (BUCKNER-SUPERIOR 3100)	1.000	EACH
721-01.15	1-1/2" BACKFLOW PREVENTER	1.000	EACH
721-01.16	2-WIRE DECODER CONTROLLER (RAIN BIRD LXDIVM-LXMSS-LXMMPED)	1.000	EACH
721-01.17	FIELD DECODER (RAIN BIRD FD-101-TURF)	9.000	EACH
721-01.18	FIELD DECODER (RAIN BIRD FD-202-TURF)	2.000	EACH
721-01.19	FIELD DECODER (RAIN BIRD FD-401-TURF)	1.000	EACH
721-01.20	CELL DATA MODEM (RAIN BIRD IQ-NCC-IQ4)	1.000	EACH
721-01.21	SENSOR DECODER (RAIN BIRD SD-210-TURF)	1.000	EACH
721-01.22	WIRELESS RAIN/FREEZE SENSOR (RAIN BIRD WR2-RFS)	1.000	EACH
721-01.23	1.5" FLOW SENSOR (CREATIVE SENSOR TECHNOLOGY FSI-T15-001)	1.000	EACH
721-01.24	SURGE ARRESTOR AND 2-WIRE GROUNDING POINT (RAIN BIRD LSP01)	8.000	EACH
721-01.25	1-1/2" WATER METER	1.000	EACH
721-01.26	INLINE DRIP TUBING (RAIN BIRD XFCV-06-18)	63,000.000	L.F.
721-01.28	IRRIGATION LATERAL LINE (PVC CLASS 200 SDR 21 1")	2,470.000	L.F.
721-01.29	IRRIGATION LATERAL LINE (PVC CLASS 200 SDR 21 1-1/2")	650.000	L.F.
721-01.30	IRRIGATION LATERAL LINE (PVC CLASS 200 SDR 21 2")	156.000	L.F.
721-01.33	IRRIGATION MAINLINE (PVC CLASS 200 SDR 21 1")	200.000	L.F.
721-01.34	IRRIGATION MAINLINE (PVC CLASS 200 SDR 21 1-1/2")	890.000	L.F.
721-01.35	IRRIGATION MAINLINE (PVC CLASS 200 SDR 21 2")	970.000	L.F.
721-01.37	4" PVC SCHEDULE 40 (DIRECTIONAL BORE)	313.000	L.F.

**Contract ID CNV916 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
721-01.39	1-1/4" PVC SCHEDULE 40 ELECTRICAL CONDUIT(DIRECT BURIAL)	1,747.000	L.F.
721-01.40	1-1/4" PVC SCHEDULE 40 ELECTRICAL CONDUIT(DIRECTIONAL BORE)	313.000	L.F.
721-01.41	CONTROL WIRE CABLE (RAIN BIRD MAXI-WIRE)	2,270.000	L.F.
721-01.42	IRRIGATION DRIPLINE HEADER (RAIN BIRD XQF-1, 1")	1,470.000	L.F.
724-01.01	CONDUIT (1" PVC SCHEDULE 80) (DIRECTIONAL BORE)	250.000	L.F.
724-01.02	CONDUIT (1-1/4" PVC SCHEDULE 80)	10.000	L.F.
724-01.03	CONDUIT (3/4" PVC SCHEDULE 80)	25.000	L.F.
724-01.04	CONDUIT (1-1/4" GALVANIZED STEEL)	20.000	L.F.
724-01.05	CONDUIT (3/4" GALVANIZED STEEL)	15.000	L.F.
724-01.06	CONDUIT(3/4" RIGID)	60.000	L.F.
724-01.07	CONDUIT (1/2" LIQUID TIGHT)	35.000	L.F.
724-01.08	CABLE (12/2 LOW VOLTAGE)	2,330.000	L.F.
724-01.09	CABLE (10/2 LOW VOLTAGE)	2,140.000	L.F.
724-01.13	CABLE (# 8 AWG STRANDED CABLE - BLACK 120V)	1,150.000	L.F.
724-01.14	CABLE (# 8 AWG STRANDED CABLE - WHITE 120V)	1,150.000	L.F.
724-01.15	CABLE (# 8 AWG STRANDED CABLE - GREEN 120V)	1,210.000	L.F.
724-01.16	WIRE (#4 AWG 600V RATED INSULATION)	165.000	L.F.
724-01.17	WIRE (#8 AWG BARE)	75.000	L.F.
724-01.18	WIRE (#12 AWG 600V RATED INSULATION)	50.000	L.F.
724-01.19	WIRE (#6 AWG BARE)	10.000	L.F.
724-01.20	RELAY WIRING (14/2 CONTROLS WIRING)	15.000	L.F.
724-01.21	LUMINAIRES (FLOOD LIGHT)	71.000	EACH
724-01.22	LUMINAIRES (ACCENT SPOT LIGHT)	23.000	EACH
724-01.23	LUMINAIRES (GRAND ACCENT SPOT LIGHT)	6.000	EACH
724-01.24	ELECTRICAL CONNECTION	1.000	EACH
724-01.25	TRANSFORMER (360W IN-GROUND)	4.000	EACH
724-01.26	TRANSFORMER (500W IN-GROUND)	1.000	EACH
724-01.27	TRANSFORMER (840W IN-GROUND)	1.000	EACH

**Contract ID CNV916 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
724-01.28	120V LARGE UNDERGROUND CONNECTION	1.000	EACH
724-01.29	120V MEDIUM UNDERGROUND CONNECTION	4.000	EACH
724-01.30	12V MEDIUM GREASE TUBE CONNECTOR	200.000	EACH
724-01.31	12V LARGE GREASE TUBE CONNECTOR	48.000	EACH
724-01.32	SMALL ELECTRICAL JUNCTION BOX	1.000	EACH
724-01.33	CIRCUIT BREAKERS (20A/1P 10K AIC)	12.000	EACH
724-01.34	CIRCUIT BREAKERS (60A/3P 10K AIC)	1.000	EACH
724-01.35	ENCLOSED PANELS (NEMA 3R RATED)	1.000	EACH
724-01.36	PHOTO CELL (NEMA 3R RATED)	1.000	EACH
724-01.37	LIGHTING CONTACTORS (NEMA 3R RATED) 4 POLE	1.000	EACH
724-01.38	WEATHERHEAD	1.000	EACH
724-01.39	GFI OUTLET	1.000	EACH
724-01.40	CONCRETE REINFORCED BOX (IN GRADE RATED 12X12X12)	34.000	EACH
724-01.41	WEATHERPROOF ENCLOSURE FOR RECEPTACLE	1.000	EACH
724-01.42	SOLID COPPER GROUND ROD TRIPOD SYSTEM (3/8" ROUND)	1.000	EACH
724-01.43	ANCHOR BOLTS	200.000	EACH
724-01.44	U-CHANNEL STRUCTURAL STEEL (1-5/8")	20.000	L.F.
724-01.45	CONCRETE (3000 PSI)	100.000	C.F.
724-01.46	CONDUIT (1" PVC SCHEDULE 80) (DIRECT BURIAL)	830.000	L.F.
726-02.01	MAINTENANCE (1-YEAR) (IRRIGATION SYSTEM)	(1)	LS
726-02.02	MAINTENANCE (1-YEAR) (ACCENT LIGHTING SYSTEM)	(1)	LS
726-03.01	RECORD DRAWINGS (IRRIGATION SYSTEM)	(1)	LS
726-03.02	RECORD DRAWINGS (ACCENT LIGHTING SYSTEM)	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	520.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	5,056.000	L.F.
801-01.65	TEMPORARY MULCH	185.000	UNIT
801-06.10	SHREDDED HARDWOOD MULCH(LANDSCAPING)	1,250.000	C.Y.
802-01.10	TREES (DESCRIPTION) (ACER BUERGERIANUM 'AERYN')	18.000	EACH

**Contract ID CNV916 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
802-01.11	TREES (DESCRIPTION) (AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE')	30.000	EACH
802-01.12	TREES (DESCRIPTION) (CEDRUS DEODARA')	11.000	EACH
802-01.13	TREES (DESCRIPTION) (CERCIS CANADENSIS 'FOREST PANSY')	22.000	EACH
802-01.14	TREES (DESCRIPTION) (CRATAEGUS VIRDIS 'WINTER KING')	31.000	EACH
802-01.15	TREES (DESCRIPTION) (CRYPTOMERIA JAPONICA)	19.000	EACH
802-01.16	TREES (DESCRIPTION) (ILEX 'NELLIE R. STEVENS')	35.000	EACH
802-01.17	TREES (DESCRIPTION) (JUNIPERUS VIRGINIANA 'BURKII')	118.000	EACH
802-01.18	TREES (DESCRIPTION) (LAGERSTROEMIA INDICA 'DYNAMITE')	26.000	EACH
802-01.19	TREES (DESCRIPTION) (LIRIODENDRON TULIPIFERA 'ARNOLD')	5.000	EACH
802-01.20	TREES (DESCRIPTION) (MAGNOLIA GRANDIFLORA 'D.D. BLANCHARD')	6.000	EACH
802-01.21	TREES (DESCRIPTION) (MAGNOLIA X SOULANGIANA)	24.000	EACH
802-01.22	TREES (DESCRIPTION) (NYSSA SYLVATICA 'DAVID ODOM')	6.000	EACH
802-03.01	SHRUBS (DESCRIPTION) (CALLICARPA AMERICANA)	72.000	EACH
802-03.02	SHRUBS (DESCRIPTION) (HYDRANGEA QUERCIFOLIA 'ALICE')	17.000	EACH
802-03.03	SHRUBS (DESCRIPTION) (ILEX GLABRA 'COMPACTA')	10.000	EACH
802-03.04	SHRUBS (DESCRIPTION) (ITEA VIRGINICA 'HENRY'S GARNET')	27.000	EACH
802-04.70	GROUND COVER (DESCRIPTION) (AMSONIA TABERNAEMONTANA)	1,657.000	EACH
802-04.71	GROUND COVER (DESCRIPTION) (ANDROPOGON GERARDII 'RED OCTOBER')	1,151.000	EACH
802-04.72	GROUND COVER (DESCRIPTION) (PANICUM VIRGATUM 'NORTHWIND')	2,755.000	EACH
802-04.73	GROUND COVER (DESCRIPTION) (PERENNIAL MIX 1)	1,656.000	EACH

**Contract ID CNV916 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
802-04.74	GROUND COVER (DESCRIPTION) (PERENNIAL MIX 2)	3,866.000	EACH
802-04.75	GROUND COVER (DESCRIPTION) (PERENNIAL MIX 3)	1,247.000	EACH
802-09.01	LANDSCAPE MAINTENANCE (1-YEAR)	(1)	LS
802-60.99	PLANTING BED (TREES, SHRUBS, PERENNIALS)	89,670.000	S.F.
802-70.99	PLANTING BED (WILDFLOWER AND PRAIRIE GRASS SEED MIX)	70,354.000	S.F.
803-01	SODDING (NEW SOD)	330.000	S.Y.
806-02.03	PROJECT MOWING	3.000	CYCL

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

**Contract ID CNV915 - MONTGOMERY**

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**Contract ID:** CNV915

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 63005-3244-14  
63LPLM-S3-063  
63LPLM-S3-067

STP-EN-NH-12(57)  
STP-NH-12(63)  
STP-NH-12(62)

**Counties:** MONTGOMERY

**District:**

**DBE Goal Percent:** 8.50

**Description:** The construction of pedestrian facilities on U.S. 41A (S.R. 12) from near Cave Street (L.M. 16.80) to the Kentucky State line (L.M. 23.78) in Clarksville.

**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	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	3.000	EACH
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	2,883.000	S.Y.
202-03.01	REMOVAL OF ASPHALT PAVEMENT	3,496.000	S.Y.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	1,468.000	C.Y.
203-01.06	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	(1)	LS
203-04	PLACING AND SPREADING TOPSOIL	500.000	C.Y.
203-06	WATER	470.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	670.000	C.Y.
204-06.01	FLOWABLE FILL (GENERAL)	450.000	C.Y.
209-03.20	FILTER SOCK (8 INCH)	23,397.000	L.F.
209-05	SEDIMENT REMOVAL	1,300.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	120.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	8,700.000	L.F.
209-09.01	SANDBAGS	1,600.000	BAG
209-09.43	CURB INLET PROTECTION (TYPE 4)	105.000	EACH

**Contract ID CNV915 - MONTGOMERY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	2,222.000	S.Y.
209-40.33	CATCH BASIN PROTECTION (TYPE D)	184.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	4,210.000	TON
303-01.09	MINERAL AGGREGATE, TYPE A BASE, GRADING D LIMESTONE	1,420.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	950.000	TON
407-02.14	ASPHALT PAVEMENT REPAIR	2,830.000	S.Y.
407-20.05	SAW CUTTING ASPHALT PAVEMENT	2,694.000	L.F.
411-01.10	ACS MIX(PG64-22) GRADING D	800.000	TON
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	618.000	L.F.
604-01.20	BOX TUBE SAFETY RAIL	80.000	L.F.
604-07.01	RETAINING WALL (DESCRIPTION) (GRAVITY RET. WALL NO. 2)	800.000	S.F.
604-07.02	RETAINING WALL (DESCRIPTION) (GRAVITY RET. WALL NO. 1)	260.000	S.F.
606-24.12	TEMPORARY SHEET PILES	1,000.000	S.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	5.000	L.F.
607-37.02	18" CORRUGATED METAL PIPE CULVERT	10.000	L.F.
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	64.000	L.F.
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	6.000	EACH
611-02.10	JUNCTION BOX, TYPE 1	1.000	EACH
611-07.33	30IN ENDWALL (SIDE DRAIN)	1.000	EACH
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	2.000	EACH
611-38.02	CATCH BASINS, TYPE 38, > 4' - 8' DEPTH	1.000	EACH
630-01.16	6" CONCRETE BOLLARD/GUARD POST	9.000	EACH
680-02.01	BUILDING (DESCRIPTION) (MULTIMODAL SHELTER - 9'-0")	9.000	EACH
701-01.01	CONCRETE SIDEWALK (4 ")	111,165.000	S.F.
701-02	CONCRETE DRIVEWAY	93,120.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	525.000	S.F.

**Contract ID CNV915 - MONTGOMERY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
701-02.03	CONCRETE CURB RAMP	8,796.000	S.F.
702-01	CONCRETE CURB	100.000	C.Y.
702-03	CONCRETE COMBINED CURB & GUTTER	636.000	C.Y.
705-02.02	SINGLE GUARDRAIL (TYPE 2)	40.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	325.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	156.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	300.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	20.000	EACH
712-06	SIGNS (CONSTRUCTION)	656.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-11.01	"U" SECTION STEEL POSTS	756.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	886.000	LB.
713-11.04	SURFACE MNT BREAKAWAY BASE FOR SIGN POST	7.000	EACH
713-11.22	U POST SLIP BASE	10.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	300.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	86.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	20.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
713-20.30	SIGN ADJUSTMENTS	8.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	250.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	4.000	EACH
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	1,720.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	15.000	S.F.
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	100.000	L.F.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	0.200	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	5.000	L.M.
717-01	MOBILIZATION	(1)	LS



**Contract ID CNV915 - MONTGOMERY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	3.000	EACH
730-01.12	SOLAR PANEL & POWER SYSTEM UNIT	20.000	EACH
730-02.41	SIGNAL HEAD MODIFICATION (DESCRIPTION) (REALIGN AND RESET)	13.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	11.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	3,225.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	853.000	L.F.
730-08.10	SIGNAL CABLE - (DESCRIPTION) (APS CABLE)	3,571.000	L.F.
730-09.21	SPAN WIRE ASSEMBLY (LOCATION DESCRIPTION) (LADY MARION DR.)	210.000	L.F.
730-09.22	SPAN WIRE ASSEMBLY (LOCATION DESCRIPTION) (JACKSON, GATE 3)	530.000	L.F.
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	820.000	L.F.
730-11.11	RISER ASSEMBLY (DESCRIPTION) (POLE BASE ENTRANCE)	12.000	EACH
730-11.12	RISER ASSEMBLY (DESCRIPTION) (CABINET BASE ENTRANCE)	7.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	537.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	315.000	L.F.
730-12.30	TRENCHING	216.000	L.F.
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (REMOVE & REINSTALL VIDEO DETECTION CAMERA)	1.000	EACH
730-14.01	SHIELDED DETECTOR CABLE	1,500.000	L.F.
730-14.02	SAW SLOT	500.000	L.F.
730-14.03	LOOP WIRE	2,500.000	L.F.
730-15.11	MODIFY CABINET (DESCRIPTION) (INTEGRATE PEDESTRIAN EQUIPMENT)	6.000	EACH
730-15.12	MODIFY CABINET (DESCRIPTION) (CONTROLLER PROGRAMMING)	6.000	EACH
730-22.02	GUYING DEVICE (ANGLE ANCHOR)	1.000	EACH
730-23.01	STEEL STRAIN POLE (SIGNAL SUPPORT)	3.000	EACH
730-23.30	PEDESTAL POLE (DESCRIPTION) (10')	8.000	EACH
730-23.36	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (LUMINAIRE ARM-VIDEO)	1.000	EACH

**Contract ID CNV915 - MONTGOMERY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-24.08	FOUNDATION (DESCRIPTION) (REMOVE CONCRETE POLE FOUNDATION)	3.000	EACH
730-26.06	PEDESTRIAN PUSHBUTTON POST	4.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	14.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	300.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	23,400.000	L.F.
790-33.21	ANCHOR TWIN EYE POWER INSTALLED	3.000	EACH
791-09.07	RESTORE GRAVEL	141.000	S.Y.
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	1.000	EACH
801-01	SEEDING (WITH MULCH)	85.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	50.000	UNIT
801-03	WATER (SEEDING & SODDING)	24.000	M.G.
803-01	SODDING (NEW SOD)	8,000.000	S.Y.
806-02.03	PROJECT MOWING	2.000	CYCL
920-20.04	(DESCRIPTION) (REMOVE AND RESET MAILBOX)	2.000	EACH

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

**Contract ID CNV910 - SHELBY**

**Contract ID:** CNV910

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 79027-3220-94  
79027-8220-14

STP-NH/HSIP-57(79)  
STP-NH/HSIP-57(79)

**Counties:** SHELBY

**District:**

**DBE Goal Percent:** 6.50

**Description:** The resurfacing on U.S. 72 (S.R. 57) from near Perkins Extended (L.M. 5.68) to the I-240 interchange (L.M. 8.05).

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

Item No.	Description	Quantity	Units
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	148.000	S.Y.
202-03.01	REMOVAL OF ASPHALT PAVEMENT	4,043.000	S.Y.
203-06	WATER	21.000	M.G.
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D)	2,736.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	1,860.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	58.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	8,734.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	8,454.000	TON
611-03.04	GRAY IRON CASTINGS (CATCHBASIN)	11,250.000	LB.
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	28.000	EACH
701-01.01	CONCRETE SIDEWALK (4 ")	1,325.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	7,089.000	S.F.
701-02.03	CONCRETE CURB RAMP	228.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	2,081.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	60.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
713-02.21	SIGN POST DELINEATION ENHANCEMENT	20.000	L.F.

**Contract ID CNV910 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	1.000	EACH
713-16.09	RAILROAD ADVANCE WARNING SIGN AND SUPPORT	1.000	EACH
713-16.20	SIGNS (DESCRIPTION) (GRADE CROSSING ADVANCE WARNING SIGN (W10-2))	1.000	EACH
713-16.21	SIGNS (DESCRIPTION) (GRADE CROSSING ADVANCE WARNING SIGN (W10-3))	2.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	3,689.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	85.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,844.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	56.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	19.000	EACH
716-03.02	PLASTIC WORD PAVEMENT MARKING (RXR)	5.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	15.701	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	15.701	L.M.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	11.000	EACH
730-12.01	CONDUIT 1" DIAMETER (PVC)	290.000	L.F.
730-14.01	SHIELDED DETECTOR CABLE	200.000	L.F.
730-14.02	SAW SLOT	8,486.000	L.F.
730-14.03	LOOP WIRE	17,693.000	L.F.
730-26.14	PEDESTRIAN PUSHBUTTON ADJUSTMENT	9.000	EACH

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

**Contract ID CNV338 - ANDERSON , BLOUNT, ETC.**

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**Contract ID:** CNV338

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** R1BVAR-M3-004

NA

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

**District:**

**DBE Goal Percent:**

**Description:** The on-call concrete pavement repair at various locations on various Interstate and State Routes.

**Contract Time:** DT - 3/31/2023

Item No.	Description	Quantity	Units
502-02	HOLES	5.000	EACH
502-03.25	FULL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	1,750.000	C.Y.
502-03.26	PARTIAL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	125.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	5,800.000	L.F.
502-04.02	LOAD TRANSFER DOWELS	3,000.000	EACH
502-04.03	TRANSVERSE TIE-BARS	220.000	EACH
502-08	PRE-ROLLING	50.000	S.Y.
502-08.02	RESEALING JOINTS (SILICONE SEALANT)	1,300.000	L.F.
502-08.03	SEALING SHOULDER JOINTS	1,400.000	L.F.
502-08.07	SEALING RANDOM CRACKS (SILICONE SEALANT)	350.000	L.F.
502-10	CEMENT-FLY ASH GROUT	50.000	C.F.
502-25	SAWING CONCRETE JOINTS	1,000.000	L.F.
503-01	GRINDING CONCRETE PAVEMENT	500.000	S.Y.
503-60	RETROFIT DOWEL BAR	50.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS

**Contract ID CNV338 - ANDERSON , BLOUNT, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01.02	LANE CLOSURE	8.000	EACH
712-01.03	LANE CLOSURE(NIGHT WORK)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	80.000	EACH
712-06	SIGNS (CONSTRUCTION)	410.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-08.20	TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD	4.000	DAY
712-09.01	REMOVABLE PAVEMENT MARKING LINE	4,000.000	L.F.
716-01.10	SNOWPLOWABLE REFLECTIVE MARKER	5.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	5.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	460.000	L.F.
717-01.04	MOBILIZATION (DESCRIPTION) (WORK ORDER)	4.000	EACH

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

**Contract ID CNV339 - BEDFORD , CHEATHAM, ETC.**

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**Contract ID:** CNV339

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** R3BVAR-M3-008

NA

**Counties:** BEDFORD, CHEATHAM, DAVIDSON,  
DICKSON, GILES, HICKMAN, HOUSTON,  
HUMPHREYS, LAWRENCE, LEWIS,  
LINCOLN, MACON, MARSHALL, MAURY,  
MONTGOMERY, MOORE, PERRY,  
ROBERTSON, RUTHERFORD, SMITH,  
STEWART, SUMNER, TROUSDALE, WAYNE,  
WILLIAMSON, WILSON

**District:**

**DBE Goal Percent:**

**Description:** The on-call concrete pavement repair at various locations on various Interstate and State Routes.

**Contract Time:** DT - 3/31/2023

Item No.	Description	Quantity	Units
502-02	HOLES	10.000	EACH
502-03.25	FULL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	1,750.000	C.Y.
502-03.26	PARTIAL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	50.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	10,900.000	L.F.
502-04.02	LOAD TRANSFER DOWELS	4,500.000	EACH
502-04.03	TRANSVERSE TIE-BARS	300.000	EACH
502-08	PRE-ROLLING	8.000	S.Y.
502-08.02	RESEALING JOINTS (SILICONE SEALANT)	9,100.000	L.F.
502-08.03	SEALING SHOULDER JOINTS	1,400.000	L.F.
502-08.07	SEALING RANDOM CRACKS (SILICONE SEALANT)	375.000	L.F.
502-10	CEMENT-FLY ASH GROUT	40.000	C.F.
502-25	SAWING CONCRETE JOINTS	2,000.000	L.F.
503-01	GRINDING CONCRETE PAVEMENT	375.000	S.Y.
503-60	RETROFIT DOWEL BAR	50.000	EACH

**Contract ID CNV339 - BEDFORD , CHEATHAM, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
712-01.02	LANE CLOSURE	10.000	EACH
712-01.03	LANE CLOSURE(NIGHT WORK)	8.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	140.000	EACH
712-06	SIGNS (CONSTRUCTION)	400.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
712-08.20	TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD	15.000	DAY
712-09.01	REMOVABLE PAVEMENT MARKING LINE	4,700.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.10	SNOWPLOWABLE REFLECTIVE MARKER	5.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	8.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	250.000	L.F.
717-01.04	MOBILIZATION (DESCRIPTION) (WORK ORDER)	4.000	EACH

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



**Contract ID CNV340 - BENTON , CARROLL, ETC.**

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**Contract ID:** CNV340

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** R4BVAR-M3-006

NA

**Counties:** BENTON, CARROLL, CHESTER, CROCKETT,  
 DECATUR, DYER, FAYETTE, GIBSON,  
 HARDEMAN, HARDIN, HAYWOOD,  
 HENDERSON, HENRY, LAKE, LAUDERDALE,  
 MADISON, MCNAIRY, OBION, SHELBY,  
 TIPTON, WEAKLEY

**District:**

**DBE Goal Percent:**

**Description:** The on-call concrete pavement repair at various locations on various Interstate and State Routes.

**Contract Time:** DT - 3/31/2023

Item No.	Description	Quantity	Units
502-03.25	FULL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	1,750.000	C.Y.
502-03.26	PARTIAL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	40.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	10,300.000	L.F.
502-04.02	LOAD TRANSFER DOWELS	4,800.000	EACH
502-04.03	TRANSVERSE TIE-BARS	400.000	EACH
502-08.02	RESEALING JOINTS (SILICONE SEALANT)	6,800.000	L.F.
502-08.03	SEALING SHOULDER JOINTS	5,000.000	L.F.
502-08.07	SEALING RANDOM CRACKS (SILICONE SEALANT)	250.000	L.F.
502-25	SAWING CONCRETE JOINTS	1,900.000	L.F.
503-01	GRINDING CONCRETE PAVEMENT	500.000	S.Y.
503-60	RETROFIT DOWEL BAR	15.000	EACH
706-10.74	CONCRETE BARRIER WALL REPAIR	5.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	265.000	EACH
712-06	SIGNS (CONSTRUCTION)	675.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH

**Contract ID CNV340 - BENTON , CARROLL, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.20	TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD	10.000	DAY
712-09.01	REMOVABLE PAVEMENT MARKING LINE	250.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
716-01.10	SNOWPLOWABLE REFLECTIVE MARKER	5.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	5.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	400.000	L.F.
717-01.04	MOBILIZATION (DESCRIPTION) (WORK ORDER)	4.000	EACH

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

**Contract ID CNV341 - BLEDSOE , BRADLEY, ETC.**

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**Contract ID:** CNV341

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** R2BVAR-M3-002

NA

**Counties:** BLEDSOE, BRADLEY, CANNON, CLAY,  
COFFEE, CUMBERLAND, DEKALB,  
FENTRESS, FRANKLIN, GRUNDY,  
HAMILTON, JACKSON, MARION, MCMINN,  
MEIGS, OVERTON, PICKETT, POLK,  
PUTNAM, RHEA, SEQUATCHIE, VAN BUREN,  
WARREN, WHITE

**District:**

**DBE Goal Percent:**

**Description:** The on-call concrete pavement repair at various locations on various Interstate and State Routes.

**Contract Time:** DT - 3/31/2023

Item No.	Description	Quantity	Units
502-02	HOLES	5.000	EACH
502-03.25	FULL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	1,750.000	C.Y.
502-03.26	PARTIAL DEPTH PCC PAVEMENT REPAIR HIGH EARLY	200.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	9,900.000	L.F.
502-04.02	LOAD TRANSFER DOWELS	4,000.000	EACH
502-04.03	TRANSVERSE TIE-BARS	1,600.000	EACH
502-08	PRE-ROLLING	5.000	S.Y.
502-08.02	RESEALING JOINTS (SILICONE SEALANT)	7,800.000	L.F.
502-08.03	SEALING SHOULDER JOINTS	2,500.000	L.F.
502-08.07	SEALING RANDOM CRACKS (SILICONE SEALANT)	425.000	L.F.
502-10	CEMENT-FLY ASH GROUT	50.000	C.F.
502-25	SAWING CONCRETE JOINTS	750.000	L.F.
503-01	GRINDING CONCRETE PAVEMENT	750.000	S.Y.
503-60	RETROFIT DOWEL BAR	25.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS

**Contract ID CNV341 - BLEDSOE , BRADLEY, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01.02	LANE CLOSURE	6.000	EACH
712-01.03	LANE CLOSURE(NIGHT WORK)	3.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	190.000	EACH
712-06	SIGNS (CONSTRUCTION)	590.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
712-08.20	TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD	5.000	DAY
712-09.01	REMOVABLE PAVEMENT MARKING LINE	1,700.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.10	SNOWPLOWABLE REFLECTIVE MARKER	3.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	3.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	150.000	L.F.
717-01.04	MOBILIZATION (DESCRIPTION) (WORK ORDER)	6.000	EACH

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

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

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**Contract ID:** CNV257

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 07008-3236-64  
13005-3221-64

APD-63(55)  
APD-63(6)

**Counties:** CAMPBELL, CLAIBORNE

**District:**

**DBE Goal Percent:** 9.50

**Description:** The grading, drainage, construction of a concrete box bridge and paving on S.R. 63 from near Frontier Road/Woodson Lane (L.M. 13.04) in Campbell County to Hall Lane (L.M. 5.35) in Claiborne County.

**Contract Time:** DT - 9/30/2025

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	5,240.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01.56	REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (PIPES, WINGWALLS & ENDWALLS)	(1)	LS
202-01.56	REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (TRACT NO. 53)	(1)	LS
202-01.57	REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (TRACT NO. 69)	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (SPRING STRUCTURE, STA.571+65.00)	(1)	LS
202-04.02	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (LAND FOR SALE SIGN, TRACT NO. 50)	(1)	LS
202-04.03	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (TVA SIGN, TRACT NO. 68)	(1)	LS
202-04.04	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (MULTIPLE SMALL SIGNS, TRACT NOS. 79 & 82)	(1)	LS
202-04.05	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (WELL SPRINGS METHODIST SIGN, TRACT NO. 88)	(1)	LS
202-04.06	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (OVERLOOK BAY SIGN, TRACT NO. 107)	(1)	LS

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-04.07	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (MISSIONARY BAPTIST CHURCH SIGN, TRACT NO. 6)	(1)	LS
202-04.08	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (METAL BASKETBALL GOAL, TRACT NO. 114)	(1)	LS
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 61)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	613,802.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	48,447.000	TON
203-04	PLACING AND SPREADING TOPSOIL	97,226.000	C.Y.
203-05	UNDERCUTTING	6,125.000	C.Y.
203-06	WATER	110.000	M.G.
203-20.01	CHANNEL SUBSTRATE	1,510.000	C.Y.
204-06.02	FLOWABLE FILL (EXCAVATABLE)	200.000	C.Y.
204-08	FOUNDATION FILL MATERIAL	68.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	105.000	C.Y.
208-01.05	BROOMING & DEGRASSING SHOULDERS	16.250	L.M.
209-02.07	18" TEMPORARY SLOPE DRAIN	8,277.000	L.F.
209-03.22	FILTER SOCK (18 INCH)	340.000	L.F.
209-03.30	STREAM MITIGATION (RIVER ROCK)	1,031.000	TON
209-03.37	STREAM MITIGATION CROSS VANE STRUCTURE	27.000	EACH
209-03.55	STREAM MITIGATION (DESCRIPTION) (CLAY PLUG)	6.000	EACH
209-03.56	STREAM MITIGATION (DESCRIPTION) (TOE WOOD)	290.000	EACH
209-03.59	STREAM MITIGATION - BRUSH MATTRESS	649.000	S.Y.
209-05	SEDIMENT REMOVAL	4,166.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	40,704.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	127,197.000	L.F.
209-08.05	ENHANCED SILT FENCE CHECK (V-DITCH)	10.000	EACH
209-08.07	ROCK CHECK DAM	426.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	299.000	EACH
209-08.09	FILTER SOCK CHECK DAM	10.000	EACH
209-09.01	SANDBAGS	29,347.000	BAG

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-09.03	SEDIMENT FILTER BAG (15' X 15')	17.000	EACH
209-09.04	SEDIMENT FILTER BAG(15' X 10')	47.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	3.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	1,783.000	S.Y.
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	3.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	595.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	341,968.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	3,595.364	TON
303-01.02	GRANULAR BACKFILL (BRIDGES)	3,994.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	1,329.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	67.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	2,370.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	21,723.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	48,425.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	61,775.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	597.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	234.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	11,181.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	3,630.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	32,611.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	16.400	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	7,829.000	TON
604-01.01	CLASS A CONCRETE (ROADWAY)	665.148	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	126,375.000	LB.
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	513.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	86,306.000	LB.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	774.000	L.F.

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	305.500	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	46.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	145.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	34.000	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	4.000	L.F.
607-16.05	45"X 29" HORIZONTAL OVAL CONCRETE PIPE CULVERT (CLASS__)	30.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	4,568.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	452.000	L.F.
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	53.000	L.F.
607-39.05	36" PIPE CULVERT (SIDE DRAIN)	36.000	L.F.
611-02.02	SPRING DRAIN BOX, TYPE 2A	1.000	EACH
611-02.11	JUNCTION BOX, TYPE 2	2.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	82.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	3,509.000	LB.
611-07.31	18IN ENDWALL (SIDE DRAIN)	182.000	EACH
611-07.32	24IN ENDWALL (SIDE DRAIN)	15.000	EACH
611-07.33	30IN ENDWALL (SIDE DRAIN)	4.000	EACH
611-07.34	36IN ENDWALL (SIDE DRAIN)	2.000	EACH
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	4.000	EACH
611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	3.000	EACH
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	19.000	EACH
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	8.000	EACH
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	4.000	EACH
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	2.000	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
611-07.67	42IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.70	48IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH



**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-28.02	CATCH BASINS, TYPE 28, > 4' - 8' DEPTH	3.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	1,947.000	L.F.
621-03.05	36" TEMPORARY DRAINAGE PIPE	85.000	L.F.
621-03.06	42" TEMPORARY DRAINAGE PIPE	95.000	L.F.
621-03.07	48" TEMPORARY DRAINAGE PIPE	246.000	L.F.
621-03.08	54" TEMPORARY DRAINAGE PIPE	329.000	L.F.
621-03.09	60" TEMPORARY DRAINAGE PIPE	1,499.000	L.F.
702-03	CONCRETE COMBINED CURB & GUTTER	25.000	C.Y.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	22,503.000	L.F.
705-06.02	W BEAM GR (TYPE 2) MASH TL-3 (LONG POST)	1,179.000	L.F.
705-06.10	GR TERMINAL TRAILING END (TYPE 13) MASH TL-3	71.000	EACH
705-06.11	GR TERMINAL (IN-LINE) MASH TL-3	63.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	36.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	19.000	EACH
706-01	GUARDRAIL REMOVED	11,377.560	L.F.
706-06.05	RADIUS RAIL LONG POST (6-9 FT)	1,886.000	L.F.
706-10.26	ROUNDED END ELEMENT	5.000	EACH
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (BARBED WIRE FENCE)	5,390.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	10,668.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	12.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	2,080.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	23,534.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	7,085.566	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	580.288	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	111,870.760	L.F.
710-05	LATERAL UNDERDRAIN	17,084.258	L.F.
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	579.000	EACH
711-05.70	32IN SINGLE SLOPE CONCRETE BARRIER WALL	400.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01.51	PORTABLE BARRIER RAIL DELINEATOR (DOUBLE)	60.000	EACH
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	600.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	6.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	2,571.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	1,286.000	EACH
712-06	SIGNS (CONSTRUCTION)	614.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	5,790.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	518.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	343.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	10.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
716-01.05	TEMPORARY RAISED PAVEMENT MARKER	3,420.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	1,399.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	1,399.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	345.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	35.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,321.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	75.000	EACH
716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	11.000	EACH
716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	6.000	EACH
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	44.000	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	2,092.000	L.F.

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	25.400	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	47.000	L.M.
717-01	MOBILIZATION	(1)	LS
722-01.02	FIELD OFFICE (TYPE 2)	(1)	LS
740-06.01	GEOMEMBRANE	11,269.152	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	23,850.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	18,049.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	28,369.000	L.F.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	59,816.000	L.F.
797-11.38	BY-PASS PUMPING	(1)	LS
801-01	SEEDING (WITH MULCH)	76.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	14,340.000	UNIT
801-01.08	SEEDING (SPECIAL MIXTURE) WITH MULCH	141.000	UNIT
801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	222.000	UNIT
801-01.38	NATVE SEED MX FINAL STABLIZATN OF SLOPES	159.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	7,842.000	UNIT
801-03	WATER (SEEDING & SODDING)	936.000	M.G.
802-12.02	ACER RUBRUM (RED MAPLE SEEDLNG B.R.)	655.000	EACH
802-12.04	ACER SACCHARUM (SUGAR MAPLE SEEDLNG B.R.)	655.000	EACH
802-12.07	BETULA NIGRA (RIVER BIRCH SEEDLNG B.R.)	655.000	EACH
802-12.12	CORNUS FLORIDA (FLOWERING DOGWOOD SEEDLNG B.R.)	374.000	EACH
802-12.15	FAGUS GRANDIFOLIA (BEECH SEEDLNG B.R.)	281.000	EACH
802-12.19	LIRIODENDRON TULIPIFERA (TULIP POPLAR SEEDLNG B.R.)	281.000	EACH
802-12.26	PLATANUS OCCIDENTALIS (SYCAMORE SEEDLNG B.R.)	655.000	EACH
802-12.37	QUERCUS PALUSTRIS (PIN OAK SEEDLNG B.R.)	655.000	EACH
802-12.39	QUERCUS RUBRA (NORTHERN RED OAK SEEDLNG B.R.)	374.000	EACH
802-16.01	SALIX NIGRA (BLACK WILLOW 3FT LIVE STAKES)	356.000	EACH

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
802-16.02	PHYSOCARPUS OPULIFOLIUS (NINEBARK 3FT LIVE STAKES)	356.000	EACH
802-16.03	CEPHALANTHUS OCCIDENTALIS (BUTTONBUSH 3FT LIVE STAKES)	356.000	EACH
802-16.04	CORNUS AMOMUM (SILKY DOGWOOD 3FT LIVE STAKES)	356.000	EACH
802-16.05	LINDERA BENZOIN (SPICEBUSH 3FT LIVE STAKES)	356.000	EACH
802-16.06	VIBURNUM DENTATUM (ARROWWOOD VIBURNUM 3FT LIVE STAKES)	356.000	EACH
805-01.01	TURF REINFORCEMENT MAT (CLASS I)	1,569.571	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	768,542.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	6,000.000	S.Y.
806-02.03	PROJECT MOWING	18.000	CYCL
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	640.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	126,375.000	LB.
790-01.04	POLE 30FT CLASS 5 WOOD	1.000	EACH
790-02.04	POLE 35FT CLASS 5 WOOD	3.000	EACH
790-03.01	POLE 40FT CLASS 2 WOOD	8.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	3.000	EACH
790-04.01	POLE 45FT CLASS 1 WOOD	5.000	EACH
790-04.03	POLE 45FT CLASS 3 WOOD	10.000	EACH
790-05.01	POLE 50FT CLASS 1 WOOD	15.000	EACH
790-06.01	POLE 55FT CLASS 1 WOOD	12.000	EACH
790-06.05	POLE 55 FT CLASS 1 METAL	1.000	EACH
790-06.08	POLE 55FT CLASS H2 METAL	1.000	EACH
790-07.01	POLE 60FT CLASS 1 WOOD	3.000	EACH
790-08.04	POLE 65FT CLASS H2 METAL	1.000	EACH
790-11.07	POLE 80FT CLASS H4 METAL	2.000	EACH
790-13.05	POLE 90FT CLASS H2 METAL	2.000	EACH
790-13.07	POLE 90FT CLASS H4 METAL	2.000	EACH
790-13.09	POLE 90FT CLASS H6 METAL	2.000	EACH
790-14.10	POLE 95FT CLASS H7 METAL	1.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-15.01	POLE 100FT CLASS H4 METAL	1.000	EACH
790-20.01	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (90FT CLASS H7 METAL)	1.000	EACH
790-20.02	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (95FT CLASS H9 METAL)	2.000	EACH
790-21.01	1PH SGL PRIMARY SUPPORT 15KV	4.000	EACH
790-21.05	1PH DBL PRIMARY SUPPORT 15KV	3.000	EACH
790-21.07	1PH PRIMARY LG ANGLE 15KV	3.000	EACH
790-21.08	1PH DEADEND 15KV	2.000	EACH
790-21.09	1PH PRIMARY TAP 15KV	20.000	EACH
790-21.10	1PH VERTICAL DDE 15KV	5.000	EACH
790-21.11	1PH CROSSARM DEADEND 15KV	3.000	EACH
790-25.10	3PH CROSSARM DBL PRIM SUPPORT 15KV	1.000	EACH
790-25.21	3PH CROSSARM DEADEND SGL 15KV	5.000	EACH
790-25.24	3PH CROSSARM DDE LRG COND 15KV	2.000	EACH
790-26.02	3PH CROSSARM DBL LRG COND 25KV	9.000	EACH
790-26.03	3PH CROSSARM SGL LRG COND 25KV	22.000	EACH
790-26.16	3PH XARM FBRGLS LRG COND MED ANGLE 25KV	4.000	EACH
790-26.18	3PH VERTICAL SM ANGLE SUSP BKT 25KV	2.000	EACH
790-26.22	3PH VERTICAL DDE ANGLE LRG COND 25KV	2.000	EACH
790-26.24	3PH VERTICAL DEAD END LRG COND 25KV	1.000	EACH
790-26.37	3PH XARM DBL 10FT LG COND NOX SM ANG 25KV	9.000	EACH
790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	181.000	L.F.
790-31.02	SERVICE ASSEMBLY-POLE TYPE	19.000	EACH
790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	8.000	EACH
790-32.06	DOWN GUY - INSULATED	62.000	EACH
790-32.07	OH GUY - THROUGH BOLT TYPE	1.000	EACH
790-32.23	GUY GUARD	63.000	EACH
790-33.31	SCREW TYPE ANCHOR 23,000LB (F1-5D-P)	58.000	EACH
790-33.32	SCREW TYPE ANCHOR 36,000LB (F1-6T-P)	4.000	EACH
790-36.04	TRANSFER SERVICE	12.000	EACH

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-36.10	TRANSFER - LIGHT ASSEMBLY	6.000	EACH
790-36.11	TRANSFER EXISTING 1PH TRANSFORMER/RECLOSER	1.000	EACH
790-36.14	TRANSFER CONDUCTOR	1.000	EACH
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	1,134.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	2,939.000	L.F.
790-40.13	OH COND 397.5 26/7 ACSR IBIS	7,263.000	L.F.
790-40.42	OH COND 336.4 19 AAC TULIP	807.000	L.F.
790-40.49	OH COND 795 37 AAC ARBUTUS	8,010.000	L.F.
790-40.73	OH PRI COND _____ (#2 6/1 ACSR SPARROW)	5,822.000	L.F.
790-40.76	OH STATIC COND _____ (3/8" 7STR HSS)	2,421.000	L.F.
790-46.03	1PH TRANSFORMER CONV W/XARM MTD FUSE & LA	14.000	EACH
790-60.01	1PH FUSE CUTOUT XARM MOUNT 15KV	19.000	EACH
790-65.03	LIGHTNING ARRESTER ARM MTD 9 KV	16.000	EACH
790-68.01	POLE GROUND ROD TYPE	32.000	EACH
790-68.02	POLE GROUND PLATE TYPE	29.000	EACH
790-68.10	MISCELLANEOUS ASSEMBLIES	6.000	EACH
790-68.11	DEAD END SHOE	4.000	EACH
790-68.13	SGL PHASE MOUNTING BRACKET - FIBERGLASS	11.000	EACH
790-69.11	GROUND-GROUND ROD FOR ST POLE	15.000	EACH
790-69.22	POLE TOP PIN	6.000	EACH
790-69.31	STICK PIN	1.000	EACH
790-69.32	ARM PIN	14.000	EACH
790-69.41	EXTENSION LINK - EPOXY -8FT	19.000	EACH
790-71.20	TANGENT HOR LN POSTS 69KV MAX	5.000	EACH
790-71.21	SML ANGLE HOR LINE POSTS 69KV MAX	4.000	EACH
790-71.29	MED VERT ANG 69KV MAX	2.000	EACH
790-71.33	DDE LRG VERT ANG 69KV MAX	2.000	EACH
790-72.07	GUY FACTORY FORMED WITH THIMBLE CLEVIS	18.000	EACH

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-72.15	MEDIUM DUTY GUYING TEE	14.000	EACH
790-98.01	REMOVE WIRE	12,085.000	L.F.
790-98.02	REMOVE POLES	75.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	325.000	EACH
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
793-01.08	POLE 35FT CLASS 5 WOOD	1.000	EACH
793-01.17	POLE 45FT CLASS 3 WOOD	2.000	EACH
793-01.41	ANCHOR 1IN	35.000	EACH
793-11.19	MARKER POST	25.000	EACH
793-11.25	CONCRETE HANDHOLE 4FT X 4FT X 4FT	21.000	EACH
793-11.58	REMOVE HANDHOLE	8.000	EACH
793-12.01	DIG SPLICE PIT 80 C.F.	9.000	EACH
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	3,295.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	24,410.000	L.F.
793-13.22	3 DUCT FORMATION @ 36IN DEPTH	850.000	L.F.
793-14.02	CONCRETE ENCASEMENT PER DUCT	2,560.000	L.F.
793-14.14	MULTI DUCT	26,020.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	1.000	EACH
795-01.01	4IN DIP RESTRAINED JOINT WATER LINE	702.000	L.F.
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	2,697.000	L.F.
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	2,439.000	L.F.
795-02.01	2IN HDPE WATER LINE	415.000	L.F.
795-03.02	2IN PVC WATER LINE	1,650.000	L.F.
795-03.04	4IN PVC WATER LINE	1,950.000	L.F.
795-05.16	HDD 4IN HDPE CASING PIPE-ROCK	200.000	L.F.
795-05.60	BORE/JACK 6IN STEEL CASING PIPE-UNCON.	165.000	L.F.
795-05.62	BORE/JACK 10IN STEEL CASING PIPE-UNCON.	130.000	L.F.
795-05.75	BORE/JACK 8IN STEEL CASING PIPE-ROCK.	255.000	L.F.
795-05.77	BORE/JACK 12IN STEEL CASING PIPE-ROCK.	330.000	L.F.
795-06.01	CONNECT TO 2IN WATER LINE	4.000	EACH

**Contract ID CNV257 - CAMPBELL & CLAIBORNE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-06.03	CONNECT TO 4IN WATER LINE	6.000	EACH
795-06.04	CONNECT TO 6IN WATER LINE	10.000	EACH
795-06.05	CONNECT TO 8IN WATER LINE	4.000	EACH
795-06.31	CUT AND CAP 2IN WATER LINE	4.000	EACH
795-06.32	CUT AND CAP 4IN WATER LINE	4.000	EACH
795-06.33	CUT AND CAP 6IN WATER LINE	9.000	EACH
795-06.34	CUT AND CAP 8IN WATER LINE	3.000	EACH
795-07.02	6IN X 4IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-08.01	2IN GATE VALVE ASSEMBLY	6.000	EACH
795-08.03	4IN GATE VALVE ASSEMBLY	6.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	9.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	3.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	33.000	EACH
795-09.25	TI OF 2IN HDPE CASING FOR SERVICE PIPE-ROCK	964.000	L.F.
795-09.28	3/4IN COPPER SERVICE PIPE	1,800.000	L.F.
795-09.29	1IN COPPER SERVICE PIPE	592.000	L.F.
795-10.03	1IN AUTO AIR RELEASE VALVE ASSEMBLY	4.000	EACH
795-10.31	2IN BLOW-OFF ASSEMBLY	1.000	EACH
795-11.01	BLOW-OFF ASSEMBLY	4.000	EACH
795-11.02	FIRE HYDRANT ASSEMBLY	2.000	EACH
795-11.12	RETIRE IN PLACE EXISTING WATER MAIN	7,616.000	L.F.
795-12.01	REMOVE FIRE HYDRANT	2.000	EACH
795-13.01	DI FITTINGS	2,239.000	LB.
795-14.05	CONCRETE ENCASEMENT	15.000	L.F.
795-14.08	RESTORE ASPHALT	896.000	S.Y.
795-14.09	RESTORE CONCRETE	500.000	S.Y.
795-14.10	RESTORE GRAVEL	534.000	S.Y.
795-15.24	10IN STEEL CASING PIPE OPEN CUT METHOD	150.000	L.F.

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



**Contract ID CNV343 - COCKE**

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**Contract ID:** CNV343

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 15100-8106-44

NH-I-40-8(181)

**Counties:** COCKE

**District:**

**DBE Goal Percent:** 6.00

**Description:** The resurfacing on I-40 from the Jefferson County line (L.M. 0.00) to near U.S. 321 (S.R. 32) (L.M. 6.01).

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

Item No.	Description	Quantity	Units
201-01	CLEARING AND GRUBBING	(1)	LS
208-01.05	BROOMING & DEGRASSING SHOULDERS	28.000	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	346.000	TON
307-03.09	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING C	15,201.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	166.000	TON
411-03.23	ACS MIX (PG76-22) OGFC	10,969.000	TON
411-03.28	ACS MIX (PG76-22) OGFC GRADING E SHOULDER	5,348.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	24.000	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	15,598.000	TON
502-08.01	RESEALING JOINTS (HOT POURED ELASTIC)	12,010.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	100.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	3,156.000	S.F.
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	3.000	EACH
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	10.000	EACH

**Contract ID CNV343 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	350.000	HOUR
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	895.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	440.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	35.000	L.F.
716-05.49	PAINTED PAVEMENT MARKINGS(8" LINE)	35.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1,685.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	3,535.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	355.000	L.F.
716-12.08	ENHANCED FLAT LINE THERMO (12IN BARRIER LINE)	990.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	40.000	L.F.
730-14.02	SAW SLOT	500.000	L.F.
730-14.03	LOOP WIRE	1,200.000	L.F.

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

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

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**Contract ID:** CNV300

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 18008-3231-14  
 18008-4232-04  
 25001-3294-14

STP/HPP/NH-28(38)  
 NA  
 STP/HPP/NH-28(38)

**Counties:** CUMBERLAND, FENTRESS

**District:**

**DBE Goal Percent:** 8.00

**Description:** The widening on U.S. 127 (S.R. 28) from near North Lowe Road in Cumberland County (L.M. 29.18) to north of S.R. 62 in Fentress County (L.M. 1.87), including repair of the bridge at L.M. 30.50 in Cumberland County.

**Contract Time:** DT - 8/31/2026

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
108-03	CPM PROJECT SCHEDULE	(1)	LS
109-10.01	TRAINEE	6,280.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	2.000	EACH
202-02.21	REMOVAL OF PIPE (DESCRIPTION) (DESCRIPTION)	134.000	L.F.
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 22)	(1)	LS
202-06.02	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 25)	(1)	LS
202-06.03	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 28)	(1)	LS
202-06.04	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 36)	(1)	LS
202-06.05	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 37)	(1)	LS
202-06.06	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 41)	(1)	LS

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-06.07	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 42)	(1)	LS
202-06.08	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 44)	(1)	LS
202-06.09	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 45)	(1)	LS
202-06.10	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 47)	(1)	LS
202-06.11	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 49)	(1)	LS
202-06.12	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 53)	(1)	LS
202-06.13	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 54)	(1)	LS
202-06.14	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 55)	(1)	LS
202-06.15	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 70)	(1)	LS
202-06.16	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 71)	(1)	LS
202-06.17	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 75)	(1)	LS
202-06.18	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 76)	(1)	LS
202-06.19	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 80)	(1)	LS
202-06.20	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 81)	(1)	LS
202-06.21	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 82)	(1)	LS
202-06.22	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 87)	(1)	LS
202-06.23	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 88)	(1)	LS
202-06.24	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 89)	(1)	LS
202-06.25	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 90)	(1)	LS

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-06.26	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 95)	(1)	LS
202-06.27	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 96)	(1)	LS
202-06.28	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 99)	(1)	LS
202-06.29	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 103)	(1)	LS
202-06.30	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 105)	(1)	LS
202-06.31	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 111)	(1)	LS
202-06.32	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 112A)	(1)	LS
202-06.33	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 387)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	481,756.000	C.Y.
203-01.07	RD & DRNG EXCV (ACID PRODUCING- OFF SITE DISPOSAL)	26.200	C.Y.
203-01.08	RD & DRNG EXCV (ACID PRODUCING- ON SITE DISPOSAL)	102,402.000	C.Y.
203-01.11	PRESPLITTING OF ROCK EXCAVATION	14,339.000	S.Y.
203-01.13	ROAD & DRAINAGE EXCAVATION (STREAM MITIGATION)	163.000	C.Y.
203-01.29	ROCK EXCAVATION	429,280.000	C.Y.
203-01.60	ROAD & DRAINAGE EXCAVATION (DESCRIPTION) (HAUL ROAD SURFACE)	1,630.000	C.Y.
203-01.61	ROAD & DRAINAGE EXCAVATION (DESCRIPTION) (HAUL ROAD EMBANKMENT)	63,219.000	C.Y.
203-01.79	EXCAVATION/BACKFILL	6,707.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	57,942.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	51,131.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	14,707.000	C.Y.
203-05	UNDERCUTTING	45,000.000	C.Y.
203-06	WATER	8,085.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	4,940.000	C.Y.

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
204-08	FOUNDATION FILL MATERIAL	79.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	46.000	C.Y.
209-02.04	10" TEMPORARY SLOPE DRAIN	50.000	L.F.
209-02.05	12" TEMPORARY SLOPE DRAIN	98.000	L.F.
209-02.06	15" TEMPORARY SLOPE DRAIN	32.000	L.F.
209-02.07	18" TEMPORARY SLOPE DRAIN	425.000	L.F.
209-03.22	FILTER SOCK (18 INCH)	3,157.000	L.F.
209-03.55	STREAM MITIGATION (DESCRIPTION) (GROUND WATER DAM)	3.000	EACH
209-03.57	STREAM MITIGATION (DESCRIPTION) (HEADWATER TREATMENT)	1,878.000	L.F.
209-03.99	PROTECTED AREA MARKER (WHITE WITH DECAL)	67.000	EACH
209-05	SEDIMENT REMOVAL	2,721.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	22,236.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	9,418.000	L.F.
209-08.07	ROCK CHECK DAM	319.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	46.000	EACH
209-09.01	SANDBAGS	140.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	8.000	EACH
209-09.04	SEDIMENT FILTER BAG(15' X 10')	1.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	83.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	19.000	S.Y.
209-40.32	CATCH BASIN PROTECTION (TYPE C)	1.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	4.000	EACH
209-40.34	CATCH BASIN PROTECTION (TYPE E)	1.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	4.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	38.000	EACH
209-40.43	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	6.000	EACH
209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	4.000	EACH
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	6.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	31.000	EACH

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	4.000	EACH
209-65.01	TEMPORARY STREAM DIVERSION (DESCRIPTION) (PUMP AROUND)	(1)	LS
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	77,022.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	1,414.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	1,117.000	TON
303-10.02	MINERAL AGGREGATE (SIZE 2)	2,850.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	2,422.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	12,057.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	15,746.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	10,469.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	167.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	413.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	52.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	1,905.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	1,609.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	5,918.000	TON
604-01.01	CLASS A CONCRETE (ROADWAY)	95.160	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	19,520.000	LB.
604-02.03	EPOXY COATED REINFORCING STEEL	26,514.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	342.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	1,526.000	S.Y.
604-07.01	RETAINING WALL (DESCRIPTION) (R1)	5,100.000	S.F.
604-07.02	RETAINING WALL (DESCRIPTION) (HRW-1)	15,813.000	S.F.
604-07.03	RETAINING WALL (DESCRIPTION) (HRW-2)	936.000	S.F.
604-07.04	RETAINING WALL (DESCRIPTION) (HRW-3)	17,100.000	S.F.
604-07.05	RETAINING WALL (DESCRIPTION) (HRW-4)	4,054.000	S.F.
604-07.06	RETAINING WALL (DESCRIPTION) (HRW-5)	3,699.000	S.F.
604-07.28	RETAINING WALL EXCAVATION	1,542.000	C.Y.

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	7,658.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	1,637.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	1,097.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	448.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	221.000	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	322.000	L.F.
607-13.03	72" CONCRETE PIPE CULVERT (CLASS III)	237.000	L.F.
607-20.01	18" CROSSDRAIN PIPE CULVERT(COLLECTORS & LOCAL ROADS)	450.000	L.F.
607-20.02	24" CROSSDRAIN PIPE CULVERT(COLLECTORS & LOCAL ROADS)	80.000	L.F.
607-20.03	30" CROSSDRAIN PIPE CULVERT(COLLECTORS & LOCAL ROADS)	174.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	775.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	129.000	L.F.
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	81.000	L.F.
607-39.05	36" PIPE CULVERT (SIDE DRAIN)	28.000	L.F.
607-50.12	PRECAST CONCRETE BOX CULVERT (SIZE) (6' X 6')	122.000	L.F.
607-57.03	REINFORCED CONCRETE PIPE ARCH (36" X 23")	230.000	L.F.
610-07.03	18" PIPE DRAIN (BRIDGE DRAIN)	205.000	L.F.
611-01.02	MANHOLES, > 4' - 8' DEPTH	3.000	EACH
611-01.03	MANHOLES, > 8' - 12' DEPTH	6.000	EACH
611-01.04	MANHOLES, > 12' - 16' DEPTH	1.000	EACH
611-01.07	MANHOLES, > 24' - 28' DEPTH	1.000	EACH
611-02.11	JUNCTION BOX, TYPE 2	1.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	176.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	15,574.000	LB.
611-07.03	STRUCTURAL STEEL (PIPE ENDWALLS)	7,155.000	LB.
611-07.31	18IN ENDWALL (SIDE DRAIN)	38.000	EACH
611-07.32	24IN ENDWALL (SIDE DRAIN)	9.000	EACH
611-07.33	30IN ENDWALL (SIDE DRAIN)	5.000	EACH



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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.34	36IN ENDWALL (SIDE DRAIN)	2.000	EACH
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	7.000	EACH
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-07.62	30IN ENDWALL (CROSS DRAIN) 6:1	6.000	EACH
611-07.65	36IN ENDWALL (CROSS DRAIN) 6:1	2.000	EACH
611-07.71	48IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	7.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	62.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	11.000	EACH
611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	7.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	4.000	EACH
611-42.04	CATCH BASINS, TYPE 42, > 12' - 16' DEPTH	3.000	EACH
621-03.01	15" TEMPORARY DRAINAGE PIPE	164.000	L.F.
621-03.02	18" TEMPORARY DRAINAGE PIPE	25.000	L.F.
621-03.03	24" TEMPORARY DRAINAGE PIPE	599.000	L.F.
621-03.04	30" TEMPORARY DRAINAGE PIPE	49.000	L.F.
701-01.01	CONCRETE SIDEWALK (4 ")	71,640.000	S.F.
701-02	CONCRETE DRIVEWAY	5,720.000	S.F.
701-02.03	CONCRETE CURB RAMP	3,312.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	900.000	C.Y.
705-01.01	GUARDRAIL AT BRIDGE ENDS	81.000	L.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	3.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	902.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	3.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	4.000	EACH
705-20.20	LOW MAINT CRASH CUSHN NARROW (MASH TL-3)	2.000	EACH
706-02.01	GUARDRAIL REMOVED AND RESET	165.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	6,876.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	190.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
709-05.05	MACHINED RIP-RAP (CLASS A-3)	904.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	2,284.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	1,918.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	194.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	5,082.000	L.F.
710-04	FILTER CLOTH UNDERDRAIN (WITH PIPE)	7,135.000	L.F.
710-05	LATERAL UNDERDRAIN	75.000	L.F.
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	7.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	5.000	EACH
711-05.71	51IN SINGLE SLOPE CONCRETE BARRIER WALL	277.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	1,224.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	328.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	24.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	28.000	EACH
712-06	SIGNS (CONSTRUCTION)	964.960	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	245.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	4.000	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	451.000	LB.
713-02.04	DELINEATOR (MILE MARKER) & STEEL POST	3.000	EACH
713-02.26	CONCRETE BARRIER/PARAPET DELINEATOR	3.000	EACH
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	627.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	3,590.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	321.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	1,947.000	S.F.
713-14.22	STREET NAME SIGN (SUSPENDED 0.100IN THICK)	4.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	534.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	302.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	41.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	1,214.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	561.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	40.000	EACH
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	337.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	14.000	S.F.
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	20.270	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	1,986.000	L.F.
716-09.33	6 INCH DOTTED LINE	601.000	L.F.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	13.500	L.M.
716-13.03	SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)	1,986.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	8.000	EACH
730-03.20	INSTALL PULL BOX (TYPE A)	6.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	12.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	1,835.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	2,485.000	L.F.
730-09.20	SPAN WIRE ASSEMBLY	540.000	L.F.
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	540.000	L.F.
730-12.01	CONDUIT 1" DIAMETER (PVC)	1,615.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	430.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-13.03	VEHICLE DETECTOR (4 - CHANNEL, RACK MOUNT)	3.000	EACH
730-14.01	SHIELDED DETECTOR CABLE	5,045.000	L.F.
730-14.02	SAW SLOT	1,192.000	L.F.
730-14.03	LOOP WIRE	3,640.000	L.F.
730-15.30	CABINET (FOUR PHASE POLE MOUNTED)	1.000	EACH
730-16.04	CONTROLLER (ATC)	1.000	EACH
730-23.01	STEEL STRAIN POLE (SIGNAL SUPPORT)	4.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	8.000	EACH
740-06.01	GEOMEMBRANE	435.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	106,406.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	38,822.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	1,015.000	L.F.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	1,910.000	L.F.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	7,807.000	L.F.
740-11.05	TEMPORARY SEDIMENT TUBE 24IN	545.000	L.F.
801-01	SEEDING (WITH MULCH)	36.000	UNIT
801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	1,008.000	UNIT
801-01.04	SEEDING (WILDFLOWER MIXTURE)	543.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	2,730.000	UNIT
801-01.30	COVER CROP SEED MIX (RIPZN/FLPL) W/MULCH	543.000	UNIT
801-01.34	GRASS SEED MIX (RIPZN/FLPL)	149.000	UNIT
801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	543.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	2,017.000	UNIT
801-03	WATER (SEEDING & SODDING)	6,566.000	M.G.
801-07	SEED (SUPPLEMENTAL APPLICATION)	62.100	LB.
802-01.10	TREES (DESCRIPTION) (QUERCUS VELUTINA)	950.000	EACH
802-02.30	CUTTINGS: SALIX NIGRA (18IN-24IN LENGTH)	1,089.000	EACH
802-02.31	CUTTINGS: SALIX SERICEA (18IN-24IN)	1,089.000	EACH
802-02.32	CUTTINGS: CORNUS AMOMUM (18IN-24IN)	1,089.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
802-02.37	CUTTINGS: ALNUS SERRULATA (18IN-24IN)	1,089.000	EACH
802-11.02	ACER RUBRUM (RED MAPLE 2-5FT CNTNR GRWN)	944.000	EACH
802-11.08	CARYA GLABRA (PIGNUT HICKORY 2-5FT CNTNR GRWN)	345.000	EACH
802-11.12	CORNUS FLORIDA (FLOWERING DOGWOOD 2-5FT CNTNR GRWN)	345.000	EACH
802-11.21	NYSSA SYLVATICA (BLCKGUM 2-5FT CNTNR GRWN)	345.000	EACH
802-11.28	PRUNUS SEROTINA (BLACK CHERRY 2-5FT CNTNR GRWN)	345.000	EACH
802-11.29	QUERCUS ALBA (WHITE OAK 2-5FT CNTNR GRWN)	950.000	EACH
802-11.45	CARPINUS CAROLINIANA (AMERICAN HORNBEAM 2-5FT CONTAINER GR)	599.000	EACH
802-12.63	HAMAMELIS VIRGINIANA (AMERICAN WITCHHAZEL SEEDLING B.R.)	533.000	EACH
802-13.15	PHYSOCARPUS OPULIFOLIUS (NINEBARK) 2-5FT C.G.	533.000	EACH
802-13.16	CORYLUS AMERICANA (HAZELNUT) 2-5FT C.G.	540.000	EACH
802-13.63	VACCINIUM STAMINEUM (DEERBERRY SDLNG B.R.)	540.000	EACH
803-01	SODDING (NEW SOD)	28,639.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	91,735.000	S.Y.
805-12.03	EROSION CONTROL BLANKET (TYPE III)	16,665.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	6,280.000	S.Y.
806-02.03	PROJECT MOWING	12.000	CYCL
930-08.26	LOADING TEST (SOIL NAILS)	103.000	EACH
201-05.31	VEGETATION REMOVAL	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BR. NO. 18-SR028-30.50)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	522.000	C.Y.
204-05.01	CORE DRILLING AND SAMPLING	550.000	L.F.
204-06.01	FLOWABLE FILL (GENERAL)	5.000	C.Y.
204-14	CORE DRILLING FOR PILES(ROCK)	123.000	L.F.
204-15	CORE DRILLING FOR PILES(SOIL)	45.000	L.F.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	300.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
303-01.02	GRANULAR BACKFILL (BRIDGES)	75.000	TON
602-04.01	STEEL STRUCTURES (LOCATION & DESCRIPTION) (WELDED PLATE GIRDER, 118" WEB)	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	1,316,986.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	2,700.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	576,044.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	431.000	S.Y.
604-03.32	CLASS DS CONCRETE	3,665.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	6,238.000	S.Y.
604-04.03	BRIDGE END DRAINS(2'X8')	2.000	EACH
604-04.41	THREE STAR STATE EMBLEM	3.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	13,284.000	S.Y.
604-10.05	CONCRETE	103.000	S.F.
604-10.24	JACKING CONCRETE SPANS	(1)	LS
604-10.54	CONCRETE REPAIRS	262.000	S.F.
604-10.58	EPOXY INJECTION (INJECTION)	2.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	30.000	L.F.
604-10.83	COMPOSITE FIBER ENCASMENT	56.000	S.F.
604-11.01	EXPANSION DEVICE (DESCRIPTION) (AT ABUTMENT NO. 1)	83.000	L.F.
604-11.02	EXPANSION DEVICE (DESCRIPTION) (AT ABUTMENT NO. 2)	84.000	L.F.
606-03.03	STEEL PILES (12 INCH)	3,954.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	100.000	EACH
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	2,954.000	L.F.
621-05.02	TEMPORARY SHORING	(1)	LS
625-01.11	CAMERA INSPECTION - DRILLED SHAFT (UNDERWATER)	8.000	EACH
625-02.01	DRILLED SHAFT-SOIL (DIA.) (10'-0" DIA.)	69.000	V.F.
625-02.13	DRILLED SHAFT-ROCK (DIA.) (9'-6" DIA./10'-0" DIA.)	321.000	V.F.
625-02.25	DRILLED SHAFT CASING-PERMANENT (DIA.) (10'-0" INSIDE DIA.)	94.000	V.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
625-02.40	DRILLED SHAFT (SH-SCC) CONCRETE	1,049.000	C.Y.
625-02.44	DRILLED SHAFT REINFORCING STEEL	201,331.000	LB.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	262.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	68.000	L.F.
711-05.74	CONC MEDIAN BARR SING SLOPE (STD-1-3SS)	1,473.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	10.000	EACH
712-06	SIGNS (CONSTRUCTION)	144.000	S.F.
713-16.04	CHANGEABLE MESSAGE SIGN UNIT (DESCRIPT) (SEE PLANS)	2.000	EACH
717-01	MOBILIZATION	(1)	LS
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	200.000	L.F.
790-01.05	POLE 30FT CLASS 6 WOOD	1.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	10.000	EACH
790-04.02	POLE 45FT CLASS 2 WOOD	9.000	EACH
790-04.03	POLE 45FT CLASS 3 WOOD	6.000	EACH
790-05.02	POLE 50FT CLASS 2 WOOD	8.000	EACH
790-05.03	POLE 50FT CLASS 3 WOOD	10.000	EACH
790-05.08	POLE 50FT CLASS H2 METAL	12.000	EACH
790-06.02	POLE 55FT CLASS 2 WOOD	2.000	EACH
790-06.03	POLE 55FT CLASS 3 WOOD	3.000	EACH
790-06.08	POLE 55FT CLASS H2 METAL	3.000	EACH
790-07.02	POLE 60FT CLASS 2 WOOD	2.000	EACH
790-07.08	POLE 60FT CLASS H2 METAL	1.000	EACH
790-08.01	POLE 65FT CLASS 2 WOOD	1.000	EACH
790-09.05	POLE 70FT CLASS H2 METAL	1.000	EACH
790-22.11	1PH DDE ANGLE 25KV	1.000	EACH
790-22.13	1PH DEAD END 25KV	1.000	EACH
790-22.15	1PH DEAD END TAP W/ EXTENSION 25KV	3.000	EACH
790-22.16	1PH DDE TANGENT 25KV	2.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-22.18	1PH SGL DEAD END XARM 25KV	25.000	EACH
790-22.19	1PH CROSSARM DBL TANGENT 25KV	1.000	EACH
790-24.08	2PH DEAD END CROSSARM 25KV	3.000	EACH
790-24.10	2PH DDE XARM 25KV	1.000	EACH
790-26.01	3PH CROSSARM 25KV	5.000	EACH
790-26.02	3PH CROSSARM DBL LRG COND 25KV	19.000	EACH
790-26.03	3PH CROSSARM SGL LRG COND 25KV	3.000	EACH
790-26.12	3PH CROSSARM DBL SM ANGLE 25KV	1.000	EACH
790-26.15	3PH XARM DBL 10FT LRG COND SM ANGLE 25KV	8.000	EACH
790-26.25	3PH CROSSARM DDE 25KV	1.000	EACH
790-26.26	3PH CROSSARM DEAD END 25KV	17.000	EACH
790-26.28	3PH DBL 10FT XARM DDE 25KV	11.000	EACH
790-26.29	3PH DDE UNBALANCED LOAD 25KV	1.000	EACH
790-30.02	SECONDARY ASSEMBLIES LRG ANGLE	4.000	EACH
790-30.03	SECONDARY ASSEMBLIES DEADEND	4.000	EACH
790-30.06	SECONDARY CONDUCTOR 6 AL DUPLEX	624.000	L.F.
790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	992.000	L.F.
790-31.02	SERVICE ASSEMBLY-POLE TYPE	39.000	EACH
790-31.11	SERVICE CONDUCTOR 2 AL TRIPLEX	689.000	L.F.
790-31.19	SERVICE CONDUCTOR 2 AL QPLEX	136.000	L.F.
790-32.01	DOWN GUY - THROUGH BOLT TYPE	5.000	EACH
790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	7.000	EACH
790-32.06	DOWN GUY - INSULATED	70.000	EACH
790-32.07	OH GUY - THROUGH BOLT TYPE	1.000	EACH
790-32.08	OH GUY - THROUGH BOLT TYPE HEAVY DUTY	2.000	EACH
790-32.23	GUY GUARD	77.000	EACH
790-33.04	SCREW TYPE ANCHOR 10,000LB-12,000LB	1.000	EACH
790-33.11	SERVICE ANCHOR SCREW TYPE	1.000	EACH
790-33.18	ROCK ANCHOR GUY BOLT TYPE	70.000	EACH
790-36.02	TRANSFER CAPACITOR BANK	1.000	EACH



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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	24,330.000	L.F.
790-40.42	OH COND 336.4 19 AAC TULIP	26,699.000	L.F.
790-41.13	UG PRI COND 1/0 AL 25KV	1,431.000	L.F.
790-41.47	UG SEC COND 2/0 AL TPLX	104.000	L.F.
790-41.49	UG SEC COND 4/0 AL TPLX	68.000	L.F.
790-41.58	UG SEC COND 4/0 AL QPLX	166.000	L.F.
790-43.59	SECONDARY RISER (DESCRIPTION) (FOR SERVICES)	5.000	EACH
790-43.60	PRIMARY RISER (DESCRIPTION) (3PH W/CONDUIT)	3.000	EACH
790-46.02	1PH TRANSFORMER CONV W/POLE MTD FUSE & LA	7.000	EACH
790-46.03	1PH TRANSFORMER CONV W/XARM MTD FUSE & LA	12.000	EACH
790-47.02	2PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	3.000	EACH
790-49.02	3PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	1.000	EACH
790-52.01	1.5KVA 1PH OH XFORMER 7.2KV 120/240	1.000	EACH
790-52.03	10KVA 1PH OH XFORMER 7.2KV 120/240	7.000	EACH
790-52.05	15KVA 1PH OH XFORMER 7.2KV DUAL VOLTAGE	12.000	EACH
790-52.08	25KVA 1PH OH XFORMER 7.2KV DUAL VOLTAGE	5.000	EACH
790-52.12	50KVA 1PH OH XFORMER 7.2KV DUAL VOLTAGE	2.000	EACH
790-61.01	1PH FUSE CUTOOUT XARM MOUNT 25KV	1.000	EACH
790-61.03	1PH SECTIONALIZERS OR RECLOSER 25KV	1.000	EACH
790-61.10	3PH SECTLR OR RECL W/ BYPASS SW 25KV	1.000	EACH
790-62.03	1PH HYDR RECL 50A CONT 1250A INT 15KV	1.000	EACH
790-62.11	3PH HYDR RECL 100A CONT 2000A INT 15KV	1.000	EACH
790-64.01	SEC MTG 1PH 120/240 VOLTS	1.000	EACH
790-65.16	3PH CAPACITOR ASSEMBLY SWITCHED 15KV	1.000	EACH
790-69.09	GND-ASSY GND ROD WITH ALUMINUM	51.000	EACH
790-69.32	ARM PIN	1.000	EACH
790-70.10	FLOOD LIGHT	3.000	EACH
790-70.22	STREET LIGHT (DESCRIPTION) (70W LED)	8.000	EACH
790-98.01	REMOVE WIRE	73,163.000	L.F.

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-98.02	REMOVE POLES	82.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	600.000	EACH
791-01.04	4IN STEEL GAS MAIN	95.000	L.F.
791-01.06	8IN STEEL GAS MAIN	5,080.000	L.F.
791-01.09	(_)IN STEEL GAS MAIN (1IN)	3,020.000	L.F.
791-04.22	HDD 4IN STEEL PIPE - UNCONSOLIDATED	130.000	L.F.
791-04.24	HDD 8IN STEEL PIPE - UNCONSOLIDATED	220.000	L.F.
791-06.32	CONNECT TO 4IN EX. STL MAIN W/ STOPPLE	4.000	EACH
791-06.38	CONNECT TO _IN EX. STL MAIN W/ STOPPLE (1IN)	2.000	EACH
791-07.10	4IN STEEL GAS VALVE ASSEMBLY	2.000	EACH
791-07.12	8IN STEEL GAS VALVE ASSEMBLY	2.000	EACH
791-07.21	EXCESS FLOW VALVE (EFV)	16.000	EACH
791-08.02	3/4IN SERVICE ASSEMBLY	16.000	EACH
791-08.12	3/4IN STEEL SERVICE PIPE	565.000	L.F.
791-08.22	HDD 3/4IN STEEL SERVICE PIPE	360.000	L.F.
791-08.23	HDD 1IN STEEL SERVICE PIPE	60.000	L.F.
791-08.41	GAS MAIN REMOVAL	1,115.000	L.F.
791-10.01	RETIRE IN PLACE 3/4IN SERV CUT & PLUG	16.000	EACH
791-10.10	RETIRE GAS MAIN	(1)	LS
793-01.01	POLE 30FT CLASS 4 WOOD	4.000	EACH
793-01.02	POLE 30FT CLASS 5 WOOD	1.000	EACH
793-01.07	POLE 35FT CLASS 4 WOOD	2.000	EACH
793-01.12	POLE 40FT CLASS 4 WOOD	2.000	EACH
793-01.40	ANCHOR 3/4IN	34.000	EACH
793-01.99	INSTALL POLE NUMBER	17.000	EACH
793-02.08	GUY WIRE 10M OR 3/8IN	38.000	EACH
793-02.92	OVERHEAD GUY WIRE (DESCRIPTION) (3/8IN)	3.000	EACH
793-02.99	INSTALL GUY GUARD	36.000	EACH
793-03.01	25 PAIR GROUP AERIAL SPLICE	406.000	EACH
793-03.03	10M STRAND	10,344.000	L.F.

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-03.12	50 PAIR CABLE	588.000	L.F.
793-03.14	100 PAIR CABLE	702.000	L.F.
793-03.15	150 PAIRCABLE	1,962.000	L.F.
793-03.40	INSTALL STRAND BOND	40.000	EACH
793-04.01	RELASH/DELASH CABLE	2,094.000	L.F.
793-04.06	READY ACCESS CLOSURE	7.000	EACH
793-04.07	AERIAL SPLICE CLOSURE	25.000	EACH
793-04.21	3 PAIR AERIAL DROP	956.000	L.F.
793-04.25	HOT SPLICE EXISTING CABLES	337.000	EACH
793-07.01	12 FIBER (MATERIAL ONLY)	3,826.000	L.F.
793-07.02	24 FIBER(MATERIAL ONLY)	7,090.000	L.F.
793-07.03	36 FIBER(MATERIAL ONLY)	1,650.000	L.F.
793-07.04	48 FIBER(MATERIAL ONLY)	10,412.000	L.F.
793-07.05	96 FIBER(MATERIAL ONLY)	6,172.000	L.F.
793-07.07	144 FIBER(MATERIAL ONLY)	3,372.000	L.F.
793-07.09	216 FIBER(MATERIAL ONLY)	1,750.000	L.F.
793-07.12	432 FIBER(MATERIAL ONLY)	1,304.000	L.F.
793-07.16	12-96 FIBER(INSTALLATION ONLY)	12,822.000	L.F.
793-07.17	108-144 FIBER(INSTALLATION ONLY)	658.000	L.F.
793-07.25	SINGLE FIBER OPTIC CABLE SPLICE	885.000	EACH
793-07.31	SINGLE FIBER AERIAL DROP	2,000.000	L.F.
793-07.90	INSTALL FIBER STORAGE BRACKET	6.000	EACH
793-10.02	BURIED CABLE @ 36IN DEPTH	11,538.000	L.F.
793-10.08	BURIED CABLE @ ___IN DEPTH	3,258.000	L.F.
793-11.08	10IN PEDESTAL	17.000	EACH
793-11.10	12IN PEDESTAL	5.000	EACH
793-11.13	BURIED RISER GUARD	42.000	EACH
793-11.24	HANDHOLE 36INX60INX36IN	2.000	EACH
793-11.36	3 PAIR BURIED DROP	420.000	L.F.
793-11.50	REARRANGE EXISTING SPLICE CASE	10.000	EACH

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-11.51	REARRANGE WORKING FIBER SPLICE	773.000	EACH
793-12.02	REARRANGEMENT EXISTING CABLE	4.000	EACH
793-12.07	400 PAIR UG CABLE	40.000	L.F.
793-12.18	UG CABLE(DESCRIPTION) (SEBO(12)	490.000	L.F.
793-13.09	2IN SCHEDULE 40 PVC	40.000	L.F.
793-13.10	3IN SCHEDULE 40 PVC	80.000	L.F.
793-15.01	TRANSFER CABLE ATTACHMENT	24.000	EACH
793-15.02	TRANSFER DROP ATTACHMENT	25.000	EACH
793-15.04	TRANSFER DOWN GUY ATTACHMENT	1.000	EACH
793-15.06	CARRIER SITE PREPARATION	1.000	EACH
793-15.07	PAD MOUNTED CARRIER	1.000	EACH
793-16.02	DIRECTIONAL BORE 2IN/FLEX SLEEVE	6,138.000	L.F.
793-16.03	DIRECTIONAL BORE 3IN/FLEX SLEEVE	820.000	L.F.
793-98.01	REMOVE AERIAL CABLE AND WIRE	25,171.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	77.000	EACH
793-98.06	REMOVE PEDESTALS	23.000	EACH
793-98.08	REMOVE ANCHOR (ANY SIZE)	43.000	EACH
793-98.09	REMOVE DOWN GUY	62.000	EACH
793-98.21	TRIM UTILITY RIGHT-OF-WAY	450.000	L.F.
795-01.01	4IN DIP RESTRAINED JOINT WATER LINE	400.000	L.F.
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	248.000	L.F.
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	121.000	L.F.
795-03.02	2IN PVC WATER LINE	7,039.000	L.F.
795-03.04	4IN PVC WATER LINE	3,517.000	L.F.
795-03.05	6IN PVC WATER LINE	7,756.000	L.F.
795-03.08	12IN PVC WATER LINE	875.000	L.F.
795-05.63	BORE/JACK 12IN STEEL CASING PIPE-UNCON.	75.000	L.F.
795-05.77	BORE/JACK 12IN STEEL CASING PIPE-ROCK.	190.000	L.F.
795-06.03	CONNECT TO 4IN WATER LINE	6.000	EACH
795-06.04	CONNECT TO 6IN WATER LINE	10.000	EACH

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-06.07	CONNECT TO 12IN WATER LINE	3.000	EACH
795-07.01	4IN X 4IN TAPPING SLEEVE AND VALVE	5.000	EACH
795-07.03	6IN X 6IN TAPPING SLEEVE AND VALVE	7.000	EACH
795-07.15	12IN X 12IN TAPPING SLEEVE AND VALVE	1.000	EACH
795-07.30	INSERTION VALVE (4IN)	2.000	EACH
795-07.31	INSERTION VALVE (6IN)	5.000	EACH
795-08.01	2IN GATE VALVE ASSEMBLY	8.000	EACH
795-08.03	4IN GATE VALVE ASSEMBLY	8.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	11.000	EACH
795-08.09	12IN GATE VALVE ASSEMBLY	3.000	EACH
795-09.01	3/4IN WATER SERVICE METER ASSEMBLY	16.000	EACH
795-09.02	1IN WATER SERVICE METER ASSEMBLY	2.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	19.000	EACH
795-09.10	SAMPLE TAP	10.000	EACH
795-09.19	3/4IN PVC SERVICE PIPE	444.000	L.F.
795-09.20	1IN PVC SERVICE PIPE	1,893.000	L.F.
795-10.03	1IN AUTO AIR RELEASE VALVE ASSEMBLY	4.000	EACH
795-11.01	BLOW-OFF ASSEMBLY	6.000	EACH
795-11.02	FIRE HYDRANT ASSEMBLY	1.000	EACH
795-12.03	PIPE GROUTING	(1)	LS
795-13.01	DI FITTINGS	1,000.000	LB.
795-13.05	CREEK CROSSING (DESCRIPTION) (#1)	(1)	LS
795-13.06	CREEK CROSSING (DESCRIPTION) (#2)	(1)	LS
795-13.07	CREEK CROSSING (DESCRIPTION) (#3)	(1)	LS
795-14.08	RESTORE ASPHALT	20.000	S.Y.
795-14.09	RESTORE CONCRETE	10.000	S.Y.
795-14.10	RESTORE GRAVEL	5.000	S.Y.
795-15.01	8IN STEEL CASING PIPE OPEN CUT METHOD	265.000	L.F.
795-15.02	12IN STEEL CASING PIPE OPEN CUT METHOD	480.000	L.F.
795-15.03	14IN STEEL CASING PIPE OPEN CUT METHOD	208.000	L.F.

**Contract ID CNV300 - CUMBERLAND & FENTRESS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-15.05	20IN STEEL CASING PIPE OPEN CUT METHOD	108.000	L.F.
795-30.08	2IN HDPE CASING OPEN CUT	50.000	L.F.

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

**Contract ID CNV315 - CUMBERLAND & ROANE**

**Contract ID:** CNV315

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 18I040-F8-003  
 18S299-F8-002  
 73S299-F8-002

NH-I-40-6(181)  
 STP-299(13)  
 STP-299(12)

**Counties:** CUMBERLAND, ROANE

**District:**

**DBE Goal Percent:** 6.00

**Description:** The resurfacing on I-40 in Cumberland County from Ozone Road (L.M. 29.19) to the Roane County line (L.M. 36.09) and on S.R. 299 (Westel Road in Cumberland County/ Airport Road in Roane County) at the I-40 interchanges.

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

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	24.800	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	5,195.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	500.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	66.200	TON
403-01.10	HIGH PERFORMANCE FOG SEALS	28,794.000	S.Y.
403-02.01	TRACKLESS TACK COAT	124.200	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	4,926.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	14,204.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	23.300	L.M.
411-12.03	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (8IN WIDTH)	0.200	L.M.
411-12.04	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (4IN WIDTH)	0.300	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	18,683.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	160.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	24.000	EACH

**Contract ID CNV315 - CUMBERLAND & ROANE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-06	SIGNS (CONSTRUCTION)	2,618.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	6.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	9.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	500.000	HOUR
713-02.11	REMOVAL OF EXISTING DELINEATORS	277.000	EACH
713-02.14	FLEXIBLE DELINEATOR (WHITE)	236.000	EACH
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	41.000	EACH
713-02.21	SIGN POST DELINEATION ENHANCEMENT	84.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
713-16.20	SIGNS (DESCRIPTION) (CHEVRON, 36"x48", SIGN, POST AND INSTALLATION )	12.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	23.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	949.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	949.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	116.000	L.F.
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	1,136.000	L.F.
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	2.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	3,170.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	47.900	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	32.400	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	3,170.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	2,074.000	L.F.
717-01	MOBILIZATION	(1)	LS

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



**Contract ID CNV322 - DAVIDSON**

**Contract ID:** CNV322

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 19074-3259-94

HSIP-155(28)

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:** 8.00

**Description:** The intersection improvements on S.R. 155 (Briley Parkway) at the Brick Church Pike ramps (L.M. 16.68 - L.M. 16.85), including grading, drainage, signals and paving with high friction surface treatment (HFST).

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	284.000	C.Y.
209-05	SEDIMENT REMOVAL	30.000	C.Y.
209-08.08	ENHANCED ROCK CHECK DAM	2.000	EACH
209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	2.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	444.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	492.000	TON
313-03	TREATED PERMEABLE BASE	221.000	S.Y.
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	6.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	20.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
406-04.03	HIGH FRICTION SURFACE TREATMENT (SINGLE LIFT)	4,015.000	S.Y.
407-02.13	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	5,000.000	S.Y.
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	252.000	TON
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	213.000	S.Y.
604-01.01	CLASS A CONCRETE (ROADWAY)	5.000	C.Y.

**Contract ID CNV322 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-09.02	REWORK CATCHBASIN	1.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	1.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	73.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	40.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	300.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	400.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	1.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	100.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	10.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	10.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,664.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	7,500.000	L.F.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	661.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	40.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	124.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	32.000	S.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	1.000	EACH
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	2.000	EACH
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	8.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
714-08.32	REMOVAL OF LIGHT STANDARD & FOUNDATION	2.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	59.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	44.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	177.000	L.F.

**Contract ID CNV322 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	4.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	415.000	L.F.
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	42.000	L.F.
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	3.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	16.000	S.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.060	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	1,431.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	9.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	3.000	EACH
730-03.11	INSTALL SPLICE BOX (DESCRIPTION) (FIBER SPLICE ENCLOSURE)	2.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	8.000	EACH
730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	6.000	EACH
730-03.33	FIBER OPTIC SPLICE FUSION	32.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	2.000	EACH
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	394.000	L.F.
730-08.05	SIGNAL CABLE - 12 CONDUCTOR	866.000	L.F.
730-08.40	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (12 SINGLE MODE DROP CABLE)	35.000	L.F.
730-08.41	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (72 SINGLE MODE)	712.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	1,691.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	678.000	L.F.
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (RADAR - STOP LINE)	4.000	EACH
730-13.09	VEHICLE DETECTOR (DESCRIPTION) (RADAR - ADVANCE DETECTION)	4.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	2.000	EACH

**Contract ID CNV322 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-16.04	CONTROLLER (ATC)	2.000	EACH
730-23.88	CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')	1.000	EACH
730-25.01	CANTILEVER SIGNAL SUPPORT (1 ARM @ 50')	1.000	EACH
730-25.07	CANTILEVER SIGNAL SUPPORT (1 ARM @ 55')	2.000	EACH
730-25.11	CANTILEVER SIGNAL SUPPORT (1 ARM @ 60')	1.000	EACH
730-25.14	CANTILEVER SIGNAL SUPPORT (1 ARM @ 70')	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	70.000	S.Y.
740-11.01	TEMPORARY SEDIMENT TUBE 8IN	2,000.000	L.F.
793-14.09	BRIDGE CONDUIT HANGER SYSTEM	(1)	LS
801-01	SEEDING (WITH MULCH)	25.000	UNIT
803-01	SODDING (NEW SOD)	1,017.000	S.Y.

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

**Contract ID CNV317 - DAVIDSON**

**Contract ID:** CNV317

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 19I040-F8-002

NH-I-40-3(171)

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:** 6.00

**Description:** The resurfacing on I-40 from near U.S. 70 (S.R. 24) (L.M. 9.61) to near 46th Avenue (L.M. 13.33).

**Contract Time:** CD - 120 Days

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	15.000	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,771.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	1,250.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	139.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	21,239.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	14.880	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	21,039.000	TON
501-01.31	CONCRETE REPLACEMENT (FAST TRACK)	260.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	314.000	L.F.
502-04.02	LOAD TRANSFER DOWELS	500.000	EACH
502-04.03	TRANSVERSE TIE-BARS	224.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	144.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,854.000	S.F.
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	2.000	EACH
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	7.000	EACH

**Contract ID CNV317 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	1,250.000	HOUR
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
713-16.20	SIGNS (DESCRIPTION) (WRONG WAY)	2.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	2,369.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	2,369.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	35.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	15.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	5,844.000	L.F.
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	500.000	L.F.
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	8.000	EACH
716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	1.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	75.000	S.F.
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	8.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	11,067.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	20.800	L.M.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	19.000	L.M.
716-09.86	CONTRAST PAVEMENT MARKING 6"	3.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	21.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	21,000.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	11,000.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	30.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	400.000	L.F.
730-14.02	SAW SLOT	400.000	L.F.
730-14.03	LOOP WIRE	1,700.000	L.F.

**Contract ID CNV317 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-15.07	CABINET (DESCRIPTION) (SEE PLANS)	2.000	EACH

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

**Contract ID CNV323 - DAVIDSON**

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**Contract ID:** CNV323

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 19106-4102-04

NA

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on I-24 over Mill Creek (L.M. 23.17).

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

Item No.	Description	Quantity	Units
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	400.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	100.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	320.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	3,250.000	S.Y.
502-03.13	CONCRETE PAVEMENT REMOVAL	778.000	S.Y.
604-03.01	CLASS A CONCRETE (BRIDGES)	10.000	C.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	805.000	S.Y.
604-10.12	CONCRETE SLAB REPAIRS	246.000	C.Y.
604-10.18	REINFORCING STEEL (REPAIRS)	33,693.000	LB.
604-10.47	EXPANSION JOINT REPAIRS (TYPE H)	270.000	L.F.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	30.000	S.Y.
604-10.92	MEDIAN BARRIER REPAIR	10.000	L.F.
606-03.03	STEEL PILES (12 INCH)	1,260.000	L.F.
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	100.000	EACH
705-07.11	TRUCK MOUNTED ENERGY ATTENUATOR	2.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	400.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	1,720.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	531.000	EACH



**Contract ID CNV323 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-06	SIGNS (CONSTRUCTION)	956.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	230.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	288.000	HOUR
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	16,225.000	L.F.
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	24,840.000	L.F.
713-02.14	FLEXIBLE DELINEATOR (WHITE)	124.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	132.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	4.500	L.M.
717-01	MOBILIZATION	(1)	LS
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 CNV325 - DAVIDSON**

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**Contract ID:** CNV325

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 19S006-M3-002

NA

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:**

**Description:** The installation of an overhead sign structure on U.S. 31E SB (S.R. 6, Gallatin Pike) at L.M. 16.70.

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	1.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-01.03	LANE CLOSURE(NIGHT WORK)	12.000	EACH
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	400.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	250.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	40.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	100.000	HOUR
713-09.20	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (92+/-)	1.000	EACH
713-14	EXTRUDED ALUMINUM PANEL SIGNS	271.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	1.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNV319 - DICKSON & WILLIAMSON**

**Contract ID:** CNV319

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 22I040-F8-002  
94I040-F8-002

NH-I-40-3(173)  
NH-I-40-3(174)

**Counties:** DICKSON, WILLIAMSON

**District:**

**DBE Goal Percent:** 6.50

**Description:** The resurfacing on I-40 from I-840 (L.M. 13.15) in Dickson County through Williamson County to the Cheatham County line (L.M. 3.11).

**Contract Time:** CD - 120 Days

**Note:** This proposal is a cost plus time proposal. The following sites are cost plus time sites:

Site	Description	Road User Cost	Unit	Min/Max
00	ENTIRE PROPOSAL	\$10,000.00	Days	60 / 120
Item No.	Description	Quantity	Units	
208-01.05	BROOMING & DEGRASSING SHOULDERS	31.060	L.M.	
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	4,112.000	TON	
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	1,300.000	TON	
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	168.000	TON	
411-03.10	ACS MIX(PG76-22) GRADING D	25,698.000	TON	
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	31.160	L.M.	
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	25,449.000	TON	
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	26.000	EACH	
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	26.000	EACH	
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	26.000	EACH	
706-01	GUARDRAIL REMOVED	1,300.000	L.F.	
712-01	TRAFFIC CONTROL	(1)	LS	
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	350.000	EACH	
712-06	SIGNS (CONSTRUCTION)	3,292.000	S.F.	

**Contract ID CNV319 - DICKSON & WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	6.000	EACH
712-08.03	ARROW BOARD (TYPE C)	6.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	4.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	9.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	1,250.000	HOURL
712-08.12	QUEUE PROTECTION TRUCK	120.000	DAY
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
713-16.20	SIGNS (DESCRIPTION) (W4-2L, 48" X 48", LANE ENDS)	1.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	1,388.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	1,388.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	70.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	514.000	L.F.
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	2.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	275.000	L.F.
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	3.000	EACH
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	4.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	800.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	37.180	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	37.180	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	1,810.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	6,142.000	L.F.
717-01	MOBILIZATION	(1)	LS

**Contract ID CNV319 - DICKSON & WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	20.000	L.F.
730-14.02	SAW SLOT	550.000	L.F.
730-14.03	LOOP WIRE	1,600.000	L.F.

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

**Contract ID CNV345 - HAYWOOD**

**Contract ID:** CNV345

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 38I040-F8-002  
38I040-M3-003

NH-I-40-1(369)  
NH-I-40-1(369)

**Counties:** HAYWOOD

**District:**

**DBE Goal Percent:** 5.50

**Description:** The resurfacing on I-40 from the Fayette County line (L.M. 0.00) to west of the Douglas Road Underpass (L.M. 2.86), including thin epoxy overlay on the bridge over Big Muddy Creek.

**Contract Time:** CD - 120 Days

**Note: This proposal is a cost plus time proposal. The following sites are cost plus time sites:**

Site	Description	Road User Cost	Unit	Min/Max
00	ENTIRE PROPOSAL	\$10,000.00	Days	60 / 120
Item No.	Description	Quantity	Units	
202-03.01	REMOVAL OF ASPHALT PAVEMENT	267.000	S.Y.	
203-06	WATER	14.400	M.G.	
208-01.05	BROOMING & DEGRASSING SHOULDERS	10.670	L.M.	
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D)	950.000	TON	
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	130.000	TON	
403-02.01	TRACKLESS TACK COAT	89.000	TON	
411-03.10	ACS MIX(PG76-22) GRADING D	1,170.000	TON	
411-03.14	ACS MIX(PG76-22) THIN LIFT D ASPHALT	4,650.000	TON	
411-03.23	ACS MIX (PG76-22) OGFC	5,180.000	TON	
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	11.000	L.M.	
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	14,500.000	TON	
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	12.000	EACH	
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	12.000	EACH	
712-01	TRAFFIC CONTROL	(1)	LS	

**Contract ID CNV345 - HAYWOOD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	360.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	1.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	625.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	10.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	99.000	EACH
712-06	SIGNS (CONSTRUCTION)	2,115.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	6.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	6.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	175.000	HOUR
712-08.14	PORTABLE QUEUE WARNING SYSTEM	10.000	DAY
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	7,450.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	380.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	380.000	EACH
716-01.40	REMOVE AND REPLACE LENS ON SNOWPLOWABLE REFLECTIVE MARKER	21.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	120.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	13.220	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	13.220	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	2,560.000	L.F.
716-12.06	ENHANCED FLAT LINE THERMO (8IN LINE)	790.000	L.F.
716-12.09	ENHANCED FLAT LINE THERMO (12IN LINE)	275.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	40.000	L.F.
730-14.02	SAW SLOT	550.000	L.F.

**Contract ID CNV345 - HAYWOOD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-14.03	LOOP WIRE	1,500.000	L.F.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	5.000	S.Y.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	1,540.000	S.Y.

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



**Contract ID CNV320 - HENDERSON & LAWRENCE**

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**Contract ID:** CNV320

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 39003-4284-04

N/A

50001-4279-04

N/A

**Counties:** HENDERSON, LAWRENCE

**District:**

**DBE Goal Percent:**

**Description:** The signal upgrades on U.S. 43 (S.R. 6) from near East Gaines Street to near Geri Street in Lawrenceburg and on U.S. 412 (S.R. 20) from S.R. 114 (Natchez Trace Drive) to near Madison Avenue in Lexington.

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
717-01	MOBILIZATION	(1)	LS
730-13.02	VEHICLE DETECTOR (VIDEO)	2.000	EACH
730-16.04	CONTROLLER (ATC)	5.000	EACH
730-16.50	CONFLICT MONITOR	5.000	EACH

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

**Contract ID CNV344 - HICKMAN**

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**Contract ID:** CNV344

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 41049-3231-94

BR-STP-230(17)

**Counties:** HICKMAN

**District:**

**DBE Goal Percent:** 7.50

**Description:** The construction of a concrete box beam bridge on S.R. 230 over the Piney River (L.M. 11.46), including grading, drainage and paving.

**Contract Time:** DT - 6/30/2023

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	557.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	137.000	C.Y.
203-07	FURNISHING & SPREADING TOPSOIL	127.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
209-01.31	TEMPORARY MULCH FILTER BERM	170.000	C.Y.
209-05	SEDIMENT REMOVAL	98.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	3,732.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	1.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	4.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	40.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	231.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	298.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	35.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	23.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	0.300	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	1.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	0.500	TON

**Contract ID CNV344 - HICKMAN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
411-01.10	ACS MIX(PG64-22) GRADING D	63.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	0.200	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	748.000	S.Y.
604-07.01	RETAINING WALL (DESCRIPTION) (R1, STA. 121+20.75 TO STA. 122+19.74 RT)	749.000	S.F.
705-04.02	GUARDRAIL TERMINAL (TYPE 12)	1.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	1.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	238.000	L.F.
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	2.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	4.000	EACH
706-10.26	ROUNDED END ELEMENT	2.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	987.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	200.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	744.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	100.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	12.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	12.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,063.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	48.000	L.F.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	36.000	LB.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	26.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	9.000	EACH
713-16.41	RELOCATE SIGN	(1)	LS
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	12.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	12.000	EACH

**Contract ID CNV344 - HICKMAN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.500	L.M.
717-01	MOBILIZATION	(1)	LS
740-07.04	GEOGRID REINFORCEMENT TYPE 2	363.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	344.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	355.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	250.000	L.F.
801-01	SEEDING (WITH MULCH)	59.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	74.000	UNIT
801-01.34	GRASS SEED MIX (RIPZN/FLPL)	4.000	UNIT
801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	53.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	2.000	UNIT
801-02.08	TEMPORARY SEEDING (WITHOUT MULCH)	6.000	UNIT
801-02.15	FERTILIZER	1.000	TON
801-03	WATER (SEEDING & SODDING)	20.000	M.G.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	782.000	S.Y.
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (PARTIAL, BR. NO. 41-SR230-11.46)	(1)	LS
204-04.10	STRUCTURE EXCAVATION UNCLASSIFIED	120.000	C.Y.
204-05.01	CORE DRILLING AND SAMPLING	302.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	30.000	TON
602-10.05	BRACING REPAIRS	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	229,086.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	275.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	56,878.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	130.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	647.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	2,892.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	2,321.000	S.Y.
604-10.14	REMOVE EXISTING WEARING SURFACE	(1)	LS

**Contract ID CNV344 - HICKMAN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
606-03.03	STEEL PILES (12 INCH)	297.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	18.000	EACH
615-02.19	PRESTRESSED CONCRETE BOX BEAM (24" X 36")	2,202.000	L.F.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	1,188.000	L.F.
625-02.01	DRILLED SHAFT-SOIL (DIA.) (48" DIA.)	162.000	V.F.
625-02.13	DRILLED SHAFT-ROCK (DIA.) (48" DIA.)	60.000	V.F.
625-02.40	DRILLED SHAFT (SH-SCC) CONCRETE	111.000	C.Y.
625-02.44	DRILLED SHAFT REINFORCING STEEL	25,398.000	LB.
625-02.46	SONIC LOGGING TESTING	10.000	EACH
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	104.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	70.000	L.F.

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

**Contract ID CNV348 - HICKMAN & HUMPHREYS**

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**Contract ID:** CNV348

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** R3ER21-M3-018

STP-REG3(208)

**Counties:** HICKMAN, HUMPHREYS

**District:**

**DBE Goal Percent:**

**Description:** The guardrail repair and installation at various locations on U.S. 70 (S.R. 1) and S.R. 230 in Humphreys County and on S.R. 48 and S.R. 230 in Hickman County.

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

Item No.	Description	Quantity	Units
705-01.01	GUARDRAIL AT BRIDGE ENDS	216.000	L.F.
705-01.04	METAL BEAM GUARD FENCE	63.000	L.F.
705-01.13	ROCK DRILLING FOR GUARDRAIL POST	266.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	9.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	1,063.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	4.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	4.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	9.000	EACH
706-01	GUARDRAIL REMOVED	623.000	L.F.
706-03.01	POSTS FURNISHED	1.000	EACH
706-06.03	RADIUS RAIL	88.000	L.F.
706-10.53	LANE CLOSURE	15.000	EACH
706-10.72	PULL AND REINSTALL GUARDARAIL POST FOR VERIFICATION	1.000	EACH
706-10.74	CONCRETE BARRIER WALL REPAIR	2.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
712-08.20	TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD	10.000	DAY
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNV347 - HUMPHREYS**

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**Contract ID:** CNV347

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 43ER21-M3-010

STP-1(457)

**Counties:** HUMPHREYS

**District:**

**DBE Goal Percent:**

**Description:** The fence repair at various locations on U.S. 70 (S.R. 1).

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
707-01.11	CHAIN LINK FENCE (6 FOOT)	15,985.000	L.F.
707-01.12	END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE 6')	31.000	EACH
707-01.55	REPAIR CHAIN LINK FENCE (6 FOOT)	553.000	L.F.
707-01.60	REPLACE LINE POST (CHAIN LINK 6 FOOT)	7.000	EACH
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (CHAIN LINK 6 FOOT)	15,985.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNV342 - JACKSON & SCOTT**

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**Contract ID:** CNV342

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 44003-4238-04  
76001-4291-04

N/A  
N/A

**Counties:** JACKSON, SCOTT

**District:**

**DBE Goal Percent:**

**Description:** The signal upgrades on U.S. 27 (S.R. 29) from near S.R. 297 (Industrial Lane) to near Litton Road in Oneida and on S.R. 56 from near the Gainesboro Elementary School to near S.R. 53 in Gainesboro.

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

Item No.	Description	Quantity	Units
712-01	TRAFFIC CONTROL	(1)	LS
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	2.000	EACH
713-15.41	SIGN REMOVAL (DESCRIPTION)	(1)	LS
717-01	MOBILIZATION	(1)	LS
730-01.05	REMOVE & RELOCATE SCHOOL SIGNAL EQUIPMENT	(1)	LS
730-01.08	SCHOOL SPEED LIMIT FLASHING SIGNAL INSTALLED	2.000	EACH
730-02.07	SIGNAL HEAD ASSEMBLY (130)	4.000	EACH
730-02.08	SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED)	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	12.000	EACH
730-02.16	SIGNAL HEAD ASSEMBLY (150 A2H)	1.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	2.000	EACH
730-02.24	SIGNAL HEAD ASSEMBLY (260)	5.000	EACH
730-05.04	MODIFY EXISTING ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,779.000	L.F.
730-09.20	SPAN WIRE ASSEMBLY	85.000	L.F.



**Contract ID CNV342 - JACKSON & SCOTT**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	257.000	L.F.
730-13.13	VEHICLE DETECTOR (RADAR)	1.000	EACH
730-15.11	MODIFY CABINET (DESCRIPTION) (CONTROLLER SIGNAL PHASING AND TIMING)	1.000	EACH

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

**Contract ID CNV346 - LOUDON**

**Contract ID:** CNV346

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 53I075-F8-002

NH-I-75-2(46)

**Counties:** LOUDON

**District:**

**DBE Goal Percent:** 5.50

**Description:** The resurfacing on I-75 from the Tennessee River Bridge (L.M. 7.86) to near Hotchkiss Valley Road East (L.M. 12.92).

**Contract Time:** CD - 120 Days

**Note: This proposal is a cost plus time proposal. The following sites are cost plus time sites:**

Site	Description	Road User Cost	Unit	Min/Max
00	ENTIRE PROPOSAL	\$10,000.00	Days	60 / 120
Item No.	Description	Quantity	Units	
201-01	CLEARING AND GRUBBING	(1)	LS	
208-01.05	BROOMING & DEGRASSING SHOULDERS	21.000	L.M.	
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	339.000	TON	
307-03.09	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING C	13,355.000	TON	
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	163.000	TON	
411-03.23	ACS MIX (PG76-22) OGFC	9,836.000	TON	
411-03.28	ACS MIX (PG76-22) OGFC GRADING E SHOULDER	5,219.000	TON	
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	21.000	L.M.	
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	13,965.000	TON	
712-01	TRAFFIC CONTROL	(1)	LS	
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	262.000	EACH	
712-05.01	WARNING LIGHTS (TYPE A)	131.000	EACH	
712-06	SIGNS (CONSTRUCTION)	3,156.000	S.F.	
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	3.000	EACH	
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH	

**Contract ID CNV346 - LOUDON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	6.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	350.000	HOUR
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	813.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	813.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	1,200.000	L.F.
716-05.49	PAINTED PAVEMENT MARKINGS(8" LINE)	24.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	24.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	2,900.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	2,010.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	4.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	40.000	L.F.
730-14.02	SAW SLOT	1,000.000	L.F.
730-14.03	LOOP WIRE	3,000.000	L.F.

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

**Contract ID CNV314 - MARION**

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**Contract ID:** CNV314

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 58I024-F8-003

NH-I-24-2(186)

**Counties:** MARION

**District:**

**DBE Goal Percent:** 5.00

**Description:** The resurfacing on I-24 from west of Martin Springs Road exit (L.M. 6.32) to east of Big Fiery Gizzard Creek (L.M. 11.48).

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

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	20.400	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	2,008.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	375.000	TON
307-03.10	ASPHALT CONC MIX (PG76-22)(BPMB-HM) GR CS	7,441.000	TON
403-02.01	TRACKLESS TACK COAT	179.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	4,096.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	12,031.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	20.600	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	18,984.000	TON
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	1.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	25.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
706-01	GUARDRAIL REMOVED	75.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	168.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	61.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,936.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH

**Contract ID CNV314 - MARION**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	7.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	500.000	HOUR
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	751.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	751.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	85.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	153.000	L.F.
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	2.000	EACH
716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	4.000	EACH
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	4.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	72.400	L.M.
716-08.32	HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (LINE)	1,250.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	31.900	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	540.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	1,083.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	20.000	L.F.
730-14.02	SAW SLOT	400.000	L.F.
730-14.03	LOOP WIRE	1,500.000	L.F.

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

**Contract ID CNV307 - MARION**

**Contract ID:** CNV307

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 58009-3237-04

NA

**Counties:** MARION

**District:**

**DBE Goal Percent:**

**Description:** The slide repair on S.R. 27 near L.M. 26.9 and L.M. 27.9, including construction of a concrete Bulb-Tee beam bridge and retaining wall.

**Contract Time:** DT - 8/31/2023

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1.000	EACH
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	19,546.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	12,757.000	TON
203-03.01	BORROW EXCAVATION (SELECT MATERIAL)	75.000	C.Y.
203-06	WATER	94.000	M.G.
209-01.31	TEMPORARY MULCH FILTER BERM	522.000	C.Y.
209-03.21	FILTER SOCK (12 INCH)	3,086.000	L.F.
209-05	SEDIMENT REMOVAL	378.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	3,832.000	L.F.
209-08.07	ROCK CHECK DAM	37.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	14.000	EACH
209-09.01	SANDBAGS	500.000	BAG
209-09.04	SEDIMENT FILTER BAG(15' X 10')	5.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,234.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	60.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	384.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	352.000	TON

**Contract ID CNV307 - MARION**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	2.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	24.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	4.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	739.000	L.F.
411-01.10	ACS MIX(PG64-22) GRADING D	332.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	0.500	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	3,909.000	S.Y.
621-03.07	48" TEMPORARY DRAINAGE PIPE	90.000	L.F.
703-01	PORTLAND CEMENT CONCRETE DITCH PAVING	7.000	C.Y.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	3.000	EACH
705-04.22	GUARDRAIL DELINEATION ENHANCEMENT (BI-DIRECTIONAL)	476.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	1,265.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	3.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	4.000	EACH
706-01	GUARDRAIL REMOVED	1,569.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	4,530.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	16.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	1,000.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	27.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	4,792.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	3,600.000	L.F.
712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	125.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	4.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	77.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	156.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	77.000	EACH
712-06	SIGNS (CONSTRUCTION)	899.000	S.F.

**Contract ID CNV307 - MARION**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	5,424.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	110.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	3.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	28.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	28.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	6,477.000	L.F.
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	560.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.600	L.M.
717-01	MOBILIZATION	(1)	LS
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	2.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	2,379.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	2,982.000	S.Y.
740-11.01	TEMPORARY SEDIMENT TUBE 8IN	1,620.000	L.F.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	8,040.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	5.000	UNIT
801-01.41	HYDRAULIC EROSION CONTROL PRODUCT (HECP) TYPE 2	3.000	UNIT
801-01.43	HYDRAULIC EROSION CONTROL PRODUCT (HECP) TYPE 4	3.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	6.000	UNIT
801-03	WATER (SEEDING & SODDING)	2.000	M.G.
203-40.13	TIE-BACK ANCHORS (4-STRAND UNCLASSIFIED)	308.000	L.F.
203-40.14	TIE-BACK ANCHORS (5-STRAND UNCLASSIFIED)	6,274.000	L.F.
204-06.02	FLOWABLE FILL (EXCAVATABLE)	207.000	C.Y.
204-11	BRIDGE EXCAVATION (UNCLASSIFIED)	510.000	C.Y.
204-14	CORE DRILLING FOR PILES(ROCK)	1,795.000	L.F.
204-15	CORE DRILLING FOR PILES(SOIL)	3,831.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	72.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	554.000	TON



**Contract ID CNV307 - MARION**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
602-02.01	STRUCTURAL STEEL (LOCATION & DESCRIPTION) (SOLDIER PILES)	429,000.000	LB.
602-02.10	STRUCTURAL STEEL (LOCATION & DESCRIPTION) (INSTALLATION OF SOLDIER PILES)	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	37,238.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	102.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	61,833.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	150.000	S.Y.
604-03.08	CLASS A CONCRETE (DESCRIPTION) (SOLDIER PILE FOOTING)	380.000	C.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	116.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	1,776.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	369.000	S.Y.
604-09.10	CLASS A CONCRETE (DESCRIPTION) (RETAINING WALLS)	501.000	C.Y.
604-15.01	PORTLAND CEMENT GROUT	221.000	C.Y.
606-04.03	STEEL PILES (14 INCH)	584.000	L.F.
606-24.13	TEMPORARY SHEET PILES	(1)	LS
615-01.12	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-72)	488.000	L.F.
617-02	BRIDGE DECK CRACK SEALING	125.000	L.F.
617-05	SEALANT (DESCRIPTION) (HMWM)	1.000	GAL.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	326.000	L.F.
621-05.02	TEMPORARY SHORING	(1)	LS
709-05.06	MACHINED RIP-RAP (CLASS A-1)	13.000	TON
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	128.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	16.000	L.F.
740-07.04	GEOGRID REINFORCEMENT TYPE 2	1,062.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	287.000	S.Y.
930-08.28	LOADING TEST (GROUTED ANCHOR)	30.000	EACH
930-08.29	PROOF LOADING TEST (GROUTED ANCHOR)	108.000	EACH

**Contract ID CNV307 - MARION**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
930-08.30	EXTENDED CREEP LOADING TEST (GROUTED ANCHOR)	2.000	EACH

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

**Contract ID CNV329 - MARSHALL**

**Contract ID:** CNV329

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 59I065-F8-002

NH-I-65-1(77)

**Counties:** MARSHALL

**District:**

**DBE Goal Percent:** 5.50

**Description:** The resurfacing on I-65 from north of U.S. 31A (S.R. 11) (L.M. 0.38) to the Maury County line (L.M. 12.80).

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

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	50.000	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	8,065.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	480.000	TON
307-03.11	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING CW	48,352.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	446.000	TON
411-03.23	ACS MIX (PG76-22) OGFC	32,235.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	49.700	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	46,601.000	TON
502-01	CLEANING AND SEALING JOINTS	5,140.000	L.F.
502-08.07	SEALING RANDOM CRACKS (SILICONE SEALANT)	1,744.000	L.F.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	15.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	15.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	15.000	EACH
706-01	GUARDRAIL REMOVED	750.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	170.000	EACH
712-06	SIGNS (CONSTRUCTION)	2,720.000	S.F.
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	4.000	EACH

**Contract ID CNV329 - MARSHALL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	12.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	120.000	DAY
713-02.14	FLEXIBLE DELINEATOR (WHITE)	330.000	EACH
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	62.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	1,880.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	1,880.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	154.000	L.F.
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	3,400.000	L.F.
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	6,260.000	L.F.
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	4.000	EACH
716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	20.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	116.000	L.M.
716-09.86	CONTRAST PAVEMENT MARKING 6"	1.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	57.900	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	5,500.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	20.000	L.F.
730-14.02	SAW SLOT	300.000	L.F.
730-14.03	LOOP WIRE	1,200.000	L.F.

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

**Contract ID CNV312 - MAURY**

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**Contract ID:** CNV312

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 60946-3457-04

N/A

**Counties:** MAURY

**District:**

**DBE Goal Percent:**

**Description:** The grading, drainage, lighting and paving on a S.I.A. route serving Project Night Sky in Spring Hill.

**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
202-02.21	REMOVAL OF PIPE (DESCRIPTION) (12 INCH)	114.000	L.F.
202-02.22	REMOVAL OF PIPE (DESCRIPTION) (30 INCH)	139.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	264,161.000	C.Y.
203-01.29	ROCK EXCAVATION	19,000.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	12,773.000	C.Y.
203-06	WATER	624.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	2,863.000	C.Y.
209-02.07	18" TEMPORARY SLOPE DRAIN	200.000	L.F.
209-05	SEDIMENT REMOVAL	1,432.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	5,256.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	7,528.000	L.F.
209-08.07	ROCK CHECK DAM	97.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	32.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	1.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	200.000	S.Y.
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	3.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	19.000	EACH
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	2.000	EACH

**Contract ID CNV312 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-40.48	CATCH BASIN FILTER ASSEMBLY(TYPE 8)	2.000	EACH
209-65.01	TEMPORARY STREAM DIVERSION (DESCRIPTION) (FOR STR-3 & STR-2)	(1)	LS
209-65.03	TEMPORARY DIVERSION CHANNEL	1,248.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	73,470.127	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	115.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	11,559.905	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	5,764.184	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	109.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	387.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	33.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	185.000	L.F.
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	1,904.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	3,352.601	TON
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	2,953.400	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	142.010	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	305.690	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	234.000	L.F.
607-12.03	66" CONCRETE PIPE CULVERT (CLASS III)	146.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	24.230	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	322.000	LB.
611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	5.000	EACH
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	2.000	EACH
611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.64	36IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.65	36IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH

**Contract ID CNV312 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	4.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	8.000	EACH
611-42.03	CATCH BASINS, TYPE 42, > 8' - 12' DEPTH	2.000	EACH
611-42.04	CATCH BASINS, TYPE 42, > 12' - 16' DEPTH	1.000	EACH
611-43.04	CATCH BASINS, TYPE 43, > 12' - 16' DEPTH	2.000	EACH
705-06.02	W BEAM GR (TYPE 2) MASH TL-3 (LONG POST)	508.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	2.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	2.000	EACH
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (STA. 36+80, 55+70, 64+60, 72+80)	595.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	1,801.150	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	200.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	792.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	110.509	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	426.894	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	147.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	41.000	EACH
712-06	SIGNS (CONSTRUCTION)	688.250	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	252.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	203.600	L.F.
712-09.05	REMOVABLE PAVEMENT MARKING (ARROW)	12.000	EACH
713-02.21	SIGN POST DELINEATION ENHANCEMENT	80.000	L.F.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	818.580	LB.
713-11.21	P POST SLIP BASE	44.000	EACH
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	1,873.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
714-02.02	ENCASED CONDUIT (2" PVC, SCHEDULE 40)	702.000	L.F.
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	15,455.000	L.F.

**Contract ID CNV312 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
714-05.04	PULL BOXES (TYPE C)	2.000	EACH
714-06.07	CABLE (1/C # 2 AWG)	32,314.000	L.F.
714-06.08	CABLE (DESCRIPTION) (1/C #8 AWG GROUND CONDUCTOR)	16,157.000	L.F.
714-08.05	LIGHT STANDARDS (ALUMINUM)	65.000	EACH
714-08.20	FOUNDATION (ONLY) FOR LIGHT STANDARD	65.000	EACH
714-09.09	LUMINAIRES (DESCRIPTION) (155W LED)	65.000	EACH
714-12.01	CONTROL CENTER (NO. 1)	(1)	LS
714-12.02	CONTROL CENTER (NO. 2)	(1)	LS
714-25.01	ELECTRICAL CONNECTION (DESCRIPTION) (TO PROVIDER)	(1)	LS
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	3,888.000	L.F.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	102.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	8.000	EACH
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	2.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	3.251	L.M.
716-05.51	PAINTED PAVEMENT MARKINGS(12" LINE)	131.000	L.F.
716-08.02	REMOVAL OF PAVEMENT MARKING (8" BARRIER LINE)	3,888.000	L.F.
716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	182.000	S.Y.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	7.000	L.M.
717-01	MOBILIZATION	(1)	LS
730-03.21	INSTALL PULL BOX (TYPE B)	4.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	1,692.000	L.F.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	4,760.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	4,200.000	L.F.
740-11.05	TEMPORARY SEDIMENT TUBE 24IN	5,700.000	L.F.
801-01	SEEDING (WITH MULCH)	944.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	527.000	UNIT



**Contract ID CNV312 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-01.34	GRASS SEED MIX (RIPZN/FLPL)	14.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	109.000	UNIT
801-03	WATER (SEEDING & SODDING)	158.000	M.G.
801-07	SEED (SUPPLEMENTAL APPLICATION)	1,817.000	LB.
801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	13.000	TON
803-01	SODDING (NEW SOD)	256.000	S.Y.
805-01.01	TURF REINFORCEMENT MAT (CLASS I)	170.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	12,096.761	S.Y.

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

**Contract ID CNV305 - MEIGS**

**Contract ID:** CNV305

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 61014-4216-04

NA

**Counties:** MEIGS

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 304 over Big Sewee Creek (L.M. 4.77).

**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
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	300.000	L.F.
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-CONTINUOUS) (4IN WIDTH)	0.300	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	1,800.000	S.Y.
602-10.71	STRUCTURAL STEEL WELD REPAIR	1.000	L.F.
603-02.01	REPAINTING EXISTING STEEL STRUCTURES (LOC. & DES.) (BRIDGE NO. 61-SR304-04.77)	(1)	LS
603-05.20	CONTAINMENT & DISPOSAL OF WASTE(LOCATION & DESCRP) (BRIDGE NO. 61-SR304-04.77)	(1)	LS
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	267.000	S.Y.
604-10.05	CONCRETE	67.000	S.F.
604-10.34	CONCRETE OVERLAYED BRIDGE DECK REPAIR (FULL DEPTH)	7.000	S.Y.
604-10.40	EXPANSION JOINT REPAIRS (TYPE D)	63.000	L.F.
604-10.54	CONCRETE REPAIRS	66.000	S.F.
604-10.56	CONCRETE OVERLAYED BRIDGE DECK REPAIR (PARTIAL DEPTH)	24.000	S.Y.
604-10.58	EPOXY INJECTION (INJECTION)	1.000	GAL.

**Contract ID CNV305 - MEIGS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	3.000	L.F.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	870.000	S.Y.
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	20.000	EACH
709-05.06	MACHINED RIP-RAP (CLASS A-1)	32.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	200.000	L.F.
712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	400.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	35.000	EACH
712-06	SIGNS (CONSTRUCTION)	962.000	S.F.
712-09.01	REMOVABLE PAVEMENT MARKING LINE	2,000.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	72.000	L.F.
712-10.02	TEMPORARY TRANSVERSE RUMBLE STRIPS	192.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	5.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	5.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.800	L.M.
717-01	MOBILIZATION	(1)	LS
719-01.08	CLEAN DRAIN	26.000	EACH
730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	(1)	LS

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

**Contract ID CNV330 - MONTGOMERY**

**Contract ID:** CNV330

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 63I024-F8-002

NH-I-24-9(96)

**Counties:** MONTGOMERY

**District:**

**DBE Goal Percent:** 5.50

**Description:** The resurfacing on I-24 from the Kentucky State line (L.M. 0.00) to east of U.S. 79 (S.R. 13) (L.M. 5.00).

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

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	20.000	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	3,970.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	523.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	104.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	15,535.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	20.000	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	15,418.000	TON
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	863.000	S.Y.
502-01	CLEANING AND SEALING JOINTS	1,640.000	L.F.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	1,472.000	L.F.
502-04.02	LOAD TRANSFER DOWELS	555.000	EACH
502-04.03	TRANSVERSE TIE-BARS	840.000	EACH
502-07	SPALL REPAIR	46.000	S.Y.
502-08.07	SEALING RANDOM CRACKS (SILICONE SEALANT)	1,610.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	200.000	EACH
712-06	SIGNS (CONSTRUCTION)	2,199.000	S.F.
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	4.000	EACH

**Contract ID CNV330 - MONTGOMERY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	11.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	120.000	DAY
713-02.14	FLEXIBLE DELINEATOR (WHITE)	130.000	EACH
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	130.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	949.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	949.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	1,700.000	S.Y.
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	4,760.000	L.F.
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	2.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	27.000	L.M.
716-08.21	REMOVAL OF PAVEMENT MARKING (24IN BARRIER LINE)	240.000	L.F.
716-09.86	CONTRAST PAVEMENT MARKING 6"	1.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	24.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	2,000.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	1,500.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNV316 - PUTNAM**

**Contract ID:** CNV316

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 71012-8229-14  
711040-F8-002

STP-136(22)  
NH-I-40-6(180)

**Counties:** PUTNAM

**District:**

**DBE Goal Percent:** 5.00

**Description:** The resurfacing on I-40 from near the ramp to S.R. 136 (L.M. 19.59) to near Falling Water River (L.M. 23.96) and on S.R. 136 from L.M. 5.28 to L.M. 5.35.

**Contract Time:** CD - 120 Days

**Note: This proposal is a cost plus time proposal. The following sites are cost plus time sites:**

Site	Description	Road User Cost	Unit	Min/Max
00	ENTIRE PROPOSAL	\$10,000.00	Days	60 / 120
Item No.	Description	Quantity	Units	
208-01.05	BROOMING & DEGRASSING SHOULDERS	17.500	L.M.	
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,786.000	TON	
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	1,206.000	TON	
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	44.000	TON	
403-01.10	HIGH PERFORMANCE FOG SEALS	65,514.000	S.Y.	
403-02.01	TRACKLESS TACK COAT	91.000	TON	
411-03.10	ACS MIX(PG76-22) GRADING D	16,691.000	TON	
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	17.500	L.M.	
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	16,532.000	TON	
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	40.000	S.F.	
712-01	TRAFFIC CONTROL	(1)	LS	
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	322.000	EACH	
712-05.03	WARNING LIGHTS (TYPE C)	190.000	EACH	
712-06	SIGNS (CONSTRUCTION)	1,690.000	S.F.	

**Contract ID CNV316 - PUTNAM**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	7.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	500.000	HOURL
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	8.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	17.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	680.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	601.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	100.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	96.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	265.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	22.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	2,428.000	L.F.
716-03.02	PLASTIC WORD PAVEMENT MARKING (RXR)	5.000	EACH
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	2.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	72.000	S.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	46.300	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	26.200	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	9,109.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	3,479.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-14.02	SAW SLOT	1,500.000	L.F.
730-14.03	LOOP WIRE	4,200.000	L.F.

**Contract ID CNV316 - PUTNAM**

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



**Contract ID CNV331 - RUTHERFORD**

**Contract ID:** CNV331

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 75I024-F8-002  
75I024-M3-005

NH-I-24-1(137)  
NA

**Counties:** RUTHERFORD

**District:**

**DBE Goal Percent:** 5.50

**Description:** The resurfacing on I-24 from near Baker Road (L.M. 7.75) to east of Medical Center Parkway (L.M. 13.60), including bridge expansion joint repairs.

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

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	21.200	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	2,803.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	2,000.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	220.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	33,587.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	23.400	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	33,270.000	TON
501-01.01	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 8"	2,605.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	7,063.000	L.F.
502-04.02	LOAD TRANSFER DOWELS	1,883.000	EACH
502-04.03	TRANSVERSE TIE-BARS	977.000	EACH
503-01	GRINDING CONCRETE PAVEMENT	2,605.000	S.Y.
706-01	GUARDRAIL REMOVED	90.000	L.F.
706-06.03	RADIUS RAIL	90.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	1.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	200.000	EACH

**Contract ID CNV331 - RUTHERFORD**

<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)	2,181.000	S.F.
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	4.000	EACH
712-08.03	ARROW BOARD (TYPE C)	6.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	6.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	120.000	DAY
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	10,810.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	3,627.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	3,627.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	237.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	12.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	37.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	3.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	3,150.000	L.F.
716-03.09	PLASTIC WORD PAVEMENT MARKING ( EAST )	2.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	10.000	EACH
716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	13.000	EACH
716-04.09	PLASTIC PAVEMENT MARKING (H.O.V. DIAMOND)	45.000	EACH
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	6.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	33.400	L.M.
716-09.86	CONTRAST PAVEMENT MARKING 6"	6.800	L.M.
716-09.89	CONTRAST PAVEMENT MARKING 12"	260.000	L.F.
716-10.50	PREFORMED PLASTIC PAVEMENT MARKING (INTERSTATE SHIELD)	4.000	EACH

**Contract ID CNV331 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	33.400	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	2,581.000	L.F.
716-12.06	ENHANCED FLAT LINE THERMO (8IN LINE)	8,200.000	L.F.
716-12.09	ENHANCED FLAT LINE THERMO (12IN LINE)	33,400.000	L.F.
716-12.10	ENHANCED FLAT LINE THERMO (12IN DOTTED)	8,500.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	40.000	L.F.
730-14.02	SAW SLOT	750.000	L.F.
730-14.03	LOOP WIRE	3,000.000	L.F.
604-10.44	EXPANSION JOINT REPAIRS	87.000	L.F.

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

**Contract ID CNV332 - RUTHERFORD**

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**Contract ID:** CNV332

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 75I024-M3-003

NA

**Counties:** RUTHERFORD

**District:**

**DBE Goal Percent:**

**Description:** The installation of an overhead sign structure on I-24 at L.M. 16.30.

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-01.03	LANE CLOSURE(NIGHT WORK)	15.000	EACH
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	780.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	300.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	65.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	100.000	HOUR
713-09.20	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (92+/-)	1.000	EACH
713-14	EXTRUDED ALUMINUM PANEL SIGNS	293.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	1.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNV333 - SHELBY**

**Contract ID:** CNV333

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 79I040-F8-006  
79I040-M3-005

NH-I-40-1(368)  
NH-I-40-1(368)

**Counties:** SHELBY

**District:**

**DBE Goal Percent:** 4.00

**Description:** The resurfacing on I-40 from west of Davies Plantation Road (L.M. 22.84) to the Fayette County line (L.M. 30.60), including bridge deck repair.

**Contract Time:** CD - 120 Days

**Note: This proposal is a cost plus time proposal. The following sites are cost plus time sites:**

Site	Description	Road User Cost	Unit	Min/Max
00	ENTIRE PROPOSAL	\$10,000.00	Days	60 / 120
Item No.	Description	Quantity	Units	
202-03.01	REMOVAL OF ASPHALT PAVEMENT	578.000	S.Y.	
203-06	WATER	6.000	M.G.	
208-01.05	BROOMING & DEGRASSING SHOULDERS	15.000	L.M.	
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D)	4,464.000	TON	
307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	256.000	TON	
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	28.000	TON	
307-03.10	ASPHALT CONC MIX (PG76-22)(BPMB-HM) GR CS	2,989.000	TON	
403-02.01	TRACKLESS TACK COAT	113.000	TON	
411-03.10	ACS MIX(PG76-22) GRADING D	8,761.000	TON	
411-04	CRACK SEALANT	8,421.000	LB.	
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	7.600	L.M.	
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	10,259.000	TON	
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	112.000	EACH	
712-01	TRAFFIC CONTROL	(1)	LS	

**Contract ID CNV333 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	1,120.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	1,184.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	970.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	208.000	EACH
712-06	SIGNS (CONSTRUCTION)	3,586.000	S.F.
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	4.000	EACH
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	12.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	150.000	HOUR
712-08.14	PORTABLE QUEUE WARNING SYSTEM	6.000	DAY
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	27,302.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	1,694.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	1,636.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	5,000.000	L.F.
716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	2.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	1,396.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	19.900	L.M.
716-08.02	REMOVAL OF PAVEMENT MARKING (8" BARRIER LINE)	10,761.000	L.F.
716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	1,111.000	S.Y.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	1.700	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	20.300	L.M.

**Contract ID CNV333 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.03	ENHANCED FLATLINE THERMO PVMR MRKNG (8IN BARRIER LINE)	9,953.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMR MRKNG (6IN DOTTED LINE)	1,655.000	L.F.
716-12.08	ENHANCED FLAT LINE THERMO (12IN BARRIER LINE)	2,358.000	L.F.
716-12.10	ENHANCED FLAT LINE THERMO (12IN DOTTED)	650.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	20.000	L.F.
730-12.17	CONDUIT (DESCRIPTION) (1.5" DIAMETER PVC)	10.000	L.F.
730-14.02	SAW SLOT	300.000	L.F.
730-14.03	LOOP WIRE	1,300.000	L.F.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	5.000	S.Y.
604-10.53	CONCRETE REPAIRS	10.000	S.Y.

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

**Contract ID CNV335 - SULLIVAN**

**Contract ID:** CNV335

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 82I081-F8-002  
82I081-M3-003

NH-I-81-1(132)  
NA

**Counties:** SULLIVAN

**District:**

**DBE Goal Percent:** 6.50

**Description:** The resurfacing on I-81 from near S.R. 357 (L.M. 9.38) to near S.R. 394 (L.M. 15.79), including bridge repair work.

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

Item No.	Description	Quantity	Units
201-01	CLEARING AND GRUBBING	(1)	LS
208-01.05	BROOMING & DEGRASSING SHOULDERS	25.600	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	492.000	TON
307-03.09	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING C	17,848.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	193.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	589.000	TON
411-03.23	ACS MIX (PG76-22) OGFC	11,757.000	TON
411-03.28	ACS MIX (PG76-22) OGFC GRADING E SHOULDER	5,901.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	25.600	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	18,518.000	TON
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	23.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	23.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	23.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	448.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	224.000	EACH
712-06	SIGNS (CONSTRUCTION)	4,485.000	S.F.



**Contract ID CNV335 - SULLIVAN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	4.000	EACH
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	10.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	600.000	HOUR
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	1,062.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	1,062.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	1,470.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	33.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	33.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	4,325.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	3,755.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	4.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	40.000	L.F.
730-14.02	SAW SLOT	1,000.000	L.F.
730-14.03	LOOP WIRE	3,000.000	L.F.
730-15.07	CABINET (DESCRIPTION) (DESCRIPTION)	4.000	EACH
307-03.09	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING C	130.000	TON
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	308.000	S.Y.
604-10.05	CONCRETE	150.000	S.F.
604-10.22	CONCRETE PARAPET REPAIR	504.000	L.F.
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	20.000	S.Y.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	110.000	S.Y.

**Contract ID CNV335 - SULLIVAN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.54	CONCRETE REPAIRS	150.000	S.F.
617-01	BRIDGE DECK SEALANT	1,176.000	S.Y.
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	45.000	EACH
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	890.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	3,897.000	L.F.
712-09.30	REMOVABLE BLACK-OUT TAPE (6")	1,920.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.05	TEMPORARY RAISED PAVEMENT MARKER	49.000	EACH

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

**Contract ID CNV336 - WASHINGTON**

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**Contract ID:** CNV336

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 90102-4202-04

NA

**Counties:** WASHINGTON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridges on U.S. 11E (U.S. 19W, S.R. 34) over Boone Lake (L.M. 23.03, L&R).

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

Item No.	Description	Quantity	Units
303-10.01	MINERAL AGGREGATE (SIZE 57)	1,400.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	44.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	0.100	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	700.000	S.Y.
602-10.19	JACKING STEEL SPANS	(1)	LS
602-10.60	BEARING DEVICE (DESCRIPTION) (ELASTOMERIC)	20.000	EACH
603-02.01	REPAINTING EXISTING STEEL STRUCTURES (LOC. & DES.) (BRIDGE NO. 90-SR034-23.03 L & R)	(1)	LS
603-05.20	CONTAINMENT & DISPOSAL OF WASTE(LOCATION & DESCRP) (BR. NO. 90-SR034-23.03 L & R)	(1)	LS
604-03.04	PAVEMENT @ BRIDGE ENDS	324.000	S.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	4,732.000	S.Y.
604-10.05	CONCRETE	36.000	S.F.
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	40.000	S.Y.
604-10.32	EXPANSION JOINT REPAIRS (TYPE A)	132.000	L.F.
604-10.40	EXPANSION JOINT REPAIRS (TYPE D)	44.000	L.F.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	20.000	S.Y.
604-10.54	CONCRETE REPAIRS	40.000	S.F.
604-10.55	CONCRETE (FOUNDATION REPAIRS)	14.000	C.Y.
604-10.58	EPOXY INJECTION (INJECTION)	8.000	GAL.

**Contract ID CNV336 - WASHINGTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	137.000	L.F.
606-24.13	TEMPORARY SHEET PILES	(1)	LS
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	5,752.000	S.Y.
620-09	REMOVAL & REPLACEMENT OF EXISTING BRIDGE RAIL	59.000	L.F.
705-02.02	SINGLE GUARDRAIL (TYPE 2)	75.000	L.F.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	4.000	EACH
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	88.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
705-06.26	THRIE BEAM BRIDGE TRANSITION MASH TL-2	4.000	EACH
709-05.06	MACHINED RIP-RAP (CLASS A-1)	250.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	1,760.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	150.000	EACH
712-06	SIGNS (CONSTRUCTION)	630.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	50.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-08.20	TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD	60.000	DAY
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	12,320.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.600	L.M.
717-01	MOBILIZATION	(1)	LS
740-07.04	GEOGRID REINFORCEMENT TYPE 2	3,292.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	1,014.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	180.000	L.F.

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

**Contract ID CNV337 - WILLIAMSON**

**Contract ID:** CNV337

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 94I840-F3-004  
 94I840-F8-002  
 94I840-M3-003

NH-I-840(20)  
 NH-I-840(20)  
 NA

**Counties:** WILLIAMSON

**District:**

**DBE Goal Percent:** 6.00

**Description:** The resurfacing on I-840 from near MM 8 (L.M. 2.00) to east of Liepers Creek Road overpass (L.M. 12.50), including removal of pavement at bridge ends and expansion joint repair.

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (PVMT. @ BRIDGE ENDS, MULTIPLE LOCATIONS)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	7,534.000	C.Y.
208-01.05	BROOMING & DEGRASSING SHOULDERS	33.300	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	3,618.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	8,363.000	TON
307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	672.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	5,421.000	TON
307-03.11	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING CW	13,230.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	258.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	17,037.000	TON
411-03.23	ACS MIX (PG76-22) OGFC	10,584.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	33.300	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	31,301.000	TON
501-01.13	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10" FAST TRACK	445.000	S.Y.

**Contract ID CNV337 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
502-07	SPALL REPAIR	10.000	S.Y.
604-03.04	PAVEMENT @ BRIDGE ENDS	2,182.000	S.Y.
709-05.06	MACHINED RIP-RAP (CLASS A-1)	1,157.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	5,000.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	10.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	528.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	250.000	EACH
712-06	SIGNS (CONSTRUCTION)	2,438.000	S.F.
712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	4.000	EACH
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-08.08	SPEED FEEDBACK SIGN ASSEMBLY	2.000	EACH
712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	15.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	120.000	DAY
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	69,678.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	1,551.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	1,551.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	3,905.000	L.F.
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	4.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	59.000	L.M.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	20.500	L.M.
716-09.86	CONTRAST PAVEMENT MARKING 6"	5.400	L.M.
716-09.88	CONTRAST PAVEMENT MARKING 8"	1.200	L.M.
716-09.90	CONTRAST PAVEMENT MARKING 6" DOTTED	1,320.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	45.000	L.M.

**Contract ID CNV337 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	2,520.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	1,390.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	4.000	EACH
730-12.02	CONDUIT 2" DIAMETER (PVC)	40.000	L.F.
730-14.02	SAW SLOT	1,000.000	L.F.
730-14.03	LOOP WIRE	3,400.000	L.F.
740-07.04	GEOGRID REINFORCEMENT TYPE 2	14,452.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	3,922.000	S.Y.
604-10.44	EXPANSION JOINT REPAIRS	462.000	L.F.

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

**Contract ID CNV276 - WILLIAMSON**

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**Contract ID:** CNV276

**Letting Date:** December 10, 2021 10:00 AM

**Projects:** 94014-4240-04

NA

**Counties:** WILLIAMSON

**District:**

**DBE Goal Percent:**

**Description:** The replacement of a 60" corrugated metal pipe on U.S. 431 (S.R. 106) at L.M. 13.65.

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-02.01	REMOVAL OF PIPE (SIZE ,STA.) (18", STA. 104+14)	20.000	L.F.
202-02.02	REMOVAL OF PIPE (SIZE ,STA.) (60", STA. 106+10)	100.000	L.F.
203-04	PLACING AND SPREADING TOPSOIL	356.000	C.Y.
203-06	WATER	32.000	M.G.
204-08	FOUNDATION FILL MATERIAL	57.000	C.Y.
209-05	SEDIMENT REMOVAL	123.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	5,065.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	10.000	EACH
209-09.04	SEDIMENT FILTER BAG(15' X 10')	3.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	335.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	760.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	1,972.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	69.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	46.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	28.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	1.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	4.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON



**Contract ID CNV276 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
407-20.05	SAW CUTTING ASPHALT PAVEMENT	783.000	L.F.
411-02.10	ACS MIX(PG70-22) GRADING D	100.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	0.170	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	856.000	S.Y.
621-03.08	54" TEMPORARY DRAINAGE PIPE	115.000	L.F.
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	4.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	450.000	L.F.
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	4.000	EACH
706-01	GUARDRAIL REMOVED	313.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	3,000.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	500.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	98.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	900.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-05.01	WARNING LIGHTS (TYPE A)	8.000	EACH
712-06	SIGNS (CONSTRUCTION)	352.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	90.000	L.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	2.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	6.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.340	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,450.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	635.000	S.Y.
801-01	SEEDING (WITH MULCH)	25.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	51.000	UNIT
801-03	WATER (SEEDING & SODDING)	24.000	M.G.
803-01	SODDING (NEW SOD)	1,537.000	S.Y.

**Contract ID CNV276 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	267.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	53,031.000	LB.
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	587.000	L.F.
795-05.99	FLOWABLE FILL (TRENCH PLUGS)	25.000	C.Y.
795-06.07	CONNECT TO 12IN WATER LINE	2.000	EACH
795-06.30	CUT/CAP EXISTING LINES (ALL SIZES)	2.000	EACH
795-08.08	12IN BUTTERFLY VALVE ASSEMBLY	2.000	EACH
795-11.12	RETIRE IN PLACE EXISTING WATER MAIN	450.000	L.F.
795-13.01	DI FITTINGS	1,000.000	LB.
795-14.01	CLASS A CONCRETE	5.000	C.Y.
797-13.03	FIRE HYDRANT ASSEMBLY	1.000	EACH

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

