

## Estimated Quantities -- Letting October 06, 2023

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**Contract ID CNX912 - COFFEE**

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**Contract ID:** CNX912

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 16009-3242-14

STP/NH-55(6)

**Counties:** COFFEE

**District:**

**DBE Goal Percent:** 8.00

**Description:** The grading, drainage, construction of a concrete box beam bridge, lighting, signals and paving on S.R. 55 from First Avenue (L.M. 1.95) to U.S. 41A (S.R. 16, N. Jackson Street) (L.M. 2.59) in Tullahoma.

**Contract Time:** DT - 5/27/2027

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	2,720.000	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	36.000	EACH
202-02.21	REMOVAL OF PIPE (DESCRIPTION) (SEE SHEET 2F10)	4,408.000	L.F.
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT 12)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	11,998.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	813.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	4,400.000	C.Y.
203-06	WATER	641.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	2,490.000	C.Y.
203-08	CHANNEL EXCAVATION (UNCLASSIFIED)	574.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
203-50.01	CONSTRUCTION OF HAUL ROAD	(1)	LS

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-03.22	FILTER SOCK (18 INCH)	600.000	L.F.
209-05	SEDIMENT REMOVAL	236.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	1,756.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	10,075.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	6.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	2.000	EACH
209-09.40	CURB INLET PROTECTION (TYPE 1)	88.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	23.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	4.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	48.000	EACH
209-40.43	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	38.000	EACH
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	10.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	9.000	EACH
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	1.000	EACH
209-40.49	CATCH BASIN FILTER ASSEMBLY(TYPE 9)	3.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	349.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	18,606.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	34.000	TON
303-10.04	MINERAL AGGREGATE (SIZE ) (SIZE 57)	390.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	578.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	3,880.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	2,719.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	38.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	132.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	17.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	800.000	L.F.
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	11.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	393.000	TON

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411-02.10	ACS MIX(PG70-22) GRADING D	1,840.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	231.000	TON
604-01.01	CLASS A CONCRETE (ROADWAY)	189.000	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	13,902.000	LB.
604-01.04	1-1/2" STEEL PIPE HANDRAIL	66.000	L.F.
604-01.20	BOX TUBE SAFETY RAIL	840.000	L.F.
604-03.07	CLASS A CONCRETE (DESCRIPTION) (ADA RAMPS & STAIRS, AND GREENWAY HANDRAIL BASE)	45.000	C.Y.
604-03.08	CLASS A CONCRETE (DESCRIPTION) (CONC. CHANNELS, SLOTTED GRATE DRAIN & WINGWALLS)	17.000	C.Y.
604-10.51	SCARIFYING	7,987.000	S.Y.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	2,867.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	1,184.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	263.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	334.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	2,413.000	L.F.
607-16.10	68"X 43" HORIZONTAL OVAL CONCRETE PIPE CULVERT	258.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	48.000	L.F.
611-01.01	MANHOLES, 0' - 4' DEPTH	2.000	EACH
611-01.02	MANHOLES, > 4' - 8' DEPTH	3.000	EACH
611-01.03	MANHOLES, > 8' - 12' DEPTH	1.000	EACH
611-02.11	JUNCTION BOX, TYPE 2	3.000	EACH
611-02.12	JUNCTION BOX, TYPE 3	3.000	EACH
611-05.01	TRENCH DRAINS	66.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	15.300	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	658.000	LB.
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	4.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	14.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	61.000	EACH
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	11.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	4.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	3.000	EACH
611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	2.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	7.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	3.000	EACH
621-05.01	TEMPORARY SHORING	350.000	S.F.
701-01.01	CONCRETE SIDEWALK (4 ")	25,385.000	S.F.
701-02.03	CONCRETE CURB RAMP	4,144.000	S.F.
702-01	CONCRETE CURB	83.000	C.Y.
702-03	CONCRETE COMBINED CURB & GUTTER	505.000	C.Y.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	153.000	L.F.
705-06.26	THRIE BEAM BRIDGE TRANSITION MASH TL-2	2.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	2.000	EACH
705-20.23	REUSABLE CRASH CUSHION WIDE (MASH TL-3)	2.000	EACH
706-10.80	MICHIGAN AND MODIFIED MICHIGAN END SHOE	2.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	557.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	62.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	200.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	23.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	1,600.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	7,284.000	L.F.
710-05	LATERAL UNDERDRAIN	730.000	L.F.
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	37.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	1,127.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	435.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	24.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	435.000	EACH

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712-06	SIGNS (CONSTRUCTION)	652.000	S.F.
712-07.02	TEMPORARY BARRICADES (TYPE II)	11.000	L.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	470.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	1.000	EACH
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	0.420	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	145.300	LB.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	245.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	2,134.000	LB.
713-11.21	P POST SLIP BASE	7.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	215.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	77.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	28.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK)	128.000	S.F.
713-14.22	STREET NAME SIGN (SUSPENDED 0.100IN THICK)	64.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.06	MILE POST SIGN	2.000	EACH
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	6.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
714-03	JACKED OR BORED CONDUIT	1,900.000	L.F.
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	7,000.000	L.F.
714-05.04	PULL BOXES (TYPE C)	50.000	EACH
714-06.05	CABLE (1/C # 6 AWG)	8,500.000	L.F.
714-08.01	LIGHT STANDARDS (45' M.H., 15' ARM)	15.000	EACH
714-08.09	LIGHT STANDARDS (DESCRIPTION) (45' M.H., 5' ARM)	1.000	EACH
714-08.10	LIGHT STANDARDS (DESCRIPTION) (40' M.H., 15' ARM)	1.000	EACH
714-08.11	LIGHT STANDARDS (DESCRIPTION) (40' M.H., 10' ARM)	5.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
714-08.12	LIGHT STANDARDS (DESCRIPTION) (40' M.H., 10' ARM, ON BRIDGE PARAPET)	4.000	EACH
714-08.20	FOUNDATION (ONLY) FOR LIGHT STANDARD	15.000	EACH
714-08.21	FOUNDATION (ONLY) FOR LIGHT STANDARD	1.000	EACH
714-08.22	FOUNDATION (ONLY) FOR LIGHT STANDARD	4.000	EACH
714-09.09	LUMINAIRES (DESCRIPTION) (LED - 160W)	20.000	EACH
714-09.10	LUMINAIRES (DESCRIPTION) (LED - 110W)	7.000	EACH
714-09.11	LUMINAIRES (DESCRIPTION) (LED - 55W)	9.000	EACH
714-09.12	LUMINAIRES (DESCRIPTION) (LED - 105W)	7.000	EACH
714-12.01	CONTROL CENTER (NO. 1)	(1)	LS
714-14.01	MASTARM - 15'	9.000	EACH
714-14.03	MASTARM (DESCRIPTION) (10')	2.000	EACH
714-14.04	MASTARM (DESCRIPTION) (5')	2.000	EACH
714-14.05	MASTARM (DESCRIPTION) (TENON MOUNT)	8.000	EACH
714-25.01	ELECTRICAL CONNECTION (DESCRIPTION) (SEE PLANS)	(1)	LS
714-25.22	INSTALL SVC RISER (DESCRIPTION) (DESCRIPTION)	13.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	97.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	96.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	120.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	547.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	679.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	14.000	EACH
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	624.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	39.000	S.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	5.950	L.M.
716-05.03	PAINTED PAVEMENT MARKING (CROSS-WALK)	107.000	L.F.

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716-05.04	PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	882.000	S.Y.
716-05.22	PAINTED PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	100.000	L.F.
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	1,465.000	L.F.
716-08.03	REMOVAL OF PAVEMENT MARKING (CROSS-WALK)	252.000	L.F.
716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	882.000	S.Y.
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	89.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.850	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	414.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	2.000	EACH
730-02.03	SIGNAL HEAD ASSEMBLY (130 A3 WITH BACKPLATE)	2.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	8.000	EACH
730-02.14	SIGNAL HEAD ASSEMBLY (140 A1 WITH BACKPLATE)	1.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	7.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	11.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	2.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	1,972.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,707.000	L.F.
730-08.04	SIGNAL CABLE - 9 CONDUCTOR	615.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC SCHEDULE 40)	363.000	L.F.
730-12.03	CONDUIT 3" DIAMETER (PVC SCHEDULE 40)	225.000	L.F.
730-12.14	CONDUIT 3" DIAMETER (JACK AND BORE)	660.000	L.F.
730-13.16	VEHICLE DETECTOR (RADAR/VIDEO)	8.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	2.000	EACH
730-16.04	CONTROLLER (ATC)	2.000	EACH
730-23.28	PEDESTAL POLE (TYPE A)	5.000	EACH
730-25.01	CANTILEVER SIGNAL SUPPORT (1 ARM @ 50')	2.000	EACH

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730-25.07	CANTILEVER SIGNAL SUPPORT (1 ARM @ 55')	2.000	EACH
730-25.11	CANTILEVER SIGNAL SUPPORT (1 ARM @ 60')	3.000	EACH
730-25.14	CANTILEVER SIGNAL SUPPORT (1 ARM @ 70')	1.000	EACH
730-25.70	DECORATIVE SIGNAL BASES (DESCRIPTION) (ALUMINUM CAST SPLIT - BLACK)	8.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSHBUTTON & 15IN SIGN	14.000	EACH
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	2.000	EACH
730-50.20	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (SOLAR POWERED)	2.000	EACH
740-07.04	GEOGRID REINFORCEMENT TYPE 2	1,140.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	603.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	1,337.000	S.Y.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	122.000	UNIT
801-01.34	GRASS SEED MIX (RIPZN/FLPL)	11.000	UNIT
801-01.37	NATVE SEED MX ENCAPSULATION & CLEAR ZONE	16.000	UNIT
801-01.38	NATVE SEED MX FINAL STABLIZATN OF SLOPES	16.000	UNIT
801-03	WATER (SEEDING & SODDING)	74.000	M.G.
803-01	SODDING (NEW SOD)	5,808.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	1,422.000	S.Y.
806-02.03	PROJECT MOWING	6.000	CYCL
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (SEE PLANS)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	2,420.000	C.Y.
204-03.01	WET EXCAVATION (BRIDGES)	323.000	C.Y.
204-10.01	FOUNDATION PREPARATION(PR NO. ,STA ) (SEE PLANS)	(1)	LS
303-01.02	GRANULAR BACKFILL (BRIDGES)	2,278.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	110,458.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	693.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	102,361.000	LB.



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604-03.04	PAVEMENT @ BRIDGE ENDS	416.000	S.Y.
604-03.32	CLASS DS CONCRETE	403.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	1,286.000	S.Y.
604-04.41	THREE STAR STATE EMBLEM	4.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	1,836.000	S.Y.
606-03.03	STEEL PILES (12 INCH)	8,672.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	186.000	EACH
610-10.40	BRIDGE DECK DRAINS	(1)	LS
610-10.45	DECK DRAINS (DESCRIPTION) (SEE PLANS)	22.000	EACH
615-02.10	PRESTRESSED CONCRETE BOX BEAM (27" X 48")	2,141.000	L.F.
617-02	BRIDGE DECK CRACK SEALING	218.000	L.F.
617-05	SEALANT (DESCRIPTION) (SEE PLANS)	2.000	GAL.
620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING	438.000	L.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	218.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	60.000	L.F.
714-01.01	STRUCTURAL LIGHTING (BRIDGE NO.) (BRIDGE NO. 1)	(1)	LS
790-05.02	POLE 50FT CLASS 2 WOOD	2.000	EACH
790-06.01	POLE 55FT CLASS 1 WOOD	2.000	EACH
790-06.02	POLE 55FT CLASS 2 WOOD	1.000	EACH
790-21.09	1PH PRIMARY TAP 15KV	5.000	EACH
790-21.18	1PH DDE FEED THROUGH 15KV	1.000	EACH
790-25.07	3PH CROSSARM DBL LRG COND 15KV	15.000	EACH
790-25.17	3PH VERTICAL DEADEND LARGE ANGLE 15KV	2.000	EACH
790-25.18	3PH VERTICAL DEADEND LRG ANG LG COND 15KV	4.000	EACH
790-25.19	3PH VERTICAL DEADEND 15KV	4.000	EACH
790-25.38	3PH 10FT FIBERGLASS CROSSARM DEADEND 15kV	11.000	EACH
790-25.40	3PH 10FT FIBERGLASS DOUBLE DEADEND 15kV	9.000	EACH
790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	145.000	L.F.
790-31.02	SERVICE ASSEMBLY-POLE TYPE	48.000	EACH

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790-32.01	DOWN GUY - THROUGH BOLT TYPE	15.000	EACH
790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	73.000	EACH
790-32.07	OH GUY - THROUGH BOLT TYPE	2.000	EACH
790-32.08	OH GUY - THROUGH BOLT TYPE HEAVY DUTY	37.000	EACH
790-32.24	GUY (DESCRIPTION) (INSULATOR)	70.000	EACH
790-33.25	SCREW TYPE ANCHOR 15,000LB	27.000	EACH
790-33.26	SCREW TYPE ANCHOR 28,000LB	30.000	EACH
790-40.02	OH COND 2 7/1 ACSR SPARATE	1,660.000	L.F.
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	2,900.000	L.F.
790-40.06	OH COND 4/0 6/1 ACSR PENGUIN	5,000.000	L.F.
790-40.49	OH COND 795 37 AAC ARBUTUS	14,000.000	L.F.
790-41.03	UG PRI COND 1/0 AL 15KV	270.000	L.F.
790-42.10	4IN DIA PVC PIPE	3.000	L.F.
790-42.17	2 DUCT BANK @ 36IN-48IN DEPTH	20.000	L.F.
790-43.01	LOADBREAK ELBOW 200A 15KV	3.000	EACH
790-43.08	ELBOW ARRESTER 200A 15KV	3.000	EACH
790-43.34	UG GROUND ROD ASSEMBLY	1.000	EACH
790-43.50	SECONDARY RISER W/ 2IN CONDUIT	2.000	EACH
790-43.60	PRIMARY RISER (DESCRIPTION) (3PH PRIMARY RISER W/ 4IN CONDUIT)	1.000	EACH
790-43.62	3PH PRIMARY RISER W/ 4IN CONDUIT	3.000	EACH
790-46.03	1PH TRANSFORMER CONV W/XARM MTD FUSE & LA	10.000	EACH
790-49.02	3PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	2.000	EACH
790-51.06	3PH TRANSFORMER PAD - CONCRETE	1.000	EACH
790-56.03	150KVA 3PH PAD MT XFMR 15KV 208/120	1.000	EACH
790-58.06	GOAB SWITCH 15KV	1.000	EACH
790-60.01	1PH FUSE CUTOFF XARM MOUNT 15KV	6.000	EACH
790-62.20	3PH OVR-3SP ELECTRONIC RECLOSER 15KV	2.000	EACH
790-65.03	LIGHTNING ARRESTER ARM MTD 9 KV	6.000	EACH
790-68.01	POLE GROUND ROD TYPE	44.000	EACH

**Contract ID CNX912 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-68.10	MISCELLANEOUS ASSEMBLIES	8.000	EACH
790-74.19	12-96 FIBER(INSTALLATION ONLY)	3,000.000	L.F.
790-74.31	FIBER TANGENT ASSEMBLY	22.000	EACH
790-74.32	FIBER DEADEND ASSEMBLY	33.000	EACH
790-74.34	FIBER STORAGE SINGLE LOOP	3.000	EACH
790-74.37	FIBER SERVICE ATTACHMENT	4.000	EACH
790-98.01	REMOVE WIRE	23,054.000	L.F.
790-98.02	REMOVE POLES	2.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	290.000	EACH
790-98.04	REMOVE FIBER OPTIC CABLE	2,440.000	L.F.
791-01.03	3IN STEEL GAS MAIN	915.000	L.F.
791-01.04	4IN STEEL GAS MAIN	512.000	L.F.
791-02.02	2IN MDPE GAS MAIN	465.000	L.F.
791-02.04	4IN MDPE GAS MAIN	2,880.000	L.F.
791-04.02	HDD 2IN PE PIPE - UNCONSOLIDATED	75.000	L.F.
791-04.04	HDD 4IN PE PIPE - UNCONSOLIDATED	605.000	L.F.
791-04.21	HDD 3IN STEEL PIPE - UNCONSOLIDATED	310.000	L.F.
791-06.02	CONNECT TO 2IN EX. PE MAIN	2.000	EACH
791-06.03	CONNECT TO 4IN EX. PE MAIN	2.000	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	2.000	EACH
791-06.38	CONNECT TO __IN EX. STL MAIN W/ STOPPLE (3)	2.000	EACH
791-07.01	2IN PE GAS VALVE ASSEMBLY	1.000	EACH
791-07.02	4IN PE GAS VALVE ASSEMBLY	3.000	EACH
791-08.02	3/4IN SERVICE ASSEMBLY	6.000	EACH
791-08.07	3/4IN PE SERVICE PIPE	530.000	L.F.
791-08.08	1IN PE SERVICE PIPE	15.000	L.F.
791-08.17	HDD 3/4IN PE SERVICE PIPE	150.000	L.F.
791-08.40	RECONNECT SERVICE ASSEMBLY	18.000	EACH
791-10.10	RETIRE GAS MAIN	(1)	LS

**Contract ID CNX912 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-01.02	POLE 30FT CLASS 5 WOOD	1.000	EACH
793-01.07	POLE 35FT CLASS 4 WOOD	2.000	EACH
793-01.11	POLE 40FT CLASS 3 WOOD	5.000	EACH
793-01.20	POLE 50FT CLASS 2 WOOD	1.000	EACH
793-01.23	POLE 55FT CLASS 1 WOOD	1.000	EACH
793-01.24	POLE 55FT CLASS 2 WOOD	14.000	EACH
793-01.28	POLE 60FT CLASS 2 WOOD	4.000	EACH
793-01.30	POLE 65FT CLASS 1 WOOD	1.000	EACH
793-01.41	ANCHOR 1IN	22.000	EACH
793-13.07	4IN SCHEDULE 40 PVC	131.000	L.F.
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	37.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	47.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	32.000	EACH
795-01.04	6IN DIP SLIP JOINT WATER LINE	2,300.000	L.F.
795-01.06	8IN DIP SLIP JOINT WATER LINE	40.000	L.F.
795-01.07	10IN DIP RESTRAINED JOINT WATER LINE	400.000	L.F.
795-01.08	10IN DIP SLIP JOINT WATER LINE	2,500.000	L.F.
795-02.07	12IN HDPE WATER LINE	475.000	L.F.
795-03.02	2IN PVC WATER LINE	10.000	L.F.
795-03.04	4IN PVC WATER LINE	10.000	L.F.
795-03.05	6IN PVC WATER LINE	10.000	L.F.
795-05.10	HDD 20IN HDPE CASING PIPE-UNCON	225.000	L.F.
795-05.14	HDD __IN HDPE CASING PIPE-UNCON (2)	800.000	L.F.
795-05.24	HDD 20IN HDPE CASING PIPE-ROCK	200.000	L.F.
795-05.63	BORE/JACK 12IN STEEL CASING PIPE-UNCON.	310.000	L.F.
795-06.03	CONNECT TO 4IN WATER LINE	2.000	EACH
795-06.04	CONNECT TO 6IN WATER LINE	9.000	EACH
795-06.05	CONNECT TO 8IN WATER LINE	1.000	EACH
795-06.06	CONNECT TO 10IN WATER LINE	2.000	EACH
795-06.30	CUT/CAP EXISTING LINES (ALL SIZES)	14.000	EACH

**Contract ID CNX912 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-07.03	6IN X 6IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-08.03	4IN GATE VALVE ASSEMBLY	2.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	12.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	1.000	EACH
795-08.06	10IN GATE VALVE ASSEMBLY	6.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	25.000	EACH
795-09.37	3/4IN SERVICE PIPE	1,000.000	L.F.
795-09.38	1N SERVICE PIPE	10.000	L.F.
795-09.51	RECONNECT SERVICE ASSEMBLY	2.000	EACH
795-10.05	2IN AUTO AIR RELEASE VALVE ASSEMBLY	2.000	EACH
795-11.02	FIRE HYDRANT ASSEMBLY	6.000	EACH
795-11.12	RETIRE IN PLACE EXISTING WATER MAIN	7,800.000	L.F.
795-13.01	DI FITTINGS	10,000.000	LB.
795-14.03	CLASS C CONCRETE	15.000	C.Y.
795-14.08	RESTORE ASPHALT	65.000	S.Y.
795-14.10	RESTORE GRAVEL	20.000	S.Y.
795-15.04	18IN STEEL CASING PIPE OPEN CUT METHOD	90.000	L.F.
797-05.51	8IN PVC GRAVITY SEWER 0FT-6FT DEPTH	65.000	L.F.
797-05.52	8IN PVC GRAVITY SEWER 6FT-12FT DEPTH	795.000	L.F.
797-05.55	10IN PVC GRAVITY SEWER 0FT-6FT DEPTH	20.000	L.F.
797-05.56	10IN PVC GRAVITY SEWER 6FT-12FT DEPTH	660.000	L.F.
797-05.57	10IN PVC GRAVITY SEWER 12FT-18FT DEPTH	170.000	L.F.
797-05.68	18IN PVC GRAVITY SEWER 6FT-12FT DEPTH	115.000	L.F.
797-06.65	BORE/JACK 18IN STEEL CASING PIPE-UNCON.	30.000	L.F.
797-06.91	OPEN CUT 18IN STEEL CASING PIPE	70.000	L.F.
797-06.93	OPEN CUT 24IN STEEL CASING PIPE	87.000	L.F.
797-07.02	48IN MANHOLE 4FT-6FT DEPTH	1.000	EACH
797-07.04	48IN MANHOLE 8FT-10FT DEPTH	5.000	EACH
797-07.05	48IN MANHOLE 10FT-12FT DEPTH	2.000	EACH
797-07.06	48IN MANHOLE 12FT-14FT DEPTH	3.000	EACH

**Contract ID CNX912 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
797-07.56	MANHOLE DROP CONNECTION ASSEMBLY	2.000	EACH
797-07.60	ADJUST EXISTING MANHOLE	6.000	EACH
797-07.75	TRAFFIC RATED FRAMES AND COVERS	9.000	EACH
797-07.80	REMOVE SEWER MANHOLE	1.000	EACH
797-08.05	6IN PVC PIPE FOR SERVICE LATERAL	300.000	L.F.
797-08.08	6IN CLEAN OUT ASSEMBLY	9.000	EACH
797-08.20	CONNECT SERVICE LINES (ALL SIZES)	9.000	EACH
797-10.02	CONNECT 8IN SEWER TO EXIST. MANHOLE	1.000	EACH
797-10.03	CONNECT 10-18IN SEWER TO EXIST. MANHOLE	1.000	EACH
797-10.08	CONNECT EX. 6IN SEWER TO NEW MANHOLE	1.000	EACH
797-10.09	CONNECT EX. 8IN SEWER TO NEW MANHOLE	1.000	EACH
797-10.10	CONNECT EX.10-18IN SEWER TO NEW MANHOLE	2.000	EACH
797-11.25	RETIREIN PLACE 48IN MANHOLE	6.000	EACH
797-11.31	RETIREIN PLACE EXISTING SEWER 8IN-14IN	1,225.000	L.F.
797-11.32	RETIREIN PLACE EXISTING SEWER 15IN-24IN	90.000	L.F.
797-11.38	BY-PASS PUMPING	(1)	LS
797-11.40	RESTORE ASPHALT	50.000	S.Y.
797-11.50	FRAME AND COVER (WATERTIGHT) (WATERTIGHT)	2.000	EACH
797-40.01	CONCRETE ENCASEMENT	40.000	L.F.

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

**Contract ID CNX911 - KNOX**

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**Contract ID:** CNX911

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 471040-M3-009

n/a

**Counties:** KNOX

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on I-40 over U.S. 11E (U.S. 70, S.R. 9, Asheville Highway) (L.M. 25.09).

**Contract Time:** DT - 3/31/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.05	CONCRETE	30.000	S.F.
604-10.69	PRESTRESSING STRAND SPLICE	5.000	EACH
604-10.83	COMPOSITE FIBER ENCASEMENT	112.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	110.000	EACH
712-06	SIGNS (CONSTRUCTION)	717.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	6.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	20.000	DAY
712-09.01	REMOVABLE PAVEMENT MARKING LINE	2,930.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	7.000	EACH
713-16.02	TRUCK MOUNTED IMPACT ATTENUATOR (W/FLASHING ARROW BOARD)	1.000	EACH
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	1,100.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.220	L.M.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNX329 - ANDERSON , BLOUNT, ETC.**

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**Contract ID:** CNX329

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R1BVAR-M3-033

n/a

**Counties:** ANDERSON, BLOUNT, CAMPBELL, COCKE,  
GRAINGER, JEFFERSON, KNOX, LOUDON,  
MONROE, ROANE, SEVIER

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 2/28/2025

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
719-01	SWEEPING	16,127.000	L.M.

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



**Contract ID CNX341 - ANDERSON , BLOUNT, ETC.**

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**Contract ID:** CNX341

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R1BVAR-M3-034

n/a

**Counties:** ANDERSON, BLOUNT, CAMPBELL, COCKE,  
GRAINGER, JEFFERSON, KNOX, LOUDON,  
MONROE, ROANE, SEVIER

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 2/28/2025

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.11	CLEAN DRAIN(WITH GRATE)	1,200.000	EACH
611-07.12	CLEAN DRAIN(WALL DRAIN)	100.000	EACH
611-07.13	PIPE CLEANING (<18IN DIA.)	800.000	L.F.
611-07.14	PIPE CLEANING (>OR=18IN DIA.)	2,400.000	L.F.
611-07.20	HEAVY DRAIN CLEANING	40.000	EACH
712-01.02	LANE CLOSURE	50.000	EACH

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

**Contract ID CNX362 - BRADLEY**

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**Contract ID:** CNX362

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 06001-3184-44

HSIP-I-75-1(151)

**Counties:** BRADLEY

**District:**

**DBE Goal Percent:** 8.50

**Description:** The grading, drainage, signals, and paving with Portland Cement Concrete on the I-75 ramps at Paul Huff Parkway in Cleveland (L.M. 10.92 to L.M. 11.52).

**Contract Time:** DT - 9/30/2024

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-08.15	REMOVAL OF CURB AND GUTTER (DESCRIPTION) (SEE PLANS)	370.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	3,657.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	820.000	C.Y.
203-06	WATER	25.000	M.G.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	12.000	C.Y.
209-03.21	FILTER SOCK (12 INCH)	400.000	L.F.
209-05	SEDIMENT REMOVAL	102.000	C.Y.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	118.000	L.F.
209-08.07	ROCK CHECK DAM	8.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	2.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	8.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	3.000	EACH
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	1.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	3,165.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	9.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	959.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	43.000	TON

**Contract ID CNX362 - BRADLEY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	28.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	7.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	27.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	0.200	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	620.000	L.F.
411-02.10	ACS MIX(PG70-22) GRADING D	17.000	TON
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	2,514.000	S.Y.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	12.000	L.F.
611-09.03	CAPPING EXISTING CATCHBASIN	1.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	1.000	EACH
702-03	CONCRETE COMBINED CURB & GUTTER	32.000	C.Y.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	1.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
706-01	GUARDRAIL REMOVED	40.000	L.F.
706-06.03	RADIUS RAIL	88.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	810.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	201.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	46.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	1,429.000	L.F.
710-05	LATERAL UNDERDRAIN	248.000	L.F.
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	13.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	980.000	L.F.
712-02.36	REMOVE AND RELOCATE PORTABLE BARRIER RAIL	920.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	4.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	148.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	80.000	EACH

**Contract ID CNX362 - BRADLEY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-05.03	WARNING LIGHTS (TYPE C)	74.000	EACH
712-06	SIGNS (CONSTRUCTION)	388.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	2,940.000	L.F.
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	3,949.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	6.000	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	1,110.000	LB.
713-02.11	REMOVAL OF EXISTING DELINEATORS	6.000	EACH
713-02.14	FLEXIBLE DELINEATOR (WHITE)	6.000	EACH
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	4,680.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	705.000	LB.
713-11.21	P POST SLIP BASE	19.000	EACH
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	139.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK)	48.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
713-16.41	RELOCATE SIGN	(1)	LS
713-16.50	REMOVE AND REPLACE SIGN (DESCRIPTION) (TOURIST INFO SIGN)	1.000	EACH
713-16.51	REMOVE AND REPLACE SIGN (DESCRIPTION) (M4-5, M1-4.2, AND M6-1 SIGN ASSEMBLY)	1.000	EACH
713-16.52	REMOVE AND REPLACE SIGN (DESCRIPTION) (R5-1A SIGN)	1.000	EACH
713-16.53	REMOVE AND REPLACE SIGN (DESCRIPTION) (GUIDE SIGN AND DOWNTOWN SIGN ASSEMBLY)	1.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	100.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	130.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	10.000	EACH

**Contract ID CNX362 - BRADLEY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	218.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	0.100	L.M.
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	3.000	EACH
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	72.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	12.000	EACH
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	3.000	EACH
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	2,500.000	L.F.
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	72.000	L.F.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	21.000	EACH
716-09.86	CONTRAST PAVEMENT MARKING 6"	0.330	L.M.
716-09.88	CONTRAST PAVEMENT MARKING 8"	0.230	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.370	L.M.
717-01	MOBILIZATION	(1)	LS
730-01.01	REMOVE & RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	1.000	EACH
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.03	SIGNAL HEAD ASSEMBLY (130 A3 WITH BACKPLATE)	2.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	4.000	EACH
730-02.14	SIGNAL HEAD ASSEMBLY (140 A1 WITH BACKPLATE)	1.000	EACH
730-02.51	SIGNAL HEAD ASSEMBLY (130 A3F WITH BACKPLATE)	1.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	3.000	EACH
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	2.000	EACH
730-03.33	FIBER OPTIC SPLICE FUSION	4.000	EACH
730-03.55	FIBER OPTIC DROP CABLE (6F)	180.000	L.F.
730-03.57	FIBER OPTIC DROP PANEL (DESCRIPTION) (6F)	1.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,040.000	L.F.

**Contract ID CNX362 - BRADLEY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-12.02	CONDUIT 2" DIAMETER (PVC SCHEDULE 40)	220.000	L.F.
730-12.23	CONDUIT 2" DIAMETER (DIRECTIONAL BORE)	325.000	L.F.
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	1.000	EACH
730-16.04	CONTROLLER (ATC)	1.000	EACH
730-25.06	CANTILEVER SIGNAL SUPPORT (2 @ 50' & 70')	1.000	EACH
730-25.14	CANTILEVER SIGNAL SUPPORT (1 ARM @ 70')	1.000	EACH
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	451.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	1,431.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	165.000	UNIT
801-03	WATER (SEEDING & SODDING)	67.000	M.G.
803-01	SODDING (NEW SOD)	4,976.000	S.Y.
806-02.03	PROJECT MOWING	4.000	CYCL

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

**Contract ID CNX353 - BRADLEY , GRUNDY, ETC.**

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**Contract ID:** CNX353

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R2BVAR-M3-025

NA

**Counties:** BRADLEY, GRUNDY, HAMILTON, MARION,  
PUTNAM, SEQUATCHIE, WHITE

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 2/28/2025

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
719-01	SWEEPING	7,644.000	L.M.

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

**Contract ID CNX354 - BRADLEY , GRUNDY, ETC.**

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**Contract ID:** CNX354

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R2BVAR-M3-026

NA

**Counties:** BRADLEY, GRUNDY, HAMILTON, MARION,  
PUTNAM, SEQUATCHIE, WHITE

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 2/28/2025

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.10	CLEAN DRAIN (TRENCH DRAIN)	16,000.000	L.F.
611-07.11	CLEAN DRAIN(WITH GRATE)	700.000	EACH
611-07.12	CLEAN DRAIN(WALL DRAIN)	300.000	EACH
611-07.13	PIPE CLEANING (<18IN DIA.)	12,000.000	L.F.
611-07.14	PIPE CLEANING (>OR=18IN DIA.)	515.000	L.F.
611-07.20	HEAVY DRAIN CLEANING	50.000	EACH
712-01.02	LANE CLOSURE	45.000	EACH

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



**Contract ID CNX361 - BRADLEY , HAMILTON, ETC.**

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**Contract ID:** CNX361

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R2SVAR-F3-036

HSIP-REG2(213)

**Counties:** BRADLEY, HAMILTON, MEIGS, POLK

**District:**

**DBE Goal Percent:** 7.00

**Description:** The ADA curb ramp upgrades on various State Routes.

**Contract Time:** DT - 5/31/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	636.000	S.Y.
202-08.15	REMOVAL OF CURB AND GUTTER (DESCRIPTION) (DESCRIPTION)	1,945.000	L.F.
203-07	FURNISHING & SPREADING TOPSOIL	196.000	C.Y.
701-01.01	CONCRETE SIDEWALK (4 ")	5,720.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	11,451.000	S.F.
701-02.03	CONCRETE CURB RAMP	293.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	802.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	119.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
713-11.01	"U" SECTION STEEL POSTS	214.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	32.000	S.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	2.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	648.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,018.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	2,641.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	181.000	S.F.
717-01	MOBILIZATION	(1)	LS

**Contract ID CNX361 - BRADLEY , HAMILTON, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-01	SEEDING (WITH MULCH)	20.000	UNIT

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

**Contract ID CNX314 - CAMPBELL , COFFEE, ETC.**

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**Contract ID:** CNX314

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 99113-3154-44

NH-I-9900(130)

**Counties:** CAMPBELL, COFFEE, DAVIDSON, DICKSON,  
GILES, GREENE, HAYWOOD, KNOX,  
MCMINN, SHELBY, WILLIAMSON

**District:**

**DBE Goal Percent:** 3.00

**Description:** The installation of Weigh-in-Motion technology at 28 sites on various Interstate and State Routes.

**Contract Time:** DT - 5/31/2025

Item No.	Description	Quantity	Units
209-09.01	SANDBAGS	132.000	BAG
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	4,950.000	S.Y.
705-04.03	GUARDRAIL TERMINAL (TYPE 13)	2.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	525.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	4,447.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	1,660.000	EACH
712-06	SIGNS (CONSTRUCTION)	15,584.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	34.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	24.000	DAY
712-08.14	PORTABLE QUEUE WARNING SYSTEM	34.000	DAY
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	34.000	EACH
714-08.09	LIGHT STANDARDS (DESCRIPTION) (DESCRIPTION)	8.000	EACH
717-01	MOBILIZATION	(1)	LS
725-15.82	3 IN CONDUIT	660.000	L.F.
725-15.84	3 IN CONDUIT (BORED)	1,155.000	L.F.
725-16.01	WEIGH IN MOTION (WIM), LOOP DETECTOR	125.000	EACH
725-16.02	WEIGH IN MOTION (WIM) SYSTEM, 2 LANE	18.000	EACH

**Contract ID CNX314 - CAMPBELL , COFFEE, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
725-16.03	WEIGH IN MOTION (WIM) SYSTEM, 3 LANE	6.000	EACH
725-16.04	WEIGH IN MOTION (WIM) SYSTEM, 4 LANE	2.000	EACH
725-20.43	PULL BOX (TYPE C)	61.000	EACH
725-20.45	PULL BOX (TYPE E)	63.000	EACH
725-20.56	CABLE (1/C #4 AWG.)	33,650.000	L.F.
725-20.71	ELECTRICAL CONNECTION	(1)	LS
725-21.43	DEMARCATON SITE (OVERHEAD POWER)	17.000	EACH
725-22.71	2IN CONDUIT	9,605.000	L.F.
725-22.72	2IN CONDUIT BORED	2,375.000	L.F.
725-24.01	CABINET (TYPE A)	7.000	EACH
725-24.02	CABINET (TYPE B)	22.000	EACH
725-28.07	ETHERNET SWITCH (FIELD LAYER 2)	20.000	EACH
730-14.03	LOOP WIRE	15,260.000	L.F.
730-23.30	PEDESTAL POLE (DESCRIPTION) (DESCRIPTION)	1.000	EACH
730-23.31	PEDESTAL POLE (DESCRIPTION) (DESCRIPTION)	16.000	EACH
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	4,675.000	L.F.
801-01	SEEDING (WITH MULCH)	39.000	UNIT
801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	10.500	UNIT

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

**Contract ID CNX351 - CARROLL**

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**Contract ID:** CNX351

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 09946-3465-04

N/A

**Counties:** CARROLL

**District:**

**DBE Goal Percent:**

**Description:** The grading, drainage and paving on a S.I.A. route serving Pottery Direct International.

**Contract Time:** DT - 6/30/2024

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)	723.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	4,088.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	1,704.000	C.Y.
203-06	WATER	60.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	663.000	C.Y.
209-03.23	FILTER SOCK (24 INCH)	720.000	L.F.
209-05	SEDIMENT REMOVAL	144.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	224.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	2,184.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	16.000	EACH
209-09.01	SANDBAGS	100.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	2.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	160.000	S.Y.
209-20.04	POLYETHYLENE SHEETING (10 MIL.)	100.000	S.Y.
209-65.03	TEMPORARY DIVERSION CHANNEL	225.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	4,690.000	TON
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C or D)	100.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	15.000	TON

**Contract ID CNX351 - CARROLL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	880.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	730.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	8.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	26.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	4.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	420.000	TON
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	42.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	84.000	L.F.
607-16.01	23"X 14" HORIZONTAL OVAL CONCRETE PIPE CULVERT	116.000	L.F.
607-16.02	30"X 19" HORIZONTAL OVAL CONCRETE PIPE CULVERT	37.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	4.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	228.000	LB.
611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.61	30IN ENDWALL (CROSS DRAIN) 4:1	4.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	300.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	156.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	8.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	38.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	8.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	2.000	EACH
712-06	SIGNS (CONSTRUCTION)	91.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	30.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	1.000	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	135.000	LB.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	62.000	L.F.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	91.000	LB.

**Contract ID CNX351 - CARROLL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-11.21	P POST SLIP BASE	6.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	41.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	5.000	S.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	34.000	L.F.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	0.870	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	280.000	S.Y.
740-11.05	TEMPORARY SEDIMENT TUBE 24IN	280.000	L.F.
801-01	SEEDING (WITH MULCH)	43.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	231.000	UNIT
801-01.65	TEMPORARY MULCH	100.000	UNIT
801-03	WATER (SEEDING & SODDING)	134.000	M.G.
803-01	SODDING (NEW SOD)	11,410.000	S.Y.

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

**Contract ID CNX352 - CARROLL , DECATUR, ETC.**

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**Contract ID:** CNX352

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R4SVAR-F3-022  
R4SVAR-F3-023

HSIP-REG4(220)  
HSIP-REG4(221)

**Counties:** CARROLL, DECATUR, DYER, GIBSON,  
MADISON, OBION, WEAKLEY

**District:**

**DBE Goal Percent:** 6.00

**Description:** The ADA curb ramp upgrades on various State Routes.

**Contract Time:** DT - 5/31/2024

Item No.	Description	Quantity	Units
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	323.500	S.Y.
701-01.01	CONCRETE SIDEWALK (4 ")	2,139.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	8,742.000	S.F.
701-02.03	CONCRETE CURB RAMP	446.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	756.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-11.01	"U" SECTION STEEL POSTS	82.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	18.000	S.F.
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	3,774.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,091.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	242.000	L.F.
717-01	MOBILIZATION	(1)	LS

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



**Contract ID CNX327 - CARTER , JOHNSON, ETC.**

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**Contract ID:** CNX327

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R1BVAR-M3-032

n/a

**Counties:** CARTER, JOHNSON, SULLIVAN, UNICOI,  
WASHINGTON

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 2/28/2025

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
719-01	SWEEPING	1,612.000	L.M.

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

**Contract ID CNX260 - CHEATHAM**

**Contract ID:** CNX260

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 11024-3235-94

BR-STP/HIP-249(84)

**Counties:** CHEATHAM

**District:**

**DBE Goal Percent:** 8.50

**Description:** The construction of a concrete box beam bridge on S.R. 249 (Sam's Creek Road) over Dry Creek (L.M. 11.54), including grading, drainage, and paving.

**Contract Time:** DT - 11/30/2024

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)	813.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	5,664.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	287.000	C.Y.
203-05	UNDERCUTTING	790.000	C.Y.
203-07	FURNISHING & SPREADING TOPSOIL	389.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
209-05	SEDIMENT REMOVAL	78.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	4,847.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	5.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	2.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	200.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,659.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	636.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	241.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	158.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	4.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	17.000	TON

**Contract ID CNX260 - CHEATHAM**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.500	TON
411-01.10	ACS MIX(PG64-22) GRADING D	150.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	0.500	L.M.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	377.000	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	4.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	4.000	EACH
706-01	GUARDRAIL REMOVED	402.000	L.F.
706-10.26	ROUNDED END ELEMENT	2.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	717.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	8.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	100.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	1,951.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	376.000	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
712-04.50	BARRIER RAIL DELINEATOR	14.000	EACH
712-06	SIGNS (CONSTRUCTION)	353.000	S.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	4,858.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	24.000	L.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.21	SIGNS (DESCRIPTION) (OH-3L)	2.000	EACH
713-16.22	SIGNS (DESCRIPTION) (OH-3R)	2.000	EACH
713-16.23	SIGNS (DESCRIPTION) (TN-13)	1.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	9.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	9.000	EACH

**Contract ID CNX260 - CHEATHAM**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	1.000	L.M.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	1.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.000	L.M.
717-01	MOBILIZATION	(1)	LS
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
740-07.04	GEOGRID REINFORCEMENT TYPE 2	696.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	270.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	740.000	S.Y.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	78.000	UNIT
801-01.34	GRASS SEED MIX (RIPZN/FLPL)	29.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	44.000	UNIT
801-03	WATER (SEEDING & SODDING)	14.000	M.G.
802-11.01	ACER NEGUNDO (BOX ELDER 2-5FT CNTNR GRWN)	12.000	EACH
802-11.04	ACER SACCHARUM (SUGAR MAPLE 2-5FT CNTNR GRWN)	12.000	EACH
802-11.26	PLATANUS OCCIDENTALIS (SYCAMORE 2-5FT CNTNR GRWN)	12.000	EACH
802-11.27	POPULUS DELTOIDES (COTTONWOOD 2-5FT CNTNR GRWN)	12.000	EACH
802-11.46	QUERCUS SHUMARDII (SHUMARD OAK 2-5 FT CNTNR GRWN)	12.000	EACH
802-12.40	SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)	277.000	EACH
805-12.02	EROSION CONTROL BLANKET (TYPE II)	5,807.000	S.Y.
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EXIST. BR. NO. 11-SR249-11.54)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	395.000	C.Y.
204-03.01	WET EXCAVATION (BRIDGES)	286.000	C.Y.
204-10.01	FOUNDATION PREPARATION(PR NO. ,STA ) (PIER NO. 1, STA 109+94.63)	(1)	LS
204-10.02	FOUNDATION PREPARATION(PR NO. ,STA ) (PIER NO. 2, STA 110+35.37)	(1)	LS

**Contract ID CNX260 - CHEATHAM**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
204-14	CORE DRILLING FOR PILES(ROCK)	200.000	L.F.
204-15	CORE DRILLING FOR PILES(SOIL)	188.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	46.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	41,937.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	364.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	46,618.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	216.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	151.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	893.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	721.000	S.Y.
606-03.03	STEEL PILES (12 INCH)	1,071.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	26.000	EACH
615-02.19	PRESTRESSED CONCRETE BOX BEAM (24" X 36")	585.000	L.F.
617-02	BRIDGE DECK CRACK SEALING	176.000	L.F.
617-05	SEALANT (DESCRIPTION) (HMWM)	1.000	GAL.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	299.000	L.F.
621-05.02	TEMPORARY SHORING	(1)	LS
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	148.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	28.000	L.F.
793-01.07	POLE 35FT CLASS 4 WOOD	2.000	EACH
793-01.08	POLE 35FT CLASS 5 WOOD	1.000	EACH
793-01.41	ANCHOR 1IN	4.000	EACH
793-11.20	HANDHOLE 30INX48IN	1.000	EACH
793-13.07	4IN SCHEDULE 40 PVC	1,072.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	536.000	L.F.
793-14.19	4IN SCH 80 ORANGE FLEXPipe	328.000	L.F.
793-16.04	DIRECTIONAL BORE 4IN/FLEX SLEEVE	328.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	3.000	EACH
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	120.000	L.F.

**Contract ID CNX260 - CHEATHAM**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-01.04	6IN DIP SLIP JOINT WATER LINE	780.000	L.F.
795-06.33	CUT AND CAP 6IN WATER LINE	2.000	EACH
795-07.03	6IN X 6IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	1.000	EACH
795-11.02	FIRE HYDRANT ASSEMBLY	1.000	EACH
795-13.01	DI FITTINGS	650.000	LB.

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

**Contract ID CNX334 - CHEATHAM , DAVIDSON, ETC.**

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**Contract ID:** CNX334

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R3BVAR-M3-041

NA

**Counties:** CHEATHAM, DAVIDSON, ROBERTSON,  
RUTHERFORD, SUMNER, WILLIAMSON,  
WILSON

**District:**

**DBE Goal Percent:**

**Description:** The random on-call asphalt pothole patching on various Interstate and State Routes.

**Contract Time:** DT - 12/31/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
411-51.01	POTHOLE TEMPORARY REPAIR (ASPHALT)	200.000	TON
411-51.02	POTHOLE PERMANENT REPAIR (ASPHALT)	1,000.000	TON
411-51.10	INFRARED POTHOLE REPAIR (ASPHALT)	20,000.000	S.F.
712-01.08	LANE CLOSURE (INTERSTATE AND CONTROLLED ACCESS)	100.000	EACH
712-01.09	LANE CLOSURE (STATE ROUTES)	150.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	100.000	DAY
712-08.20	TRUCK MOUNTED ATTENUATOR W/MSSAGE BOARD	100.000	DAY
717-01.20	MOBILIZATION (INTERSTATE AND CONTROLLED ACCESS) (INTERSTATE AND STATE ROUTE)	100.000	EACH
717-01.21	MOBILIZATION (STATE ROUTES) (STATE ROUTES)	150.000	EACH

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

**Contract ID CNX342 - CLAY**

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**Contract ID:** CNX342

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 14945-3457-94

HSIP-1400(29)

**Counties:** CLAY

**District:**

**DBE Goal Percent:** 4.00

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

**Contract Time:** DT - 6/30/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	2.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	3,270.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	135.000	L.F.
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
713-02.14	FLEXIBLE DELINEATOR (WHITE)	37.000	EACH
713-02.20	ROADSIDE OBSTACLE DELINEATION	71.000	S.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	1,440.000	L.F.
713-02.22	BARRIER WALL DELINEATION ENHANCEMENT	400.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	1,248.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	6,836.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	740.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	965.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	78.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	310.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	48.920	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	1,825.000	L.F.
717-01	MOBILIZATION	(1)	LS

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



**Contract ID CNX309 - COFFEE**

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**Contract ID:** CNX309

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 16004-3208-94

BR-STP/HIP-2(260)

**Counties:** COFFEE

**District:**

**DBE Goal Percent:** 8.50

**Description:** The construction of a welded steel plate girder bridge on U.S. 41 (S.R. 2) over I-24 (L.M. 8.23), including grading, drainage, and paving.

**Contract Time:** DT - 8/31/2025

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	1,720.000	HOURL
202-01.13	REMOVAL OF PIPE (SIZE ,STA.) (18")	60.000	L.F.
202-08.10	REMOVAL OF CURB (DESCRIPTION) (POST CURB)	637.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	11,321.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	2,961.000	TON
203-04	PLACING AND SPREADING TOPSOIL	950.000	C.Y.
203-05	UNDERCUTTING	8,709.000	C.Y.
209-03.23	FILTER SOCK (24 INCH)	2,350.000	L.F.
209-05	SEDIMENT REMOVAL	158.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	8,922.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	5,155.000	L.F.
209-08.07	ROCK CHECK DAM	32.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	36.000	EACH
209-40.30	CATCH BASIN PROTECTION (TYPE A)	2.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	3.000	EACH
209-40.43	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	1.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	12,216.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	1,056.160	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	1,547.000	TON

**Contract ID CNX309 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	1,195.000	TON
307-01.20	ASP. CONC. MIX(PG64-22) (BPMB-HM) GR. A-S	908.000	TON
313-03	TREATED PERMEABLE BASE	3,015.000	S.Y.
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	19.500	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	65.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	11.500	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	355.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	559.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	0.750	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	140.000	TON
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	3,015.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	200.000	L.F.
604-10.51	SCARIFYING	63.000	S.Y.
606-24.13	TEMPORARY SHEET PILES	(1)	LS
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	20.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	136.000	L.F.
611-01.03	MANHOLES, > 8' - 12' DEPTH	1.000	EACH
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	1.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	935.000	L.F.
705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	3.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	1,595.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	1.000	EACH
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	1,262.000	L.F.
706-06.03	RADIUS RAIL	236.000	L.F.
707-01.50	CHAIN-LINK FENCE (___ FOOT) (8 FOOT)	235.000	L.F.

**Contract ID CNX309 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (CHAIN LINK)	235.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	5,500.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	1,307.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	111.810	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	58.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	2,848.340	L.F.
710-05	LATERAL UNDERDRAIN	390.000	L.F.
710-06.11	LATERAL UNDERDRAIN ENDWALL (2:1)	5.000	EACH
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	5.000	EACH
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	2.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	7.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.12	PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)	2,900.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	6.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	420.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	169.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	116.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,678.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	330.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	8.000	DAY
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	24,640.000	L.F.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	2,100.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	172.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	461.000	S.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	7.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	8.000	EACH
716-01.05	TEMPORARY RAISED PAVEMENT MARKER	100.000	EACH
716-01.14	RAISED PAVEMENT MARKER REMOVAL	87.000	EACH

**Contract ID CNX309 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	110.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	30.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	200.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	300.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	42.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	12.000	EACH
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	2.000	EACH
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	37,650.000	L.F.
716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	690.000	S.Y.
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	30.000	L.F.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	7.000	EACH
716-08.19	REMOVAL OF PAVEMENT MARKING (YIELD LINE)	40.000	S.F.
716-09.03	WET REFLECTIVE PAVEMENT MARKING(6" LINE)	0.600	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	4.000	L.M.
716-12.06	ENHANCED FLAT LINE THERMO (8IN LINE)	600.000	L.F.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	0.500	L.M.
717-01	MOBILIZATION	(1)	LS
730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	(1)	LS
740-07.04	GEOGRID REINFORCEMENT TYPE 2	1,802.670	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,372.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	12,101.050	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	1,905.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	307.000	UNIT
801-01.36	SPECIAL WETLAND SEED MIXTURE	6.000	UNIT
801-03	WATER (SEEDING & SODDING)	124.000	M.G.

**Contract ID CNX309 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
803-01	SODDING (NEW SOD)	11,138.000	S.Y.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EXISTING BR. NO.16-SR002-08.23)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	512.000	C.Y.
303-01.02	GRANULAR BACKFILL (BRIDGES)	94.000	TON
602-03	STEEL STRUCTURES	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	210,626.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	369.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	64,618.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	268.000	S.Y.
604-03.32	CLASS DS CONCRETE	675.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	1,087.000	S.Y.
604-04.41	THREE STAR STATE EMBLEM	4.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	2,990.000	S.Y.
604-11.01	EXPANSION DEVICE (DESCRIPTION) (ABUTMENT NO. 1 6" MOVEMENT)	98.000	L.F.
606-03.03	STEEL PILES (12 INCH)	2,418.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	66.000	EACH
617-02	BRIDGE DECK CRACK SEALING	1,102.000	L.F.
617-05	SEALANT (DESCRIPTION) (HMWM)	6.000	GAL.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	1,114.000	L.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	268.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	49.000	L.F.
712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	1,302.000	L.F.
908-21.01	BEARINGS (DESCRIPTION) (EXPANSION BEARING @ ABUTMENT NO. 1)	6.000	EACH
908-21.02	BEARINGS (DESCRIPTION) (FIXED BEARING BENT AND ABUTMENT NO 2)	12.000	EACH
790-04.02	POLE 45FT CLASS 2 WOOD	1.000	EACH
790-04.04	POLE 45FT CLASS 4 WOOD	1.000	EACH
790-07.02	POLE 60FT CLASS 2 WOOD	6.000	EACH

**Contract ID CNX309 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-20.30	TOP EXISTING POLE	5.000	EACH
790-22.15	1PH DEAD END TAP W/ EXTENSION 25KV	1.000	EACH
790-22.17	1PH DDE FEED THROUGH 25KV	1.000	EACH
790-26.14	3PH CROSSARM DBL 10FT SM ANGLE 25KV	1.000	EACH
790-26.15	3PH XARM DBL 10FT LRG COND SM ANGLE 25KV	3.000	EACH
790-26.22	3PH VERTICAL DDE ANGLE LRG COND 25KV	1.000	EACH
790-26.23	3PH VERTICAL DEAD END 25KV	1.000	EACH
790-26.26	3PH CROSSARM DEAD END 25KV	1.000	EACH
790-26.28	3PH DBL 10FT XARM DDE 25KV	3.000	EACH
790-30.03	SECONDARY ASSEMBLIES DEADEND	1.000	EACH
790-32.01	DOWN GUY - THROUGH BOLT TYPE	42.000	EACH
790-32.23	GUY GUARD	42.000	EACH
790-33.01	EXPANDING TYPE ANCHOR 6,000LB-8,000LB	4.000	EACH
790-33.02	EXPANDING TYPE ANCHOR 10,000LB-12,000LB	9.000	EACH
790-33.15	1IN TRIPLE EYE	11.000	EACH
790-36.05	TRANSFER SECONDARY	2.000	EACH
790-36.09	TRANSFER - 1TR XFMR ASSEMBLY	4.000	EACH
790-36.14	TRANSFER CONDUCTOR	4.000	EACH
790-36.15	TRANSFER FRAMING/ASSOCIATED APPARATUS	8.000	EACH
790-40.01	OH COND 4 7/1 ACSR SWANATE	1,990.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	1,825.000	L.F.
790-40.09	OH COND 336.4 18/1 ACSR MERLIN	5,475.000	L.F.
790-46.02	1PH TRANSFORMER CONV W/POLE MTD FUSE & LA	1.000	EACH
790-49.02	3PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	1.000	EACH
790-68.06	POLE TOP PROTECTION ASSEMBLY	9.000	EACH
790-68.10	MISCELLANEOUS ASSEMBLIES	11.000	EACH
790-68.11	DEAD END SHOE	1.000	EACH
790-69.08	GROUND-GROUND ROD	8.000	EACH
790-69.22	POLE TOP PIN	3.000	EACH
790-69.31	STICK PIN	4.000	EACH

**Contract ID CNX309 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-74.10	144 FIBER(MATERIAL ONLY)	2,136.000	L.F.
790-74.25	FIBER SPLICE-12 FIBER RIBBON	24.000	EACH
790-74.31	FIBER TANGENT ASSEMBLY	4.000	EACH
790-74.32	FIBER DEADEND ASSEMBLY	4.000	EACH
790-74.33	FIBER DOUBLE DEADEND ASSEMBLY	2.000	EACH
790-74.34	FIBER STORAGE SINGLE LOOP	4.000	EACH
790-98.01	REMOVE WIRE	8,976.000	L.F.
790-98.02	REMOVE POLES	6.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	76.000	EACH
790-98.04	REMOVE FIBER OPTIC CABLE	2,073.000	L.F.
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
793-10.20	EXPOSE EXISTING CABLE/CONDUIT (ALL DEPTHS)	155.000	L.F.
793-14.39	6IN SPLIT CONDUIT (FMP)	155.000	L.F.

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

**Contract ID CNX360 - COFFEE , GRUNDY, ETC.**

**Contract ID:** CNX360

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R2SVAR-F3-035

HSIP-REG2(212)

**Counties:** COFFEE, GRUNDY, WARREN

**District:**

**DBE Goal Percent:** 7.00

**Description:** The ADA curb ramp upgrades on various State Routes.

**Contract Time:** DT - 5/31/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	401.000	S.Y.
202-08.15	REMOVAL OF CURB AND GUTTER (DESCRIPTION) (DESCRIPTION)	1,733.000	L.F.
203-07	FURNISHING & SPREADING TOPSOIL	102.000	C.Y.
701-01.01	CONCRETE SIDEWALK (4 ")	3,602.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	8,283.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	759.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	172.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
713-11.01	"U" SECTION STEEL POSTS	78.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	13.000	S.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	5.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	815.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	637.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	1,246.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	36.000	S.F.
717-01	MOBILIZATION	(1)	LS
801-01	SEEDING (WITH MULCH)	10.000	UNIT



**Contract ID CNX360 - COFFEE , GRUNDY, ETC.**

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

**Contract ID CNX359 - CUMBERLAND , DEKALB, ETC.**

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**Contract ID:** CNX359

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R2SVAR-F3-034

HSIP-REG2(211)

**Counties:** CUMBERLAND, DEKALB, JACKSON,  
OVERTON, PUTNAM

**District:**

**DBE Goal Percent:** 7.00

**Description:** The ADA curb ramp upgrades on various State Routes.

**Contract Time:** DT - 5/31/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
702-03	CONCRETE COMBINED CURB & GUTTER	509.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNX267 - DAVIDSON**

**Contract ID:** CNX267

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 19028-3251-14

NH-11(81)

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:** 10.00

**Description:** The widening of U.S. 31A (S.R. 11, Nolensville Pike) from north of the Mill Creek bridge (L.M. 1.72) to S.R. 254 (Old Hickory Boulevard) (L.M. 4.24), including bridges, retaining walls, signals, and lighting.

**Contract Time:** DT - 7/31/2027

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	5,240.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 107)	(1)	LS
202-06.02	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 157)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	210,019.000	C.Y.
203-01.13	ROAD & DRAINAGE EXCAVATION (STREAM MITIGATION)	18,265.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	8,160.000	TON
203-04	PLACING AND SPREADING TOPSOIL	10,742.000	C.Y.
203-05	UNDERCUTTING	2,100.000	C.Y.
203-06	WATER	3,486.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	1,161.000	C.Y.
204-08	FOUNDATION FILL MATERIAL	162.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	273.000	C.Y.
208-01.01	DITCHES	40.000	L.F.
209-02.03	8" TEMPORARY SLOPE DRAIN	171.000	L.F.

**Contract ID CNX267 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-02.05	12" TEMPORARY SLOPE DRAIN	514.000	L.F.
209-02.06	15" TEMPORARY SLOPE DRAIN	116.000	L.F.
209-02.07	18" TEMPORARY SLOPE DRAIN	2,474.000	L.F.
209-03.36	STREAM MITIGATION-STEP POOL	10.000	EACH
209-03.41	STREAM MITIGATION - BOULDER RIFFLE	409.000	L.F.
209-03.42	STREAM MITIGATION - LIVE BRUSH LAYERING	457.000	L.F.
209-03.67	STREAM MITIGATION – WOOD TOE W/REINFORCED EARTH	241.000	L.F.
209-03.68	STREAM MITIGATION – BOULDER TOE	217.000	L.F.
209-03.99	PROTECTED AREA MARKER (WHITE WITH DECAL)	94.000	EACH
209-05	SEDIMENT REMOVAL	1,022.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	75,710.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	29,125.000	L.F.
209-08.07	ROCK CHECK DAM	26.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	15.000	EACH
209-08.09	FILTER SOCK CHECK DAM	592.000	EACH
209-09.01	SANDBAGS	1,090.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	21.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	192.000	EACH
209-40.30	CATCH BASIN PROTECTION (TYPE A)	1.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	15.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	8.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	22.000	EACH
209-40.43	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	13.000	EACH
209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	3.000	EACH
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	5.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	95.000	EACH
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	11.000	EACH
209-40.48	CATCH BASIN FILTER ASSEMBLY(TYPE 8)	4.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	34,262.000	TON

**Contract ID CNX267 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
303-01.01	GRANULAR BACKFILL (ROADWAY)	3,968.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	375.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	1,858.750	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	2,710.000	TON
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	1,500.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	16,754.720	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	21,408.810	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	14,024.320	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	200.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	720.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	43.610	TON
411-01.10	ACS MIX(PG64-22) GRADING D	1,695.060	TON
411-02.10	ACS MIX(PG70-22) GRADING D	8,222.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	5,402.000	S.Y.
604-01.01	CLASS A CONCRETE (ROADWAY)	269.000	C.Y.
604-01.20	BOX TUBE SAFETY RAIL	1,540.000	L.F.
604-07.01	RETAINING WALL (DESCRIPTION) (R1, STA. 473+65.00 TO STA. 477+20.00, RT)	1,416.000	S.F.
604-07.02	RETAINING WALL (DESCRIPTION) (R2, STA. 497+15.00, LT TO STA. 12+55.00, RT)	2,570.000	S.F.
604-07.03	RETAINING WALL (DESCRIPTION) (R3, STA. 509+40.00 TO STA. 515+75.00, LT)	8,204.000	S.F.
604-07.04	RETAINING WALL (DESCRIPTION) (R4, STA. 512+20.00 TO STA. 517+04.42, RT)	4,046.000	S.F.
604-07.05	RETAINING WALL (DESCRIPTION) (R5, STA. 517+39.40 TO STA. 522+00.00, RT)	5,748.000	S.F.
604-07.06	RETAINING WALL (DESCRIPTION) (R6, STA. 457+10.00 TO STA. 458+15.00, RT)	1,191.000	S.F.
604-07.07	RETAINING WALL (DESCRIPTION) (R7, STA. 534+80.00 TO STA. 536+50.00, RT)	483.000	S.F.
604-10.51	SCARIFYING	2,066.000	S.Y.

**Contract ID CNX267 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
607-03.30	18" PIPE CULVERT	12,328.000	L.F.
607-05.30	24" PIPE CULVERT	3,284.000	L.F.
607-06.30	30" PIPE CULVERT	1,699.000	L.F.
607-07.30	36" PIPE CULVERT	2,446.000	L.F.
607-09.30	48" PIPE CULVERT	280.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	34.000	L.F.
607-39.09	60" PIPE CULVERT (SIDE DRAIN)	48.000	L.F.
607-39.10	66" PIPE CULVERT (SIDE DRAIN)	68.000	L.F.
611-01.02	MANHOLES, > 4' - 8' DEPTH	5.000	EACH
611-01.03	MANHOLES, > 8' - 12' DEPTH	3.000	EACH
611-02.11	JUNCTION BOX, TYPE 2	1.000	EACH
611-02.12	JUNCTION BOX, TYPE 3	2.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	110.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	5,172.000	LB.
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	14.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	93.000	EACH
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	11.000	EACH
611-12.06	CATCH BASINS, TYPE 12, > 20' - 24' DEPTH	1.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	13.000	EACH
611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	1.000	EACH
611-16.02	CATCH BASINS, TYPE 16, > 4' - 8' DEPTH	1.000	EACH
611-16.03	CATCH BASINS, TYPE 16, > 8' - 12' DEPTH	2.000	EACH
611-16.04	CATCH BASINS, TYPE 16, > 12' - 16' DEPTH	1.000	EACH
611-25.01	CATCH BASINS, TYPE 25, 0' - 4' DEPTH	1.000	EACH
611-25.02	CATCH BASINS, TYPE 25, > 4' - 8' DEPTH	2.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	3.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	8.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING	1,037.000	L.F.
621-03.02	18" TEMPORARY DRAINAGE PIPE	300.000	L.F.
621-03.04	30" TEMPORARY DRAINAGE PIPE	175.000	L.F.
621-05.01	TEMPORARY SHORING	925.000	S.F.
701-01.01	CONCRETE SIDEWALK (4 ")	178,370.000	S.F.
701-02	CONCRETE DRIVEWAY	10,354.000	S.F.
701-02.03	CONCRETE CURB RAMP	6,169.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	2,611.000	C.Y.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	34.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	1.000	EACH
706-06.03	RADIUS RAIL	45.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	8,442.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	951.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	1,235.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	725.000	TON
709-05.81	ROCK RIFFLES	(1)	LS
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	25,692.000	L.F.
710-09.07	6" PERFORATED PLASTIC PIPE (FRENCH DRAIN)	21.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	16,000.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	45.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	1,290.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	1,480.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	108.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	300.000	EACH
712-06	SIGNS (CONSTRUCTION)	3,431.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	1,682.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-11.01	"U" SECTION STEEL POSTS	2,794.000	LB.
713-11.22	U POST SLIP BASE	89.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	499.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	134.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK)	390.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
713-16.20	SIGNS (DESCRIPTION) (R10-5, 30"x36")	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (R10-12, 30"X36")	5.000	EACH
713-16.23	SIGNS (DESCRIPTION) (R10-11, 30"X36")	3.000	EACH
713-16.24	SIGNS (DESCRIPTION) (R10-15, 30" X 30")	2.000	EACH
713-16.25	SIGNS (DESCRIPTION) (R10-11C, 30"X42")	1.000	EACH
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	11,000.000	L.F.
714-03.03	DIRECT BURIAL CONDUIT (DESCRIPTION) (2" PVC, SCHEDULE 80)	8,200.000	L.F.
714-05.04	PULL BOXES (TYPE C)	40.000	EACH
714-06.07	CABLE (1/C # 2 AWG)	59,500.000	L.F.
714-06.08	CABLE (DESCRIPTION) (1/C # 6 AWG)	27,600.000	L.F.
714-08.09	LIGHT STANDARDS (DESCRIPTION) (35' M.H., 10' ARM)	59.000	EACH
714-08.20	FOUNDATION (ONLY) FOR LIGHT STANDARD	59.000	EACH
714-09.09	LUMINAIRES (DESCRIPTION) (77 WATT)	17.000	EACH
714-09.10	LUMINAIRES (DESCRIPTION) (145 WATT)	121.000	EACH
714-12.01	CONTROL CENTER (NO. 1)	(1)	LS
714-12.02	CONTROL CENTER (NO. 2)	(1)	LS
714-12.03	CONTROL CENTER (NO. 3)	(1)	LS
714-14.03	MASTARM (DESCRIPTION) (MAST ARM ON UTILITY POLES)	62.000	EACH
714-25.01	ELECTRICAL CONNECTION (DESCRIPTION) (TO CC NO. A)	(1)	LS
714-25.02	ELECTRICAL CONNECTION (DESCRIPTION) (TO CC	(1)	LS



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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
714-25.03	NO. B) ELECTRICAL CONNECTION (DESCRIPTION) (TO CC NO. C)	(1)	LS
714-70.57	#4 AWG GROUND WIRE BARE SOLID COPPER	13,700.000	L.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	480.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	730.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	377.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,151.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	125.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	4,854.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	2,269.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	2.000	L.M.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	3.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	11.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	3,431.000	L.F.
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	2.000	EACH
716-04.11	PLASTIC PAVEMENT MARKING (BICYCLE SYMBOL W/RIDER)	44.000	EACH
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	1.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	19.000	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	29,558.000	L.F.
716-05.04	PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	779.000	S.Y.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	533.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	108.000	EACH
716-05.21	PAINTED PAVEMENT MARKING(4"DOTTED LINE)	3,755.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	18.700	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	1,820.000	L.F.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	1.800	L.M.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	5.000	EACH
730-02.03	SIGNAL HEAD ASSEMBLY (130 A3 WITH BACKPLATE)	8.000	EACH
730-02.08	SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED)	5.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	30.000	EACH
730-02.11	SIGNAL HEAD ASSEMBLY (130 A2 WITH BACKPLATE)	4.000	EACH
730-02.14	SIGNAL HEAD ASSEMBLY (140 A1 WITH BACKPLATE)	4.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	14.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	33.000	EACH
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	22.000	EACH
730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	5.000	EACH
730-03.33	FIBER OPTIC SPLICE FUSION	5.000	EACH
730-03.35	FIBER OPTIC TERMINATION SPLICE UNIT	5.000	EACH
730-03.36	FIBER SPLICE ENCLOSURE (DESCRIPTION) (UNDERGROUND)	5.000	EACH
730-03.40	NETWORK SWITCH (DESCRIPTION) (TYPE A)	6.000	EACH
730-03.53	FIBER OPTIC CABLE (DESCRIPTION) (144 F)	13,700.000	L.F.
730-05.01	ELECTRICAL SERVICE CONNECTION	7.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	1,200.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	6,000.000	L.F.
730-08.04	SIGNAL CABLE - 9 CONDUCTOR	3,675.000	L.F.
730-08.08	SIGNAL CABLE - 2 CONDUCTOR SHIELDED	5,600.000	L.F.
730-12.26	CONDUIT 2" DIAMETER (PVC SCHEDULE 80)	7,800.000	L.F.
730-12.27	CONDUIT 3" DIAMETER (PVC SCHEDULE 80)	10,700.000	L.F.
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (RADAR - STOP LINE)	19.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-13.09	VEHICLE DETECTOR (DESCRIPTION) (RADAR - ADVANCE)	12.000	EACH
730-14.02	SAW SLOT	420.000	L.F.
730-14.03	LOOP WIRE	1,100.000	L.F.
730-15.07	CABINET (DESCRIPTION) (PAD MOUNTED FOR SCHOOL FLASHER CONTROLLER)	1.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	6.000	EACH
730-16.03	CONTROLLER (FLASHING BEACON)	1.000	EACH
730-16.04	CONTROLLER (ATC)	6.000	EACH
730-23.28	PEDESTAL POLE (TYPE A)	7.000	EACH
730-23.29	PEDESTAL POLE (TYPE B)	1.000	EACH
730-23.56	CANTILEVER SIGNAL SUPPORT (1 ARM @ 25')	1.000	EACH
730-23.72	CANTILEVER SIGNAL SUPPORT (1 ARM @ 35')	2.000	EACH
730-23.80	CANTILEVER SIGNAL SUPPORT (1 ARM @ 40')	1.000	EACH
730-23.88	CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')	2.000	EACH
730-25.01	CANTILEVER SIGNAL SUPPORT (1 ARM @ 50')	3.000	EACH
730-25.07	CANTILEVER SIGNAL SUPPORT (1 ARM @ 55')	2.000	EACH
730-25.11	CANTILEVER SIGNAL SUPPORT (1 ARM @ 60')	3.000	EACH
730-25.13	CANTILEVER SIGNAL SUPPORT (1 ARM @ 65')	5.000	EACH
730-25.14	CANTILEVER SIGNAL SUPPORT (1 ARM @ 70')	3.000	EACH
730-25.15	CANTILEVER SIGNAL SUPPORT (1 ARM @ 75')	2.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSHBUTTON & 15IN SIGN	36.000	EACH
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	4.000	EACH
730-50.31	SCHOOL SPEED LIMIT FLASHING ASSEMBLY (HARD-WIRED)	4.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	407.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	10,000.000	S.Y.
740-11.01	TEMPORARY SEDIMENT TUBE 8IN	14,802.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	806.000	UNIT
801-01.08	SEEDING (SPECIAL MIXTURE) WITH MULCH	158.000	UNIT
801-01.65	TEMPORARY MULCH	113.000	UNIT

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-03	WATER (SEEDING & SODDING)	798.000	M.G.
802-02.30	CUTTINGS: SALIX NIGRA (18IN-24IN LENGTH)	510.000	EACH
802-02.31	CUTTINGS: SALIX SERICEA (18IN-24IN)	510.000	EACH
802-02.32	CUTTINGS: CORNUS AMOMUM (18IN-24IN)	510.000	EACH
802-02.33	CUTTINGS: SAMBUCUS CANADENSIS (18IN-24IN)	510.000	EACH
802-03.01	SHRUBS (DESCRIPTION) (BOXWOOD)	8.000	EACH
802-12.07	BETULA NIGRA (RIVER BIRCH SEEDLNG B.R.)	229.000	EACH
802-12.11	CERCIS CANADENSIS (REDBUD SEEDLNG B.R.)	47.000	EACH
802-12.19	LIRIODENDRON TULIPIFERA (TULIP POPLAR SEEDLNG B.R.)	70.000	EACH
802-12.21	NYSSA SYLVATICA (BLCKGUM SEEDLNG B.R.)	70.000	EACH
802-12.22	OSTRYA VIRGINIANA (IRONWOOD SEEDLNG B.R.)	47.000	EACH
802-12.26	PLATANUS OCCIDENTALIS (SYCAMORE SEEDLNG B.R.)	229.000	EACH
802-12.33	QUERCUS MICHAUXII (SWMP CHSTNT OAK SEEDLNG B.R.)	229.000	EACH
802-12.38	QUERCUS PHELLOS (WILLOW OAK SEEDLNG B.R.)	229.000	EACH
802-12.51	CORNUS AMOMUM (SILKY DOGWOOD SEEDLING B.R.)	380.000	EACH
802-13.51	ALNUS SERRULATA (HAZEL ALDER SDLNG BARE ROOT)	380.000	EACH
802-13.53	CEPHALANTHUS OCCIDENTALIS (BUTTONBUSH SDLNG BARE ROOT)	380.000	EACH
803-01	SODDING (NEW SOD)	71,663.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	3,963.000	S.Y.
806-02.03	PROJECT MOWING	12.000	CYCL
202-04.50	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (121' OF 4' X 4' BOX CULVERT, STA. 435+69)	(1)	LS
202-04.51	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (66' OF 4' X 3' BOX CULVERT, STA. 466+60)	(1)	LS
202-04.52	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (36' OF 2 @ 10' X 6' BOX CULVERT, STA. 529+55)	(1)	LS
202-04.53	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (74' OF 2 @ 8' X 6' BOX CULVERT, STA. 532+94)	(1)	LS

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-04.54	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (51' OF 10' SIDEWALK BRIDGE, STA. 533+14)	(1)	LS
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	153.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	30,303.000	LB.
607-50.30	PRECAST CONCRETE BOX BRIDGE (SIZE ) (28' X 7' ARCH )	134.000	L.F.
607-50.31	PRECAST CONCRETE BOX BRIDGE (SIZE ) (20' X 6' ARCH )	43.000	L.F.
790-02.03	POLE 35FT CLASS 4 WOOD	7.000	EACH
790-02.30	POLE 35FT CLASS 1 WOOD	1.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	1.000	EACH
790-04.02	POLE 45FT CLASS 2 WOOD	4.000	EACH
790-05.01	POLE 50FT CLASS 1 WOOD	8.000	EACH
790-06.01	POLE 55FT CLASS 1 WOOD	4.000	EACH
790-06.05	POLE 55 FT CLASS 1 METAL	1.000	EACH
790-06.07	POLE 55FT CLASS H1 METAL	7.000	EACH
790-06.19	POLE 55FT CLASS H1 WOOD	1.000	EACH
790-07.01	POLE 60FT CLASS 1 WOOD	3.000	EACH
790-07.09	POLE 60FT CLASS H3 METAL	25.000	EACH
790-07.18	POLE 60FT CLASS H5 METAL	4.000	EACH
790-08.05	POLE 65FT CLASS H3 METAL	23.000	EACH
790-08.31	POLE 65FT CLASS H5 METAL	11.000	EACH
790-09.08	POLE 70FT CLASS H5 METAL	2.000	EACH
790-20.01	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (60FT CLASS H8 METAL)	1.000	EACH
790-20.02	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (65FT CLASS H8 METAL)	1.000	EACH
790-22.01	1PH SGL PRIMARY SUPPORT 25KV	3.000	EACH
790-22.10	1PH SUSPENSION ANGLE 25KV	1.000	EACH
790-22.12	1PH DEAD END MISC 25KV	1.000	EACH
790-22.13	1PH DEAD END 25KV	3.000	EACH
790-22.14	1PH DEAD END TAP 25KV	12.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-22.16	1PH DDE TANGENT 25KV	4.000	EACH
790-22.19	1PH CROSSARM DBL TANGENT 25KV	3.000	EACH
790-26.01	3PH CROSSARM 25KV	1.000	EACH
790-26.03	3PH CROSSARM SGL LRG COND 25KV	9.000	EACH
790-26.10	3PH VERTICAL TANGENT 25KV	44.000	EACH
790-26.14	3PH CROSSARM DBL 10FT SM ANGLE 25KV	3.000	EACH
790-26.15	3PH XARM DBL 10FT LRG COND SM ANGLE 25KV	8.000	EACH
790-26.17	3PH VERTICAL MED ANGLE 25KV	1.000	EACH
790-26.20	3PH VERTICAL ANGLE LRG COND 25KV	9.000	EACH
790-26.23	3PH VERTICAL DEAD END 25KV	14.000	EACH
790-26.26	3PH CROSSARM DEAD END 25KV	15.000	EACH
790-26.27	3PH CROSSARM DBL DDE 25KV	7.000	EACH
790-26.28	3PH DBL 10FT XARM DDE 25KV	4.000	EACH
790-26.29	3PH DDE UNBALANCED LOAD 25KV	2.000	EACH
790-30.06	SECONDARY CONDUCTOR 6 AL DUPLEX	1,797.000	L.F.
790-30.14	SECONDARY CONDUCTOR 1/0 AL TRIPLEX	209.000	L.F.
790-30.22	SECONDARY CONDUCTOR 1/0 AL QPLEX	242.000	L.F.
790-31.02	SERVICE ASSEMBLY-POLE TYPE	11.000	EACH
790-31.11	SERVICE CONDUCTOR 2 AL TRIPLEX	1,537.000	L.F.
790-32.19	DN GUY HVY CONST - 1 PREFORM	72.000	EACH
790-32.30	OVERHEAD GUY HEAVY CONSTRUCTION - PREFORM	2.000	EACH
790-33.17	ROCK ANCHOR EXPANDING TYPE	19.000	EACH
790-33.26	SCREW TYPE ANCHOR 28,000LB	19.000	EACH
790-36.01	SWITCH-900A-UNDERSLUNG	18.000	EACH
790-36.04	TRANSFER SERVICE	3.000	EACH
790-36.06	TRANSFER LIGHT	8.000	EACH
790-36.15	TRANSFER FRAMING/ASSOCIATED APPARATUS	8.000	EACH
790-40.02	OH COND 2 7/1 ACSR SPARATE	14,036.000	L.F.
790-40.06	OH COND 4/0 6/1 ACSR PENGUIN	239.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-40.15	OH COND 477 18/1 ACSR PELICAN	14,703.000	L.F.
790-40.23	OH COND 795 36/1 ACSR COOT	41,958.000	L.F.
790-41.12	UG PRI COND 1 AL 25KV	2,139.000	L.F.
790-41.58	UG SEC COND 4/0 AL QPLX	51.000	L.F.
790-41.64	UG SEC COND SGL COND _____ (350 CABLE W/ 2/0 NEU)	532.000	L.F.
790-42.10	4IN DIA PVC PIPE	127.000	L.F.
790-42.16	1 DUCT @ 36IN-48IN DEPTH	331.000	L.F.
790-42.18	3 DUCT BANK @ 36IN-48IN DEPTH	102.000	L.F.
790-42.38	CONDUIT (DESCRIPTION) (2 1/2IN PVC)	306.000	L.F.
790-43.17	LOADBREAK ELBOW 200A 25KV	16.000	EACH
790-43.47	PRIMARY PULLBOX	1.000	EACH
790-43.51	SECONDARY RISER W/ 3IN CONDUIT	4.000	EACH
790-43.52	SECONDARY RISER W/ 4IN CONDUIT	1.000	EACH
790-43.53	1PH PRIMARY RISER W/ 3IN CONDUIT	1.000	EACH
790-43.62	3PH PRIMARY RISER W/ 4IN CONDUIT	4.000	EACH
790-46.02	1PH TRANSFORMER CONV W/POLE MTD FUSE & LA	14.000	EACH
790-49.02	3PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	7.000	EACH
790-59.04	HOOK STICK SWITH LINE TENSION-SNGL 25KV	9.000	EACH
790-59.05	GOLB SWITCH 25KV	1.000	EACH
790-61.01	1PH FUSE CUTOUT XARM MOUNT 25KV	58.000	EACH
790-65.05	LIGHTNING ARRESTER ARM MTD 18 KV	12.000	EACH
790-68.10	MISCELLANEOUS ASSEMBLIES	6.000	EACH
790-68.13	SGL PHASE MOUNTING BRACKET - FIBERGLASS	2.000	EACH
790-68.14	3 MOUNTING BRACKET - FIBERGLASS	7.000	EACH
790-69.27	EXTENSION LINK - EPOXY -4FT	13.000	EACH
790-69.42	EXTENSION LINK - EPOXY -10FT	60.000	EACH
790-98.01	REMOVE WIRE	27,716.000	L.F.
790-98.02	REMOVE POLES	107.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	556.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
791-01.02	2IN STEEL GAS MAIN	1,250.000	L.F.
791-01.04	4IN STEEL GAS MAIN	1,050.000	L.F.
791-01.05	6IN STEEL GAS MAIN	12,000.000	L.F.
791-02.02	2IN MDPE GAS MAIN	75.000	L.F.
791-02.04	4IN MDPE GAS MAIN	400.000	L.F.
791-04.29	HDD 2IN STEEL PIPE - ROCK	400.000	L.F.
791-04.32	HDD 6IN STEEL PIPE - ROCK	1,600.000	L.F.
791-05.44	BORE/JACK 6IN - STEEL CARRIER PIPE	113.000	L.F.
791-06.02	CONNECT TO 2IN EX. PE MAIN	2.000	EACH
791-06.03	CONNECT TO 4IN EX. PE MAIN	4.000	EACH
791-06.31	CONNECT TO 2IN EX. STL MAIN W/ STOPPLE	9.000	EACH
791-06.32	CONNECT TO 4IN EX. STL MAIN W/ STOPPLE	8.000	EACH
791-07.01	2IN PE GAS VALVE ASSEMBLY	1.000	EACH
791-07.09	2IN STEEL GAS VALVE ASSEMBLY	8.000	EACH
791-07.10	4IN STEEL GAS VALVE ASSEMBLY	2.000	EACH
791-07.11	6IN STEEL GAS VALVE ASSEMBLY	3.000	EACH
791-07.16	( <u>  </u> )IN STEEL GAS VALVE ASSEMBLY (3/4 IN)	1.000	EACH
791-08.12	3/4IN STEEL SERVICE PIPE	1,150.000	L.F.
791-08.22	HDD 3/4IN STEEL SERVICE PIPE	250.000	L.F.
791-08.40	RECONNECT SERVICE ASSEMBLY	28.000	EACH
791-09.02	3-WIRE CATHODIC PROTECTION STATION	15.000	EACH
791-09.03	17LB MAGNESIUM ANODES	33.000	EACH
791-09.09	REGULATOR STATION TIE-IN ONLY	2.000	EACH
791-10.04	RETIRE IN PLACE 2IN SERV CUT & PLUG	30.000	EACH
791-10.10	RETIRE GAS MAIN	(1)	LS
791-12.32	2IN ANSI 600 WELD-IN INSULATOR	2.000	EACH
791-12.33	4IN ANSI 600 WELD-IN INSULATOR	2.000	EACH
791-12.34	6IN ANSI 600 WELD-IN INSULATOR	2.000	EACH
791-99.02	CLEAN UP RESTORATION & CLOSEOUT	(1)	LS



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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-01.13	POLE 40FT CLASS 5 WOOD	10.000	EACH
793-01.40	ANCHOR 3/4IN	12.000	EACH
793-01.41	ANCHOR 1IN	30.000	EACH
793-01.99	INSTALL POLE NUMBER	18.000	EACH
793-02.07	GUY WIRE 6.6M OR 1/4IN	5.000	EACH
793-02.08	GUY WIRE 10M OR 3/8IN	13.000	EACH
793-02.94	OVERHEAD GUY WIRE (DESCRIPTION) (PE2-3G)	3.000	EACH
793-02.99	INSTALL GUY GUARD	15.000	EACH
793-03.01	25 PAIR GROUP AERIAL SPLICE	626.000	EACH
793-03.02	6M STRAND	13,662.000	L.F.
793-03.03	10M STRAND	7,366.000	L.F.
793-03.12	50 PAIR CABLE	866.000	L.F.
793-03.16	200 PAIRCABLE	1,182.000	L.F.
793-03.17	300 PAIR CABLE	240.000	L.F.
793-03.19	600 PAIR CABLE	2,070.000	L.F.
793-03.40	INSTALL STRAND BOND	38.000	EACH
793-04.01	RELASH/DELASH CABLE	200.000	L.F.
793-04.06	READY ACCESS CLOSURE	15.000	EACH
793-04.07	AERIAL SPLICE CLOSURE	3.000	EACH
793-04.21	3 PAIR AERIAL DROP	350.000	L.F.
793-04.25	HOT SPLICE EXISTING CABLES	2,052.000	EACH
793-07.01	12 FIBER (MATERIAL ONLY)	582.000	L.F.
793-07.04	48 FIBER(MATERIAL ONLY)	220.000	L.F.
793-07.05	96 FIBER(MATERIAL ONLY)	3,588.000	L.F.
793-07.12	432 FIBER(MATERIAL ONLY)	14,662.000	L.F.
793-07.16	12-96 FIBER(INSTALLATION ONLY)	4,390.000	L.F.
793-07.22	FIBER SPLICE-12 FIBER RIBBON	36.000	EACH
793-07.23	FIBER OPTIC MAINTENANCE LOOP	5.000	EACH
793-07.25	SINGLE FIBER OPTIC CABLE SPLICE	140.000	EACH
793-07.41	HOT SPLICE EXISTING FIBER CABLES	112.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-07.90	INSTALL FIBER STORAGE BRACKET	11.000	EACH
793-11.17	COMPOSITE HANDHOLE 5FTX3FTX3FT	1.000	EACH
793-11.20	HANDHOLE 30INX48IN	5.000	EACH
793-11.50	REARRANGE EXISTING SPLICE CASE	3.000	EACH
793-11.58	REMOVE HANDHOLE	12.000	EACH
793-13.07	4IN SCHEDULE 40 PVC	478.000	L.F.
793-13.09	2IN SCHEDULE 40 PVC	80.000	L.F.
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	386.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	86.000	L.F.
793-14.19	4IN SCH 80 ORANGE FLEXPipe	3,714.000	L.F.
793-14.26	UNDERGROUND TO OVERHEAD RISER	2.000	EACH
793-15.01	TRANSFER CABLE ATTACHMENT	54.000	EACH
793-16.04	DIRECTIONAL BORE 4IN/FLEX SLEEVE	3,714.000	L.F.
793-98.01	REMOVE AERIAL CABLE AND WIRE	7,759.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	90.000	EACH
793-98.08	REMOVE ANCHOR (ANY SIZE)	16.000	EACH
793-98.09	REMOVE DOWN GUY	16.000	EACH
795-01.01	4IN DIP RESTRAINED JOINT WATER LINE	300.000	L.F.
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	800.000	L.F.
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	3,100.000	L.F.
795-01.07	10IN DIP RESTRAINED JOINT WATER LINE	250.000	L.F.
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	13,600.000	L.F.
795-01.19	24IN DIP RESTRAINED JOINT WATER LINE	4,700.000	L.F.
795-01.31	3IN DIP RESTRAINED JOINT WATER LINE	50.000	L.F.
795-06.01	CONNECT TO 2IN WATER LINE	2.000	EACH
795-06.04	CONNECT TO 6IN WATER LINE	10.000	EACH
795-06.05	CONNECT TO 8IN WATER LINE	15.000	EACH
795-06.06	CONNECT TO 10IN WATER LINE	1.000	EACH
795-06.07	CONNECT TO 12IN WATER LINE	2.000	EACH
795-06.09	CONNECT TO 16IN WATER LINE	1.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-06.12	CONNECT TO 24IN WATER LINE	6.000	EACH
795-06.33	CUT AND CAP 6IN WATER LINE	7.000	EACH
795-06.34	CUT AND CAP 8IN WATER LINE	35.000	EACH
795-06.37	CUT AND CAP 12IN WATER LINE	3.000	EACH
795-06.39	CUT AND CAP 16IN WATER LINE	1.000	EACH
795-06.43	CUT AND CAP 24IN WATER LINE	6.000	EACH
795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	1.000	EACH
795-08.01	2IN GATE VALVE ASSEMBLY	3.000	EACH
795-08.02	3IN GATE VALVE ASSEMBLY	1.000	EACH
795-08.03	4IN GATE VALVE ASSEMBLY	5.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	26.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	26.000	EACH
795-08.09	12IN GATE VALVE ASSEMBLY	20.000	EACH
795-08.20	24IN GATE VALVE ASSEMBLY	6.000	EACH
795-09.01	3/4IN WATER SERVICE METER ASSEMBLY	7.000	EACH
795-09.04	2IN WATER SERVICE METER ASSEMBLY	3.000	EACH
795-09.08	8IN WATER SERVICE METER ASSEMBLY	1.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	20.000	EACH
795-09.10	SAMPLE TAP	10.000	EACH
795-09.12	2IN COPPER SERVICE PIPE	220.000	L.F.
795-09.28	3/4IN COPPER SERVICE PIPE	1,100.000	L.F.
795-09.29	1IN COPPER SERVICE PIPE	200.000	L.F.
795-10.09	4IN AUTO AIR RELEASE VALVE ASSEMBLY	2.000	EACH
795-11.02	FIRE HYDRANT ASSEMBLY	15.000	EACH
795-11.06	RELOCATE FIRE PROTECTION METER	5.000	EACH
795-11.07	FIRE AND DOMESTIC APPARATUSES	4.000	EACH
795-11.12	RETIRE IN PLACE EXISTING WATER MAIN	21,000.000	L.F.
795-12.01	REMOVE FIRE HYDRANT	10.000	EACH
795-12.02	REMOVAL OF EXISTING LINE	(1)	LS
795-12.03	PIPE GROUTING	(1)	LS

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-12.04	REMOVE EX BACKFLOW APPARATUS	(1)	LS
795-12.08	REMOVE WATER METER	6.000	EACH
795-13.01	DI FITTINGS	42,000.000	LB.
795-15.04	18IN STEEL CASING PIPE OPEN CUT METHOD	980.000	L.F.
795-15.07	24IN STEEL CASING PIPE OPEN CUT METHOD	48.000	L.F.
795-15.25	16IN STEEL CASING PIPE OPEN CUT METHOD	100.000	L.F.
795-16.15	RELOCATE/RECONNECT BACKFLOW ASSEMBLY	4.000	EACH
795-16.16	RELOCATE/RECONNECT 3/4IN WATER METER ASSEMBLY	40.000	EACH
795-16.17	RELOCATE/RECONNECT 1IN WATER METER ASSEMBLY	1.000	EACH
795-16.21	RELOCATE/RECONNECT 2IN WATER METER ASSEMBLY	1.000	EACH
795-16.23	RELOCATE/RECONNECT 4IN WATER METER ASSM	2.000	EACH
795-16.25	RELOCATE/RECONNECT 6IN WATER METER ASSEMBLY	1.000	EACH
795-16.30	RELOCATE/RECONNECT 3IN SERVICE ASSEMBLY	1.000	EACH
795-16.91	RELOCATE 3/4 IN DOUBLE DET CHECK VALVE W/NEW BOX	4.000	EACH
795-16.92	RELOCATE 2IN REDUCED PRESSURE BACKFLOW PREVENTER W/NEW BOX	3.000	EACH
795-16.93	RELOCATE 3IN DOUBLE DET CHECK VALVE W/NEW BOX	1.000	EACH
795-16.94	RELOCATE 4IN DOUBLE DET CHECK VALVE W/NEW BOX	1.000	EACH
795-16.96	RELOCATE 6IN DOUBLE DET CHECK VALVE W/NEW BOX	1.000	EACH
795-16.98	RELOCATE 8IN DOUBLE DET CHECK VALVE W/NEW BOX	1.000	EACH
795-21.01	RETIRE WATER METER ASSEMBLIES	(1)	LS
795-99.01	4FT X 4FT METER VAULT	1.000	EACH
795-99.02	4FT X 6FT METER VAULT	1.000	EACH
795-99.03	6FT X 6FT METER VAULT	1.000	EACH
797-05.02	8IN DIP GRAVITY SEWER 6FT-12FT DEPTH	30.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
797-05.03	8IN DIP GRAVITY SEWER 12FT-18FT DEPTH	248.000	L.F.
797-05.51	8IN PVC GRAVITY SEWER 0FT-6FT DEPTH	267.000	L.F.
797-05.52	8IN PVC GRAVITY SEWER 6FT-12FT DEPTH	2,550.000	L.F.
797-05.53	8IN PVC GRAVITY SEWER 12FT-18FT DEPTH	337.000	L.F.
797-05.54	8IN PVC GRAVITY SEWER >18FT DEPTH	36.000	L.F.
797-05.56	10IN PVC GRAVITY SEWER 6FT-12FT DEPTH	735.000	L.F.
797-05.57	10IN PVC GRAVITY SEWER 12FT-18FT DEPTH	107.000	L.F.
797-06.64	BORE/JACK 16IN STEEL CASING PIPE-UNCON.	66.000	L.F.
797-07.02	48IN MANHOLE 4FT-6FT DEPTH	3.000	EACH
797-07.03	48IN MANHOLE 6FT-8FT DEPTH	10.000	EACH
797-07.04	48IN MANHOLE 8FT-10FT DEPTH	9.000	EACH
797-07.05	48IN MANHOLE 10FT-12FT DEPTH	4.000	EACH
797-07.06	48IN MANHOLE 12FT-14FT DEPTH	1.000	EACH
797-07.07	48IN MANHOLE 14FT-16FT DEPTH	2.000	EACH
797-07.08	48IN MANHOLE 16FT-20FT DEPTH	3.000	EACH
797-07.09	48IN MANHOLE 20FT-24FT DEPTH	1.000	EACH
797-07.56	MANHOLE DROP CONNECTION ASSEMBLY	5.000	EACH
797-07.75	TRAFFIC RATED FRAMES AND COVERS	28.000	EACH
797-07.80	REMOVE SEWER MANHOLE	8.000	EACH
797-08.05	6IN PVC PIPE FOR SERVICE LATERAL	200.000	L.F.
797-08.07	4IN CLEAN OUT ASSEMBLY	20.000	EACH
797-08.08	6IN CLEAN OUT ASSEMBLY	40.000	EACH
797-09.44	CUT AND CAP 8IN GRAVITY	1.000	EACH
797-10.01	CONNECT 6IN SEWER TO EXIST. MANHOLE	2.000	EACH
797-10.02	CONNECT 8IN SEWER TO EXIST. MANHOLE	5.000	EACH
797-10.07	CONNECT 8IN LATERAL TO SEWER LINE	2.000	EACH
797-10.09	CONNECT EX. 8IN SEWER TO NEW MANHOLE	9.000	EACH
797-11.15	48IN MH ADJUSTMENT INCREASE HEIGHT	8.000	V.F.
797-11.20	48IN MH ADJUSTMENT DECREASE HEIGHT	4.000	V.F.
797-11.25	RETIRED IN PLACE 48IN MANHOLE	8.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
797-11.30	RETIREIN PLACE EXISTING SEWER <8IN	1,667.000	L.F.
797-11.31	RETIREIN PLACE EXISTING SEWER 8IN-14IN	983.000	L.F.
797-11.34	REMOVE EXISTING SEWER <8IN	567.000	L.F.
797-11.40	RESTORE ASPHALT	150.000	S.Y.
797-11.41	RESTORE CONCRETE	50.000	S.Y.
797-11.42	RESTORE GRAVEL	40.000	S.Y.

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

**Contract ID CNX331 - DAVIDSON , HUMPHREYS, ETC.**

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**Contract ID:** CNX331

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R3SVAR-M3-058

NA

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

**District:**

**DBE Goal Percent:**

**Description:** The sweeping on various State Routes.

**Contract Time:** DT - 2/28/2025

Item No.	Description	Quantity	Units
719-01	SWEEPING	7,786.000	L.M.

( ) Item will be bid as lump sum.

**Contract ID CNX332 - DAVIDSON , MONTGOMERY, ETC.**

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**Contract ID:** CNX332

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R3SVAR-M3-059

NA

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

**District:**

**DBE Goal Percent:**

**Description:** The drain cleaning on various State Routes.

**Contract Time:** DT - 2/28/2025

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.10	CLEAN DRAIN (TRENCH DRAIN)	650.000	L.F.
611-07.11	CLEAN DRAIN(WITH GRATE)	2,370.000	EACH
611-07.12	CLEAN DRAIN(WALL DRAIN)	620.000	EACH
611-07.13	PIPE CLEANING (<18IN DIA.)	100.000	L.F.
611-07.14	PIPE CLEANING (>OR=18IN DIA.)	100.000	L.F.
611-07.20	HEAVY DRAIN CLEANING	5.000	EACH
712-01.02	LANE CLOSURE	40.000	EACH

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



**Contract ID CNX335 - DAVIDSON , SMITH, ETC.**

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**Contract ID:** CNX335

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R3SVAR-F3-035

HSIP-REG3(217)

**Counties:** DAVIDSON, SMITH, SUMNER, WILLIAMSON

**District:**

**DBE Goal Percent:** 7.50

**Description:** The ADA curb ramp upgrades on various State Routes.

**Contract Time:** DT - 6/30/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	175.000	S.Y.
701-01.01	CONCRETE SIDEWALK (4 ")	1,511.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	10,977.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	1,654.000	S.F.
702-01	CONCRETE CURB	2.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	42.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	387.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	90.000	S.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	2.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	4,478.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	3,550.740	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	4,222.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	120.000	S.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNX251 - DICKSON**

**Contract ID:** CNX251

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 22015-3214-94

BR-STP/HIP-46(33)

**Counties:** DICKSON

**District:**

**DBE Goal Percent:** 9.50

**Description:** The construction of a concrete box beam bridge on S.R. 46 over Yellow Creek (L.M. 19.06), including grading, drainage, and paving.

**Contract Time:** DT - 6/30/2025

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	1,180.000	HOURL
201-01	CLEARING AND GRUBBING	(1)	LS
202-01.56	REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (STEPS AND CONCRETE WALK)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	8,089.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	14,500.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	2,146.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	894.000	C.Y.
203-05	UNDERCUTTING	450.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
209-05	SEDIMENT REMOVAL	94.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	5,772.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	1,432.000	L.F.
209-08.05	ENHANCED SILT FENCE CHECK (V-DITCH)	4.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	2.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	4.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	471.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	2,701.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	132.000	TON
303-10.04	MINERAL AGGREGATE (SIZE ) (SIZE **)	1,855.000	TON

**Contract ID CNX251 - DICKSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	241.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	468.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	7.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	21.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	3.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	67.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	272.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (8IN WIDTH)	1.000	L.M.
607-03.30	18" PIPE CULVERT	60.000	L.F.
607-07.30	36" PIPE CULVERT	39.000	L.F.
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
705-01.14	ROCK DRILLING FOR GUARDRAIL POST	66.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	975.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	1.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	2.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	2.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	1.000	EACH
706-01	GUARDRAIL REMOVED	325.000	L.F.
706-06.03	RADIUS RAIL	120.670	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	412.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	10.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	102.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	286.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	1,678.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	450.000	L.F.

**Contract ID CNX251 - DICKSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	30.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	16.000	EACH
712-06	SIGNS (CONSTRUCTION)	765.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	138.000	L.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	3,852.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	57.000	L.F.
713-02.04	DELINEATOR (MILE MARKER) & STEEL POST	1.000	EACH
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.20	SIGNS (DESCRIPTION) (R1-1)	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (OM-3L)	2.000	EACH
713-16.22	SIGNS (DESCRIPTION) (OM-3R)	2.000	EACH
713-16.23	SIGNS (DESCRIPTION) (TN-5)	2.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	11.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	7.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	14.000	L.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	2.000	L.M.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	1.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.000	L.M.
717-01	MOBILIZATION	(1)	LS
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
740-07.04	GEOGRID REINFORCEMENT TYPE 2	3,133.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	919.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	848.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	1,332.000	L.F.
801-01	SEEDING (WITH MULCH)	12.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	126.000	UNIT

**Contract ID CNX251 - DICKSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-01.34	GRASS SEED MIX (RIPZN/FLPL)	23.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	63.000	UNIT
801-03	WATER (SEEDING & SODDING)	20.000	M.G.
802-01.10	TREES (DESCRIPTION) (RED MAPLE)	8.000	EACH
802-01.11	TREES (DESCRIPTION) (SUGAR MAPLE)	8.000	EACH
802-12.01	ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)	37.000	EACH
802-12.26	PLATANUS OCCIDENTALIS (SYCAMORE SEEDLNG B.R.)	37.000	EACH
802-12.40	SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)	717.000	EACH
805-12.02	EROSION CONTROL BLANKET (TYPE II)	8,251.000	S.Y.
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BR. NO. 22-SR046-19.06)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	276.000	C.Y.
204-14	CORE DRILLING FOR PILES(ROCK)	313.000	L.F.
204-15	CORE DRILLING FOR PILES(SOIL)	961.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	64.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	93,089.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	124.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	26,570.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	218.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	364.000	C.Y.
604-03.74	CLASS X CONCRETE	62.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	1,464.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	1,411.000	S.Y.
606-03.03	STEEL PILES (12 INCH)	585.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	20.000	EACH
606-20.03	STEEL PIPE PILES (18-INCH)	1,460.000	L.F.
606-20.06	PILE TIPS (STEEL PIPE PILES, 18-INCH)	18.000	EACH
615-02.25	PRESTRESSED CONCRETE BOX BEAM (39" X 48")	1,373.000	L.F.
617-02	BRIDGE DECK CRACK SEALING	332.000	L.F.

**Contract ID CNX251 - DICKSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
617-05	SEALANT (DESCRIPTION) (HMWM)	2.000	GAL.
620-05.02	STANDARD CONCRETE CLASSIC PARAPET RAIL	618.000	L.F.
621-05.02	TEMPORARY SHORING	(1)	LS
625-02.40	DRILLED SHAFT (SH-SCC) CONCRETE	84.000	C.Y.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	170.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	30.000	L.F.
793-01.12	POLE 40FT CLASS 4 WOOD	4.000	EACH
793-01.41	ANCHOR 1IN	2.000	EACH
793-13.07	4IN SCHEDULE 40 PVC	890.000	L.F.
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	890.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	2.000	EACH
795-02.03	4IN HDPE WATER LINE	5.000	L.F.
795-02.04	6IN HDPE WATER LINE	415.000	L.F.
795-02.34	8IN HDPE WATER LINE (HDD)	520.000	L.F.
795-06.32	CUT AND CAP 4IN WATER LINE	2.000	EACH
795-07.01	4IN X 4IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-10.31	2IN BLOW-OFF ASSEMBLY	1.000	EACH
795-13.01	DI FITTINGS	142.000	LB.
795-13.02	HDPE FITTINGS	59.000	LB.

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

**Contract ID CNX356 - FAYETTE , LAUDERDALE, ETC.**

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**Contract ID:** CNX356

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R4SVAR-F3-024

HSIP-REG4(222)

**Counties:** FAYETTE, LAUDERDALE, SHELBY

**District:**

**DBE Goal Percent:** 7.00

**Description:** The ADA curb ramp upgrades on various State Routes.

**Contract Time:** DT - 5/31/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	210.000	S.Y.
701-01.01	CONCRETE SIDEWALK (4 ")	1,865.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	45,632.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	2,900.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	14,421.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	6,638.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	5,584.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	15.000	S.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNX318 - GREENE**

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**Contract ID:** CNX318

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 30S070-M3-003

n/a

**Counties:** GREENE

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 70 over the Nolichucky River (L.M. 8.50).

**Contract Time:** DT - 5/31/2024

Item No.	Description	Quantity	Units
201-05.31	VEGETATION REMOVAL	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EXIST. PABE, BR. NO. 30-SR070-08.50)	(1)	LS
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	280.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	42.000	TON
303-10.04	MINERAL AGGREGATE (SIZE ) (SIZE )	1,105.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	13.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	9.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	0.200	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	0.800	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.700	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	146.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	133.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	3,691.000	S.Y.
604-03.04	PAVEMENT @ BRIDGE ENDS	245.000	S.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	570.000	S.Y.
604-10.05	CONCRETE	83.000	S.F.
604-10.14	REMOVE EXISTING WEARING SURFACE	(1)	LS
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	10.000	S.Y.
604-10.54	CONCRETE REPAIRS	83.000	S.F.



**Contract ID CNX318 - GREENE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.55	CONCRETE (FOUNDATION REPAIRS)	5.000	C.Y.
604-10.58	EPOXY INJECTION (INJECTION)	25.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	251.000	L.F.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	2,951.000	S.Y.
705-10.31	GUARDRAIL ATTACHMENT TO VERTICAL FACE ENDPOST	26.000	L.F.
706-01	GUARDRAIL REMOVED	26.000	L.F.
709-01.01	RUBBLE STONE RIP-RAP	5.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	870.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	33.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	35.000	EACH
712-06	SIGNS (CONSTRUCTION)	496.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	24.000	L.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	9,000.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	48.000	L.F.
713-02.26	CONCRETE BARRIER/PARAPET DELINEATOR	102.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.900	L.M.
717-01	MOBILIZATION	(1)	LS
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
740-07.04	GEOGRID REINFORCEMENT TYPE 2	1,800.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	450.000	S.Y.

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

**Contract ID CNX320 - HAMBLEN**

**Contract ID:** CNX320

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 32004-3228-04

N/A

**Counties:** HAMBLEN

**District:**

**DBE Goal Percent:**

**Description:** The improvement of the intersection on U.S. 11E (S.R. 34) at S.R. 474 (Merchants Greene Boulevard) (L.M. 4.61) in Morristown, including grading, drainage, signals, and paving.

**Contract Time:** DT - 9/30/2024

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-01.13	REMOVAL OF PIPE (SIZE ,STA.) (SIZE 18" ,STA. 61+72.00)	44.000	L.F.
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1.000	EACH
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	356.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	57.000	C.Y.
203-06	WATER	7.000	M.G.
208-01.05	BROOMING & DEGRASSING SHOULDERS	0.900	L.M.
209-05	SEDIMENT REMOVAL	26.000	C.Y.
209-40.30	CATCH BASIN PROTECTION (TYPE A)	2.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	4.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	462.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	19.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	5.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	357.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	276.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	1.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	220.000	TON

**Contract ID CNX320 - HAMBLEN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	197.000	TON
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	247.000	L.F.
611-01.02	MANHOLES, > 4' - 8' DEPTH	1.000	EACH
611-07.73	18IN ENDWALL (MEDIAN DRAIN)	1.000	EACH
611-25.02	CATCH BASINS, TYPE 25, > 4' - 8' DEPTH	2.000	EACH
611-26.02	CATCH BASINS, TYPE 26, > 4' - 8' DEPTH	1.000	EACH
701-01.01	CONCRETE SIDEWALK (4 ")	2,171.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	250.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	74.000	C.Y.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	50.000	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	1,318.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	4.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	65.000	EACH
712-06	SIGNS (CONSTRUCTION)	475.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	1.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	1,318.000	L.F.
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	6,177.000	L.F.
712-09.30	REMOVABLE BLACK-OUT TAPE (6")	2,510.000	L.F.
712-09.31	REMOVABLE BLACK-OUT TAPE (8IN)	1,397.000	L.F.
713-02.14	FLEXIBLE DELINEATOR (WHITE)	18.000	EACH
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	2.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	10.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	10.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	85.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	205.000	L.F.

**Contract ID CNX320 - HAMBLEN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	17.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	316.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	320.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	0.300	L.M.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	1.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	3.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	294.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	15.000	S.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	0.400	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	2.000	L.M.
717-01	MOBILIZATION	(1)	LS
730-01.01	REMOVE & RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	1.000	EACH
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.03	SIGNAL HEAD ASSEMBLY (130 A3 WITH BACKPLATE)	2.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	2.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	5.000	EACH
730-05.04	MODIFY EXISTING ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	59.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,664.000	L.F.
730-08.04	SIGNAL CABLE - 9 CONDUCTOR	873.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC SCHEDULE 40)	70.000	L.F.
730-12.03	CONDUIT 3" DIAMETER (PVC SCHEDULE 40)	32.000	L.F.
730-12.23	CONDUIT 2" DIAMETER (DIRECTIONAL BORE)	467.000	L.F.
730-12.24	CONDUIT 3" DIAMETER (DIRECTIONAL BORE)	258.000	L.F.
730-12.26	CONDUIT 2" DIAMETER (PVC SCHEDULE 80)	17.000	L.F.
730-15.11	MODIFY CABINET (DESCRIPTION) (INSTALL PEDESTRIAN UPDATES)	1.000	EACH

**Contract ID CNX320 - HAMBLEN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-23.30	PEDESTAL POLE (DESCRIPTION) (TYPE A)	3.000	EACH
730-25.17	CANTILEVER SIGNAL SUPPORT (1 ARM @ 85')	1.000	EACH
730-26.05	COUNTDOWN PEDESTRIAN SIGNAL	2.000	EACH
730-26.06	PEDESTRIAN PUSHBUTTON POST	1.000	EACH
730-26.09	PEDESTRIAN PUSHBUTTON WITH 15IN SIGN	2.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSHBUTTON & 15IN SIGN	6.000	EACH
740-06.01	GEOMEMBRANE	188.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	140.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	301.000	L.F.
801-01	SEEDING (WITH MULCH)	7.000	UNIT
801-03	WATER (SEEDING & SODDING)	0.700	M.G.
803-01	SODDING (NEW SOD)	366.000	S.Y.

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

**Contract ID CNX358 - HAMILTON**

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**Contract ID:** CNX358

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 33005-3179-44  
33960-3531-54

NH-I-75-1(144)  
STP-M-4986(1)

**Counties:** HAMILTON

**District:**

**DBE Goal Percent:** 9.50

**Description:** The grading, drainage, construction of bridges and retaining walls, ITS, signals and paving with Portland Cement Concrete on I-75 and Hamilton Place Boulevard at the Hamilton Place Mall interchange.

**Contract Time:** DT - 5/31/2027

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	6,740.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-01.01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-02.21	REMOVAL OF PIPE (DESCRIPTION) (12" PIPE)	33.000	L.F.
202-02.22	REMOVAL OF PIPE (DESCRIPTION) (15" PIPE)	901.000	L.F.
202-02.23	REMOVAL OF PIPE (DESCRIPTION) (18" PIPE)	495.000	L.F.
202-02.24	REMOVAL OF PIPE (DESCRIPTION) (24" PIPE)	35.000	L.F.
202-02.25	REMOVAL OF PIPE (DESCRIPTION) (30" PIPE)	264.000	L.F.
202-02.26	REMOVAL OF PIPE (DESCRIPTION) (36" PIPE)	236.000	L.F.
202-02.27	REMOVAL OF PIPE (DESCRIPTION) (20" PIPE)	83.000	L.F.
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	2,226.222	S.Y.
202-03.01	REMOVAL OF ASPHALT PAVEMENT	452.000	S.Y.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (CANTILEVER OVERHEAD SIGNS)	(1)	LS
202-08.28	REMOVAL OF MEDIAN BARRIER (DESCRIPTION) (AT NEW OVERHEAD SIGN LOCATIONS)	430.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	182,146.000	C.Y.

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	130.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	8,598.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	12,066.315	C.Y.
203-06	WATER	3,250.868	M.G.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	8.000	C.Y.
209-01.30	TEMPORARY COMPOST FILTER BERM	902.000	C.Y.
209-03.23	FILTER SOCK (24 INCH)	147.000	L.F.
209-05	SEDIMENT REMOVAL	3,980.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	7,680.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	53,415.000	L.F.
209-08.07	ROCK CHECK DAM	97.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	45.000	EACH
209-09.41	CURB INLET PROTECTION (TYPE 2)	8.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	66.000	EACH
209-40.30	CATCH BASIN PROTECTION (TYPE A)	4.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	18.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	31.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	47,561.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	2,965.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	2,632.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	2,279.000	TON
313-03	TREATED PERMEABLE BASE	68,008.000	S.Y.
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	132.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	468.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	23.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	1,486.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	237.000	TON
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	61,889.000	S.Y.

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
501-01.16	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 13" FAST TRACK	1,067.000	S.Y.
501-03.10	CONCRETE SHOULDER RUMBLE STRIPS	7,070.000	L.F.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	2,692.000	L.F.
502-04.02	LOAD TRANSFER DOWELS	96.000	EACH
502-08.10	SAWING & RESEALING JOINTS (SILICONE SEALANT)	135,168.000	L.F.
503-01	GRINDING CONCRETE PAVEMENT	141,105.000	S.Y.
604-01.20	BOX TUBE SAFETY RAIL	90.000	L.F.
604-07.02	RETAINING WALL (DESCRIPTION) (RW-1 WRAP AROUND)	14,654.000	S.F.
604-07.03	RETAINING WALL (DESCRIPTION) (RW-2 WRAP AROUND)	15,950.000	S.F.
604-07.05	RETAINING WALL (DESCRIPTION) (RW-3 WRAP AROUND)	14,303.000	S.F.
604-07.09	RETAINING WALL (DESCRIPTION) (RW-4A WINGWALL)	739.000	S.F.
604-07.10	RETAINING WALL (DESCRIPTION) (RW-5B WINGWALL)	903.000	S.F.
604-07.11	RETAINING WALL (DESCRIPTION) (RW-6)	15,742.000	S.F.
604-07.13	RETAINING WALL (DESCRIPTION) (R-7)	14,476.000	S.F.
604-07.28	RETAINING WALL EXCAVATION	610.000	C.Y.
607-01.02	12" CONCRETE PIPE CULVERT (CLASS III)	46.000	L.F.
607-02.02	15" CONCRETE PIPE CULVERT(CLASS III)	55.000	L.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	3,114.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	1,136.000	L.F.
607-05.03	24" CONCRETE PIPE CULVERT (CLASS IV)	700.000	L.F.
607-05.05	24" CONCRETE PIPE CULVERT(CLASS IV)JACKED- IN-PLACE	85.000	L.F.
607-05.06	24" PIPE CULVERT (JACKED-IN-PLACE)	140.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	646.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	192.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	241.000	L.F.
610-07.03	18" PIPE DRAIN (BRIDGE DRAIN)	200.000	L.F.



**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-01.03	MANHOLES, > 8' - 12' DEPTH	1.000	EACH
611-02.01	SPRING DRAIN BOX, TYPE 1	1.000	EACH
611-02.12	JUNCTION BOX, TYPE 3	1.000	EACH
611-05.01	TRENCH DRAINS	465.000	L.F.
611-05.02	12IN PVC PIPE FOR TRENCH DRAINS	126.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	30.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	1,256.000	LB.
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	3.000	EACH
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	3.000	EACH
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	2.000	EACH
611-07.64	36IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	4.000	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
611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	1.000	EACH
611-12.05	CATCH BASINS, TYPE 12, > 16' - 20' DEPTH	3.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	2.000	EACH
611-25.02	CATCH BASINS, TYPE 25, > 4' - 8' DEPTH	2.000	EACH
611-27.02	CATCH BASINS, TYPE 27, > 4' - 8' DEPTH	1.000	EACH
611-31.02	CATCH BASINS, TYPE 31, > 4' - 8' DEPTH	4.000	EACH
611-41.02	CATCH BASINS, TYPE 41, > 4' - 8' DEPTH	9.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	3.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	11.000	EACH
611-43.02	CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	4.000	EACH
611-45.02	CATCH BASINS, TYPE 45, > 4' - 8' DEPTH	3.000	EACH
611-46.02	CATCH BASINS, TYPE 46, > 4' - 8' DEPTH	1.000	EACH
611-51.02	CATCH BASINS, TYPE 51, > 4' - 8' DEPTH	9.000	EACH
611-52.02	CATCH BASINS, TYPE 52, > 4FT - 8FT DEPTH	1.000	EACH
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	2,616.000	L.F.
701-01.01	CONCRETE SIDEWALK (4 ")	8,933.000	S.F.

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
701-02	CONCRETE DRIVEWAY	981.000	S.F.
701-02.03	CONCRETE CURB RAMP	607.000	S.F.
701-03	CONCRETE MEDIAN PAVEMENT	40.000	C.Y.
702-01	CONCRETE CURB	64.000	C.Y.
702-03	CONCRETE COMBINED CURB & GUTTER	347.000	C.Y.
703-01	PORTLAND CEMENT CONCRETE DITCH PAVING	84.000	C.Y.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	6,596.479	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	9.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	13.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	22.000	EACH
705-20.21	LOW MAINT CRASH CUSHION WIDE (MASH TL-3)	3.000	EACH
706-01	GUARDRAIL REMOVED	2,088.000	L.F.
707-01.11	CHAIN LINK FENCE (6 FOOT)	8,200.000	L.F.
707-01.12	END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE 6')	35.000	EACH
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (EXISTING CONTROL ACCESS FENCE)	8,000.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	2,783.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	16.000	EACH
709-01.01	RUBBLE STONE RIP-RAP	16.000	C.Y.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	312.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	838.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	706.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	15,789.000	L.F.
710-05	LATERAL UNDERDRAIN	1,000.000	L.F.
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	30.000	EACH
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	5.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	5.000	EACH
710-10.01	4" PERFORATED PLASTIC PIPE	1,200.000	L.F.
711-05.71	51IN SINGLE SLOPE CONCRETE BARRIER WALL	6,740.000	L.F.
711-05.72	SINGLE SLOPE HALF CONCRETE BARRIER WALL	1,826.000	L.F.

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
711-05.77	FLARED S/S CONCRETE MEDIAN BARRIER WALL	584.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	380.000	L.F.
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	41,794.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	31.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	924.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	1,958.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	42.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,624.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	348.000	L.F.
712-08.01	UNIFORMED POLICE OFFICER	2,000.000	DOLL
712-08.03	ARROW BOARD (TYPE C)	8.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	13.000	DAY
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	0.400	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	90.000	LB.
713-02.04	DELINEATOR (MILE MARKER) & STEEL POST	5.000	EACH
713-02.21	SIGN POST DELINEATION ENHANCEMENT	60.000	L.F.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	700.000	LB.
713-09.01	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (I-75, 197+65.49, OH-1, SPAN 83')	1.000	EACH
713-09.02	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (I-75, 218+59.51, OH-2, SPAN 80')	1.000	EACH
713-09.03	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (RAMP C, 452+47.68, OH-3, SPAN 52')	1.000	EACH
713-09.04	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (I-75, 265+21.25, OH-4, SPAN 85')	1.000	EACH
713-09.05	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (I-75, 291+54.79, OH-5, SPAN 92')	1.000	EACH
713-09.06	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (I-75, 304+12.37, OH-6, SPAN 92')	1.000	EACH

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	3,147.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	616.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	422.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	5,166.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	200.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	1.000	EACH
713-15.08	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.100" THICK)	7.000	EACH
713-15.09	STEEL CABLE OVERHEAD SIGN SUPPORT	4.000	EACH
713-15.11	SIGN SUPPORT ASSEMBLY ON BRIDGES (SIGN NO ) (SIGN NO. 14 )	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	9.000	EACH
713-16.20	SIGNS (DESCRIPTION) (R10-5, 30"X36")	6.000	EACH
713-16.21	SIGNS (DESCRIPTION) (TN-69A, 30"X36")	2.000	EACH
713-16.22	SIGNS (DESCRIPTION) (OVERHEAD DIRECTIONAL SIGN)	7.000	EACH
713-16.23	SIGNS (DESCRIPTION) (POST MOUNTED DIRECTIONAL SIGN)	2.000	EACH
713-16.24	SIGNS (DESCRIPTION) (TN-69B, 30"X36")	1.000	EACH
713-16.25	SIGNS (DESCRIPTION) (R1-2, 48"X48"X48")	2.000	EACH
713-16.26	SIGNS (DESCRIPTION) (R10-11A, 36"X48")	2.000	EACH
713-16.27	SIGNS (DESCRIPTION) (OVERHEAD LANE CONTROL SIGN)	1.000	EACH
713-16.28	SIGNS (DESCRIPTION) (W11-2, 30"X30")	1.000	EACH
713-16.29	SIGNS (DESCRIPTION) (W16-7P, 24"X12")	1.000	EACH
713-17.02	INSTALL AUXILIARY SUPPORT FOR EXIT NUMBER PANEL	10.000	EACH
713-30.09	BARRIER MOUNTED SIGN SUPPORT (DESCRIPTION) (SEE PLANS)	2.000	EACH
714-03	JACKED OR BORED CONDUIT	2,105.000	L.F.
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	14,570.000	L.F.
714-04.03	CONDUIT (DESCRIPTION) (STRUCTURES - 1" RGS)	370.000	L.F.

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
714-05.04	PULL BOXES (TYPE C)	45.000	EACH
714-05.05	PULL BOXES (DESCRIPTION) (JUNCTION BOX 6"X6")	4.000	EACH
714-06.06	CABLE (1/C # 4 AWG)	32,220.000	L.F.
714-06.07	CABLE (1/C # 2 AWG)	2,810.000	L.F.
714-08.09	LIGHT STANDARDS (DESCRIPTION) (50' M.H.)	21.000	EACH
714-08.10	LIGHT STANDARDS (DESCRIPTION) (120' M.H.)	9.000	EACH
714-08.11	LIGHT STANDARDS (DESCRIPTION) (35' M.H.)	10.000	EACH
714-08.23	FOUNDATION (ONLY) FOR LIGHT STANDARDS	31.000	EACH
714-08.34	REMOVAL OF LIGHT STANDARD	12.000	EACH
714-08.46	FOUNDATION (ONLY) FOR HIGH MAST LIGHT STANDARD	9.000	EACH
714-09.09	LUMINAIRES (DESCRIPTION) (280 WATT-LED OFFSET LIGHT)	31.000	EACH
714-09.10	LUMINAIRES (DESCRIPTION) (429 WATT - LED HIGHMAST)	36.000	EACH
714-09.11	LUMINAIRES (DESCRIPTION) (72 WATT - LED UNDERPASS)	8.000	EACH
714-12.01	CONTROL CENTER (NO. 1)	(1)	LS
714-12.02	CONTROL CENTER (NO. 2)	(1)	LS
714-12.03	CONTROL CENTER (NO. 3)	(1)	LS
714-12.04	CONTROL CENTER (NO. 4)	(1)	LS
714-25.01	ELECTRICAL CONNECTION (DESCRIPTION) (CONTROL CENTER 1)	(1)	LS
714-25.02	ELECTRICAL CONNECTION (DESCRIPTION) (CONTROL CENTER 2)	(1)	LS
714-25.03	ELECTRICAL CONNECTION (DESCRIPTION) (CONTROL CENTER 3)	(1)	LS
714-25.04	ELECTRICAL CONNECTION (DESCRIPTION) (CONTROL CENTER 4)	(1)	LS
716-01.05	TEMPORARY RAISED PAVEMENT MARKER	3,897.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	794.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	965.000	EACH

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	115.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	354.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	29.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	2,513.000	L.F.
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	518.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	189.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	0.400	L.M.
716-02.23	PLASTIC PAVEMENT MARKING (12IN BARRIER LINE)	95.000	L.F.
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	2.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	8.000	EACH
716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	6.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	33.000	S.F.
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	2.300	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	66,325.000	L.F.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	488.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	20.000	EACH
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	1.000	EACH
716-05.11	PAINTED PAVEMENT MARKING(STRAIGHT ARROW)	6.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	11.000	L.M.
716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	27.000	S.Y.
716-08.30	HYDROBLAST REMOVAL OF PAVEMENT MARKING (LINE)	7.200	L.M.
716-08.33	HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (ARROWS)	7.000	EACH
716-09.86	CONTRAST PAVEMENT MARKING 6"	9.600	L.M.

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-09.87	CONTRAST PAVEMENT MARKINGS WORDS AND SYMBOLS	30.000	EACH
716-09.88	CONTRAST PAVEMENT MARKING 8"	1.400	L.M.
716-09.89	CONTRAST PAVEMENT MARKING 12"	2,738.000	L.F.
716-09.90	CONTRAST PAVEMENT MARKING 6" DOTTED	1,392.000	L.F.
716-09.94	CONTRAST PAVEMENT SHADOW MARKING 6"	7.500	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.400	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	257.000	L.F.
717-01	MOBILIZATION	(1)	LS
718-01.01	NOISE BARRIER (DESCRIPTION) (NW-1)	21,465.000	S.F.
725-20.09	MAINTENANCE WORK PAD (CONCRETE PAD)	5.000	EACH
725-20.43	PULL BOX (TYPE C)	2.000	EACH
725-20.44	PULL BOX (TYPE D)	14.000	EACH
725-20.45	PULL BOX (TYPE E)	4.000	EACH
725-20.56	CABLE (1/C #4 AWG.)	1,305.000	L.F.
725-20.71	ELECTRICAL CONNECTION	(1)	LS
725-20.81	RADIO & ANTENNA (TYPE A)	1.000	EACH
725-21.11	NETWORK SWITCH (TYPE A)	1.000	EACH
725-21.90	RDS POLE REMOVE AND RELOCATE	3.000	EACH
725-21.91	RADAR DETECTION SYSTEM	1.000	EACH
725-21.97	SOLAR POWER FOR RDS	1.000	EACH
725-21.98	RDS COMM AND LOGIC CONTROLLER	1.000	EACH
725-22.22	CONDUIT BANK (TYPE 2)	190.000	L.F.
725-22.24	CONDUIT BANK (TYPE 4)	5,575.000	L.F.
725-22.34	CONDUIT BANK BORED (TYPE 4)	435.000	L.F.
725-22.71	2IN CONDUIT	70.000	L.F.
725-22.74	2IN CONDUIT W/BANK	315.000	L.F.
725-23.01	ITS CABLE MARKER	26.000	EACH
725-23.16	FIBER OPTIC CABLE (144F)	8,435.000	L.F.

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
725-23.21	FIBER OPTIC DROP CABLE (12 F)	830.000	L.F.
725-23.26	FIBER OPTIC CLOSURE (12 F)	2.000	EACH
725-23.27	FIBER OPTIC CLOSURE (DESCRIPTION) (144 F)	3.000	EACH
725-23.28	FIBER OPTIC SPLICE FUSION	444.000	EACH
725-23.31	FIBER OPTIC DROP PANEL ( 12 F )	2.000	EACH
725-24.01	CABINET (TYPE A)	1.000	EACH
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	15.000	EACH
730-02.14	SIGNAL HEAD ASSEMBLY (140 A1 WITH BACKPLATE)	1.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	4.000	EACH
730-02.18	SIGNAL HEAD ASSEMBLY (150 A2 POLE MOUNTED)	1.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (140 A1F WITH BACKPLATE)	2.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)	9.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	31.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	1,200.000	L.F.
730-08.04	SIGNAL CABLE - 9 CONDUCTOR	3,800.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC SCHEDULE 40)	2,400.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	2,280.000	L.F.
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (SINGLE CAMERA, 360 DEG FISHEYE)	4.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	3.000	EACH
730-16.04	CONTROLLER (ATC)	3.000	EACH
730-23.30	PEDESTAL POLE (DESCRIPTION) (15 FT HEIGHT)	3.000	EACH
730-23.72	CANTILEVER SIGNAL SUPPORT (1 ARM @ 35')	1.000	EACH
730-23.88	CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')	2.000	EACH
730-24.94	CANTILEVER SIGNAL SUPPORT (2 @ 45' & 70')	1.000	EACH
730-25.01	CANTILEVER SIGNAL SUPPORT (1 ARM @ 50')	1.000	EACH
730-25.07	CANTILEVER SIGNAL SUPPORT (1 ARM @ 55')	4.000	EACH



**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-25.11	CANTILEVER SIGNAL SUPPORT (1 ARM @ 60')	1.000	EACH
730-25.13	CANTILEVER SIGNAL SUPPORT (1 ARM @ 65')	1.000	EACH
730-26.10	PEDESTRIAN SIGNAL HEAD W/PUSHBUTTON & 15IN SIGN	4.000	EACH
730-35.06	BATTERY BACK-UP SYSTEM	3.000	EACH
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	2.000	EACH
740-07.04	GEOGRID REINFORCEMENT TYPE 2	2,009.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,391.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	1,691.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	27,281.000	L.F.
801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	90.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	909.000	UNIT
801-01.37	NATVE SEED MX ENCAPSULATION & CLEAR ZONE	126.000	UNIT
801-01.38	NATVE SEED MX FINAL STABLIZATN OF SLOPES	126.000	UNIT
801-02.08	TEMPORARY SEEDING (WITHOUT MULCH)	98.000	UNIT
801-03	WATER (SEEDING & SODDING)	781.000	M.G.
802-01.10	TREES (DESCRIPTION) (QJERCUS VIRGINIANIA) (2.5" CAL. B&B)	14.000	EACH
802-01.11	TREES (DESCRIPTION) (NYSSA SYLVATICA 'WILDFIRE') (2.5" CAL B&B)	18.000	EACH
803-01	SODDING (NEW SOD)	78,416.000	S.Y.
805-05.02	SOIL NAIL STABILIZATION	3,240.000	L.F.
805-05.03	REINFORCED SHOTCRETE FACING	3,409.000	S.F.
805-05.04	SECONDARY WALL (DESCRIPTION) (OUTER FACING)	3,409.000	S.F.
805-12.03	EROSION CONTROL BLANKET (TYPE III)	12,892.000	S.Y.
806-02.03	PROJECT MOWING	14.000	CYCL
930-08.26	LOADING TEST (SOIL NAILS)	4.000	EACH
204-02.01	DRY EXCAVATION (BRIDGES)	1,596.000	C.Y.
204-05.01	CORE DRILLING AND SAMPLING	189.000	L.F.
204-06.01	FLOWABLE FILL (GENERAL)	2.000	C.Y.
303-01.02	GRANULAR BACKFILL (BRIDGES)	78.000	TON

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
602-04.01	STEEL STRUCTURES (LOCATION & DESCRIPTION) (BR. I.D. NO. 33I00750099, STA. 426+92.00)	(1)	LS
602-04.02	STEEL STRUCTURES (LOCATION & DESCRIPTION) (BR. I.D. NO. 33I00750101, STA. 520+72.19)	(1)	LS
602-10.01	STRUCTURAL STEEL REPAIRS	(1)	LS
602-10.60	BEARING DEVICE (DESCRIPTION) (BR. I.D. NO. 33I00750097, ABUTMENT NO. 2)	6.000	EACH
603-01.01	PAINTING STEEL STRUCTURES (LOCATION & DESCRIPTION) (BR. I.D. NO. 33I00750099)	(1)	LS
603-01.02	PAINTING STEEL STRUCTURES (LOCATION & DESCRIPTION) (BR. I.D. NO. 33I00750101)	(1)	LS
603-01.20	PAINTING STEEL CASING (DESCRIPTION) (BR. I.D. NO. 33I00750099)	2.000	EACH
603-02.01	REPAINTING EXISTING STEEL STRUCTURES (LOC. & DES.) (BRIDGE NO. 33-04986-01.50)	(1)	LS
603-05.20	CONTAINMENT & DISPOSAL OF WASTE(LOCATION & DESCRP) (BRIDGE NO. 33-04986-01.50)	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	758,241.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	853.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	189,933.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	532.000	S.Y.
604-03.32	CLASS DS CONCRETE	2,679.000	C.Y.
604-03.74	CLASS X CONCRETE	363.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	14,422.000	S.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	5,173.000	S.Y.
604-04.04	BRIDGE END DRAINS(4'X8')	2.000	EACH
604-04.41	THREE STAR STATE EMBLEM	2.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	8,836.000	S.Y.
604-10.05	CONCRETE	40.000	S.F.
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	25.000	S.Y.
604-10.44	EXPANSION JOINT REPAIRS	24.000	L.F.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	25.000	S.Y.
604-10.54	CONCRETE REPAIRS	40.000	S.F.

**Contract ID CNX358 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.58	EPOXY INJECTION (INJECTION)	4.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	75.000	L.F.
604-11.01	EXPANSION DEVICE (DESCRIPTION) (BR. I.D. NO. 33I00750097, ABUTMENT NO. 2)	44.000	L.F.
604-11.02	EXPANSION DEVICE (DESCRIPTION) (BR. I.D. NO. 33I00750099, STRIP SEAL)	32.000	L.F.
604-11.03	EXPANSION DEVICE (DESCRIPTION) (BR. I.D. NO. 33I00750099, MODULAR DECK JOINT)	32.000	L.F.
604-11.04	EXPANSION DEVICE (DESCRIPTION) (BR. I.D. NO. 33I00750101, STRIP SEAL)	66.000	L.F.
606-03.03	STEEL PILES (12 INCH)	7,022.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	202.000	EACH
606-22.13	STEEL PIPE PILES (24 IN)	1,431.000	L.F.
606-22.14	PILE TIPS (STEEL PIPE PILES 24 IN)	40.000	EACH
615-01.10	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-54)	1,320.000	L.F.
615-01.12	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-72)	6,239.000	L.F.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	3,134.000	S.Y.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	5,120.000	L.F.
625-01.11	CAMERA INSPECTION - DRILLED SHAFT (UNDERWATER)	4.000	EACH
625-02.01	DRILLED SHAFT-SOIL (DIA.) (7'-0" DIA.)	19.000	V.F.
625-02.02	DRILLED SHAFT-SOIL (DIA.) (8'-0" DIA.)	38.000	V.F.
625-02.13	DRILLED SHAFT-ROCK (DIA.) (6'-6" DIA.)	32.000	V.F.
625-02.14	DRILLED SHAFT-ROCK (DIA.) (7'-6" DIA.)	40.000	V.F.
625-02.40	DRILLED SHAFT (SH-SCC) CONCRETE	241.000	C.Y.
625-02.44	DRILLED SHAFT REINFORCING STEEL	39,133.000	LB.
709-04	REINFORCED CONCRETE SLOPE PAVEMENT	30.000	C.Y.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	234.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	179.000	L.F.
719-01.08	CLEAN DRAIN	2.000	EACH

**Contract ID CNX358 - HAMILTON**

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

**Contract ID CNX343 - HAMILTON**

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**Contract ID:** CNX343

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 33012-3214-94

STP-SIP-2(284)

**Counties:** HAMILTON

**District:**

**DBE Goal Percent:**

**Description:** The miscellaneous safety improvements on U.S. 11 (S.R. 2) from the I-75S ramps (L.M. 20.54) to Relocation Way (L.M. 20.94) in Chattanooga.

**Contract Time:** DT - 9/30/2023

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
717-01	MOBILIZATION	(1)	LS
730-13.14	VEHICLE DETECTOR (360-DEGREE CAMERA)	4.000	EACH

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

**Contract ID CNX344 - HAMILTON**

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**Contract ID:** CNX344

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 33S111-M3-002

N/A

**Counties:** HAMILTON

**District:**

**DBE Goal Percent:**

**Description:** The construction of two (2) small drainage structures on S.R. 111 at L.M. 1.73 and L.M. 2.43, including grading, drainage, and paving.

**Contract Time:** DT - 5/31/2024

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
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	540.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	665.000	TON
203-04	PLACING AND SPREADING TOPSOIL	20.000	C.Y.
203-06	WATER	9.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	23.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	270.000	C.Y.
209-03.23	FILTER SOCK (24 INCH)	505.000	L.F.
209-05	SEDIMENT REMOVAL	16.000	C.Y.
209-08.07	ROCK CHECK DAM	2.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	4.000	EACH
209-09.01	SANDBAGS	100.000	BAG
209-40.33	CATCH BASIN PROTECTION (TYPE D)	5.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	415.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	150.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	50.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	0.800	TON

**Contract ID CNX344 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
402-02	AGGREGATE FOR COVER MATERIAL (PC)	3.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	2.400	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	332.000	L.F.
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	12.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	180.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	160.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	310.000	TON
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	6.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	10.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	134.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	153.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	7.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	260.000	LB.
611-43.02	CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	2.000	EACH
611-43.03	CATCH BASINS, TYPE 43, > 8' - 12' DEPTH	1.000	EACH
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	4.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	100.000	L.F.
706-01	GUARDRAIL REMOVED	240.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	200.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	100.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	130.000	TON
711-05.01	REMOVAL & DISPOSAL OF CONCRETE MEDIAN BARRIER	60.000	L.F.
711-05.70	32IN SINGLE SLOPE CONCRETE BARRIER WALL	60.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	1,920.000	L.F.
712-02.12	PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)	1,760.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	8.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	476.000	EACH

**Contract ID CNX344 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-04.50	BARRIER RAIL DELINEATOR	88.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	476.000	EACH
712-06	SIGNS (CONSTRUCTION)	796.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	8.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	8.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	4.000	L.M.
716-05.49	PAINTED PAVEMENT MARKINGS(8" LINE)	8.000	L.M.
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	52,190.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	4.000	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	344.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	330.000	S.Y.
801-03	WATER (SEEDING & SODDING)	2.600	M.G.
803-01	SODDING (NEW SOD)	260.000	S.Y.

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



**Contract ID CNX323 - HANCOCK , HAWKINS, ETC.**

**Contract ID:** CNX323

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R1SVAR-F3-028

HSIP-REG1(213)

**Counties:** HANCOCK, HAWKINS, JOHNSON, SULLIVAN

**District:**

**DBE Goal Percent:** 7.00

**Description:** The ADA curb ramp upgrades on various State Routes.

**Contract Time:** DT - 5/31/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	334.000	S.Y.
202-08.15	REMOVAL OF CURB AND GUTTER (DESCRIPTION) (DESCRIPTION)	951.000	L.F.
203-07	FURNISHING & SPREADING TOPSOIL	154.000	C.Y.
701-01.01	CONCRETE SIDEWALK (4 ")	2,831.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	6,310.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	231.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	70.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	105.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	148.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	309.000	L.F.
717-01	MOBILIZATION	(1)	LS
801-01	SEEDING (WITH MULCH)	16.000	UNIT

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

**Contract ID CNX322 - HENDERSON**

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**Contract ID:** CNX322

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 39945-3493-94

HSIP-3900(30)

**Counties:** HENDERSON

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 6/30/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-04.24	GUARDRAIL END TERMINAL DELINEATION SHEETING	23.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-10.02	TEMPORARY TRANSVERSE RUMBLE STRIPS	100.000	L.F.
713-02.20	ROADSIDE OBSTACLE DELINEATION	3.140	S.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	1,308.000	L.F.
713-02.34	DELINEATORS (ALL)	36.000	EACH
713-11.01	"U" SECTION STEEL POSTS	2,676.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	4,900.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	1,491.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	898.000	S.F.
713-13.14	FLORESCENT YELLOW SIGN SHEETING	1,801.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	5.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	331.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	247.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	20.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	1.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	20.000	S.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	29.970	L.M.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	184.000	L.F.

**Contract ID CNX322 - HENDERSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	2.920	L.M.
717-01	MOBILIZATION	(1)	LS
730-50.20	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (SOLAR POWERED)	2.000	EACH

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

**Contract ID CNX333 - HICKMAN & HUMPHREYS**

**Contract ID:** CNX333

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 99I040-F3-003

NH-I-9900(158)

**Counties:** HICKMAN, HUMPHREYS

**District:**

**DBE Goal Percent:** 4.00

**Description:** The expansion of the Smartway Intelligent Transportation System (ITS) on I-40 from near Pond Bottom Lane in Humphreys County (MM 135) to near Garners Creek Road in Hickman County (MM 162).

**Contract Time:** DT - 7/31/2025

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
203-07	FURNISHING & SPREADING TOPSOIL	7.000	C.Y.
209-05	SEDIMENT REMOVAL	70.000	C.Y.
209-09.01	SANDBAGS	54.000	BAG
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	225.000	S.Y.
705-04.03	GUARDRAIL TERMINAL (TYPE 13)	3.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	1,137.500	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	6.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	1,700.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	1,687.500	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	150.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,154.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	6.000	DAY
712-08.14	PORTABLE QUEUE WARNING SYSTEM	6.000	DAY
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
717-01	MOBILIZATION	(1)	LS

**Contract ID CNX333 - HICKMAN & HUMPHREYS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
725-20.02	CCTV POLE & FOUNDATION (80FT POLE W/LWRNG DVICE)	5.000	EACH
725-20.09	MAINTENANCE WORK PAD (CONCRETE PAD)	5.000	EACH
725-20.23	STEEL OVERHEAD SIGN STRUCTURE (SPANS 71FT TO 90FT) (SPANS 71FT TO 90FT)	2.000	EACH
725-20.43	PULL BOX (TYPE C)	23.000	EACH
725-20.44	PULL BOX (TYPE D)	170.000	EACH
725-20.45	PULL BOX (TYPE E)	17.000	EACH
725-20.55	CABLE (1/C #6 AWG.)	3,075.000	L.F.
725-20.56	CABLE (1/C #4 AWG.)	1,075.000	L.F.
725-20.57	CABLE (1/C #2 AWG.)	2,220.000	L.F.
725-20.58	CABLE (1/C #1/0 AWG.)	4,890.000	L.F.
725-20.71	ELECTRICAL CONNECTION	(1)	LS
725-20.91	CCTV CAMERA SYSTEM (PAN TILT & ZOOM)	7.000	EACH
725-21.02	DYNAMIC MESSAGE SIGN (MULTI-COLOR) (MULTI-COLOR)	2.000	EACH
725-21.11	NETWORK SWITCH (TYPE A)	6.000	EACH
725-21.18	DMS COMM CABLE	190.000	L.F.
725-21.19	DMS POWER CABLE	190.000	L.F.
725-21.43	DEMARICATION SITE (OVERHEAD POWER)	7.000	EACH
725-21.73	TRANSFORMER (DESCRIPTION) (TYPE C)	5.000	EACH
725-21.85	UNINTERRUPTIBLE POWER SUPPLY	7.000	EACH
725-21.91	RADAR DETECTION SYSTEM	5.000	EACH
725-21.96	RDS COMM CABLE	125.000	L.F.
725-22.22	CONDUIT BANK (TYPE 2)	220.000	L.F.
725-22.24	CONDUIT BANK (TYPE 4)	56,320.000	L.F.
725-22.34	CONDUIT BANK BORED (TYPE 4)	48,000.000	L.F.
725-22.44	CONDUIT BANK IN ROCK (TYPE 4)	27,935.000	L.F.
725-22.50	DMS CONDUIT BANK	150.000	L.F.
725-22.64	STRUCTURE CONDUIT BANK (TYPE 4)	4,050.000	L.F.
725-22.74	2IN CONDUIT W/BANK	2,765.000	L.F.

**Contract ID CNX333 - HICKMAN & HUMPHREYS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
725-22.76	2IN CONDUIT STRUCTURE W/BANK	330.000	L.F.
725-22.81	3IN CONDUIT BORED W/BANK	150.000	L.F.
725-23.01	ITS CABLE MARKER	1,200.000	EACH
725-23.16	FIBER OPTIC CABLE (144F)	152,255.000	L.F.
725-23.21	FIBER OPTIC DROP CABLE (12 F)	1,106.000	L.F.
725-23.27	FIBER OPTIC CLOSURE (DESCRIPTION) (DESCRIPTION)	4.000	EACH
725-23.28	FIBER OPTIC SPLICE FUSION	84.000	EACH
725-23.31	FIBER OPTIC DROP PANEL ( 12 F )	6.000	EACH
725-24.02	CABINET (TYPE B)	5.000	EACH
725-24.03	CABINET (TYPE C)	2.000	EACH
725-24.11	ITS COMMUNICATIONS HUB (DESCRIPTION) (DESCRIPTION)	1.000	EACH
725-24.21	PREVENTIVE MAINTENANCE FOR SYSTEM	(1)	LS
725-24.25	UNSCHEDULED MAINTENANCE LABOR	1.000	HOUR
725-24.31	SPARE PARTS	(1)	LS
725-24.41	BURN-IN PERIOD	(1)	LS
725-24.51	SYSTEM INTEGRATION	(1)	LS
725-24.55	AS-BUILT PLANS	(1)	LS
725-24.61	TRAINING	(1)	LS
725-28.01	ROAD SIDE UNIT (RSU)	2.000	EACH
730-23.31	PEDESTAL POLE (DESCRIPTION) (DESCRIPTION)	2.000	EACH
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	270.000	L.F.
801-01	SEEDING (WITH MULCH)	35.000	UNIT
801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	14.000	UNIT

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

**Contract ID CNX111 - JACKSON**

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**Contract ID:** CNX111

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 44S085-M3-002

NA

**Counties:** JACKSON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 85 over Indian Creek (L.M. 4.77).

**Contract Time:** DT - 6/30/2024

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
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BRIDGE NO. 44-SR085-4.77)	(1)	LS
204-06.01	FLOWABLE FILL (GENERAL)	5.000	C.Y.
209-05	SEDIMENT REMOVAL	1.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	795.000	L.F.
209-09.04	SEDIMENT FILTER BAG(15' X 10')	2.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	91.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	115.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	5.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	34.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	125.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	1,887.000	S.Y.
603-02.15	REPAINT EXISTING BEARINGS	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	31,982.000	LB.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	122.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	539.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	560.000	S.Y.

**Contract ID CNX111 - JACKSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.05	CONCRETE	25.000	S.F.
604-10.14	REMOVE EXISTING WEARING SURFACE	(1)	LS
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	5.000	S.Y.
604-10.44	EXPANSION JOINT REPAIRS	61.000	L.F.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	5.000	S.Y.
604-10.51	SCARIFYING	528.000	S.Y.
604-10.54	CONCRETE REPAIRS	8.000	S.F.
604-10.58	EPOXY INJECTION (INJECTION)	1.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	2.000	L.F.
617-02	BRIDGE DECK CRACK SEALING	194.000	L.F.
617-05	SEALANT (DESCRIPTION) (HMWM)	2.000	GAL.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	388.000	L.F.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	2.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	2.000	EACH
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	13.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	62.500	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	4.000	EACH
706-01	GUARDRAIL REMOVED	294.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	810.000	L.F.
709-10.01	GABIONS (DESCRIPTION) (BASKETS FOR UNDERMINING)	21.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	180.000	L.F.
712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	240.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	4.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	19.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	19.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,409.000	S.F.



**Contract ID CNX111 - JACKSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-07.03	TEMPORARY BARRICADES (TYPE III)	10.000	L.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	1,590.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	24.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	9.000	EACH
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
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	24.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.680	L.M.
717-01	MOBILIZATION	(1)	LS
730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	67.000	S.Y.

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

**Contract ID CNX319 - LAWRENCE**

**Contract ID:** CNX319

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 50951-3571-04

N/A

**Counties:** LAWRENCE

**District:**

**DBE Goal Percent:**

**Description:** The grading, drainage, paving, construction of a concrete Bulb-Tee beam bridge and box bridge on a S.I.A. route serving Motivation Drive.

**Contract Time:** DT - 8/31/2025

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)	59,267.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	28,300.000	TON
203-04	PLACING AND SPREADING TOPSOIL	3,241.000	C.Y.
203-06	WATER	169.000	M.G.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	5.000	C.Y.
209-01.31	TEMPORARY MULCH FILTER BERM	111.000	C.Y.
209-02.07	18" TEMPORARY SLOPE DRAIN	118.000	L.F.
209-05	SEDIMENT REMOVAL	375.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	2,473.000	L.F.
209-08.07	ROCK CHECK DAM	66.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	11.000	EACH
209-09.01	SANDBAGS	24.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	2.000	EACH
209-40.31	CATCH BASIN PROTECTION (TYPE B)	1.000	EACH
209-65.03	TEMPORARY DIVERSION CHANNEL	139.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	9,606.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	694.000	TON

**Contract ID CNX319 - LAWRENCE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	1,754.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	1,115.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	18.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	64.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	7.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	940.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	95.000	TON
607-05.30	24" PIPE CULVERT	162.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	49.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	36.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	2.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	93.000	LB.
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	6.000	EACH
611-07.61	30IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-40.02	CATCH BASINS, TYPE 40, > 4' - 8' DEPTH	1.000	EACH
621-03.03	24" TEMPORARY DRAINAGE PIPE	66.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	392.000	L.F.
705-06.26	THRIE BEAM BRIDGE TRANSITION MASH TL-2	4.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	4.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	1,233.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	100.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	1,491.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	1,959.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	29.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	10.000	EACH
712-06	SIGNS (CONSTRUCTION)	517.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	52.500	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN)	0.100	C.Y.

**Contract ID CNX319 - LAWRENCE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-01.02	SUPPORTS) STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	22.500	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	38.000	LB.
713-11.21	P POST SLIP BASE	1.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	9.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	9.000	S.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	3.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	43.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	0.300	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	4.000	L.M.
717-01	MOBILIZATION	(1)	LS
740-07.04	GEOGRID REINFORCEMENT TYPE 2	1,364.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,768.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	23,772.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	25,462.000	L.F.
801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	166.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	175.000	UNIT
801-03	WATER (SEEDING & SODDING)	35.000	M.G.
802-12.01	ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)	32.000	EACH
802-12.16	FRAXINUS PENNSYLVANICA (GREEN ASH SEEDLNG B.R.)	32.000	EACH
802-12.17	JUGLANS NIGRA (BLACK WALNUT SEEDLNG B.R.)	32.000	EACH
802-12.19	LIRIODENDRON TULIPIFERA (TULIP POPLAR SEEDLNG B.R.)	32.000	EACH
802-12.44	ULMUS AMERICANA (AMERICAN ELM SEEDLNG B.R.)	32.000	EACH
805-12.01	EROSION CONTROL BLANKET (TYPE I)	11,032.000	S.Y.
204-08	FOUNDATION FILL MATERIAL	30.000	C.Y.
303-01.01	GRANULAR BACKFILL (ROADWAY)	371.000	TON
604-01.01	CLASS A CONCRETE (ROADWAY)	56.000	C.Y.

**Contract ID CNX319 - LAWRENCE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	11,402.000	LB.
204-02.01	DRY EXCAVATION (BRIDGES)	564.000	C.Y.
204-04.01	ROCK EXCAVATION (BRIDGES)	76.000	C.Y.
204-05	ROCK DRILLING (BRIDGES)	24.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	54.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	165,386.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	473.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	86,952.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	162.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	586.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	6,639.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	2,049.000	S.Y.
606-03.03	STEEL PILES (12 INCH)	908.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	60.000	EACH
615-01.12	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-72)	2,330.000	L.F.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	1,256.000	L.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	132.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	58.000	L.F.

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

**Contract ID CNX336 - LAWRENCE , MARSHALL, ETC.**

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**Contract ID:** CNX336

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R3SVAR-F3-036  
R3SVAR-F3-037

HSIP-REG3(218)  
HSIP-REG3(219)

**Counties:** LAWRENCE, MARSHALL, MAURY,  
MONTGOMERY, ROBERTSON,  
RUTHERFORD

**District:**

**DBE Goal Percent:** 7.50

**Description:** The ADA curb ramp upgrades on various State Routes.

**Contract Time:** DT - 6/30/2024

Item No.	Description	Quantity	Units
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	313.000	S.Y.
701-01.01	CONCRETE SIDEWALK (4 ")	2,627.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	9,821.000	S.F.
701-02.03	CONCRETE CURB RAMP	175.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	190.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	7.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	14.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	9.000	S.F.
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	3,305.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,400.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	550.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	13.000	S.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNX325 - LOUDON**

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**Contract ID:** CNX325

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 53I040-M3-002

n/a

**Counties:** LOUDON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridges on I-40 over S.R. 95 and U.S. 321 (S.R. 73) (L.M. 0.57).

**Contract Time:** DT - 2/29/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
602-10.01	STRUCTURAL STEEL REPAIRS	(1)	LS
602-10.22	STRUCTURAL STEEL WELD REPAIR	1.000	EACH
602-10.32	STRUCTURAL STEEL (REPAIRS)	7.000	LB.
603-02.20	SPOT PAINTING EXISTING STEEL STRUCTURES	87.000	S.F.
603-05.20	CONTAINMENT & DISPOSAL OF WASTE(LOCATION & DESCRP) (BR. NO. 53-I40-0.57 LT & RT)	(1)	LS
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	310.000	EACH
712-04.10	TEMPORARY FLEXIBLE TUBULAR DELINEATOR	10.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	70.000	EACH
712-06	SIGNS (CONSTRUCTION)	774.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	80.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
712-08.12	QUEUE PROTECTION TRUCK	14.000	DAY
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNX346 - MARION**

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**Contract ID:** CNX346

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 58455-3414-04

N/A

**Counties:** MARION

**District:**

**DBE Goal Percent:**

**Description:** The construction of a concrete box bridge on Orme Road over Dry Creek (L.M. 0.58), including grading, drainage, and paving.

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (60" CMP BRIDGE, 104+71.94)	(1)	LS
202-12	CONSTRUCTION & REMOVAL OF TEMPORARY RUNAROUND	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	496.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	683.000	C.Y.
203-06	WATER	1.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	703.000	C.Y.
203-08	CHANNEL EXCAVATION (UNCLASSIFIED)	900.000	C.Y.
204-01	CULVERT EXCAVATION (UNCLASSIFIED)	740.000	C.Y.
208-01.05	BROOMING & DEGRASSING SHOULDERS	0.230	L.M.
209-03.31	STREAM MITIGATION-COCONUT FIBER ROLLS	463.000	L.F.
209-05	SEDIMENT REMOVAL	27.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	937.000	L.F.
209-08.07	ROCK CHECK DAM	4.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	3.000	EACH
209-09.04	SEDIMENT FILTER BAG(15' X 10')	2.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	152.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	582.000	TON



**Contract ID CNX346 - MARION**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
303-01.01	GRANULAR BACKFILL (ROADWAY)	1,036.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	26.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	285.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	2.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	6.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	292.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	150.100	TON
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	37.000	L.F.
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	4.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	95.000	L.F.
621-03.09	60" TEMPORARY DRAINAGE PIPE	105.000	L.F.
705-01.04	METAL BEAM GUARD FENCE	157.770	L.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	4.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	4.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	427.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	154.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	121.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	398.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	13.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	17.000	EACH
712-06	SIGNS (CONSTRUCTION)	384.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	35.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	20.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	198.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	16.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	15.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS

**Contract ID CNX346 - MARION**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-16.04	CHANGEABLE MESSAGE SIGN UNIT (DESCRIPT) (SEE PLANS)	2.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	20.000	L.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	0.240	L.M.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	0.380	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.230	L.M.
717-01	MOBILIZATION	(1)	LS
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	650.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	100.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	11.000	UNIT
801-01.38	NATVE SEED MX FINAL STABLIZATN OF SLOPES	34.000	UNIT
801-02.08	TEMPORARY SEEDING (WITHOUT MULCH)	21.000	UNIT
802-12.01	ACER NEGUNDO (BOX ELDER SEEDLNG B.R.)	9.000	EACH
802-12.06	ASIMINA TRILOBA (PAWPAW SEEDLNG B.R.)	9.000	EACH
803-01	SODDING (NEW SOD)	3,410.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	257.000	S.Y.
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	164.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	48,248.000	LB.

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

**Contract ID CNX338 - MAURY**

**Contract ID:** CNX338

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 60103-3203-94

BR-STP/HIP-243(98)

**Counties:** MAURY

**District:**

**DBE Goal Percent:** 9.00

**Description:** The construction of a concrete I-beam bridge on S.R. 243 (North Main Street) over Sugar Creek (L.M. 2.06), including grading, drainage, and paving.

**Contract Time:** DT - 11/30/2024

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-01.13	REMOVAL OF PIPE (SIZE ,STA.) (24" ,64+71.29)	43.000	L.F.
202-01.14	REMOVAL OF PIPE (SIZE, STA.) (18" ,64+75.79)	34.000	L.F.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BILLBOARD, STA. 68+49.85)	(1)	LS
202-04.02	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BILLBOARD, STA. 68+56.08)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	182.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	3,773.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	143.000	C.Y.
203-06	WATER	16.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	324.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
209-05	SEDIMENT REMOVAL	32.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	470.000	L.F.
209-08.07	ROCK CHECK DAM	13.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	7.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	3.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	600.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	2,694.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	478.000	TON

**Contract ID CNX338 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	12.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	900.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	452.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	51.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	180.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	12.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	8.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	265.000	TON
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	34.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	34.000	L.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	5.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	804.000	L.F.
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	5.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	4.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	1.000	EACH
706-01	GUARDRAIL REMOVED	604.000	L.F.
706-06.03	RADIUS RAIL	82.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	670.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	17.000	EACH
709-05.06	MACHINED RIP-RAP (CLASS A-1)	424.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	1,375.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	20.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	6.000	EACH
712-06	SIGNS (CONSTRUCTION)	245.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	60.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH

**Contract ID CNX338 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	50.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	15.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	20.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	1.900	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.800	L.M.
717-01	MOBILIZATION	(1)	LS
740-07.04	GEOGRID REINFORCEMENT TYPE 2	560.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	152.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	350.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	2,030.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	5.000	UNIT
801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	6.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	33.000	UNIT
801-03	WATER (SEEDING & SODDING)	10.000	M.G.
802-12.53	QUERCUS PAGODA (CHERRYBARK OAK SEEDLING B.R.)	16.000	EACH
802-13.54	CORNUS AMOMUM (SILKY DOGWOOD SDLNG BARE ROOT)	16.000	EACH
802-13.60	SAMBUCUS CANADENSIS ( ELDERBERRY SDLNG BARE ROOT)	16.000	EACH
802-16.01	SALIX NIGRA (BLACK WILLOW 3FT LIVE STAKES)	14.000	EACH
803-01	SODDING (NEW SOD)	1,550.000	S.Y.
805-12.01	EROSION CONTROL BLANKET (TYPE I)	3,700.000	S.Y.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EXIST. BR. NO. 60-SR243-2.06)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	268.000	C.Y.
204-03.01	WET EXCAVATION (BRIDGES)	128.000	C.Y.
204-04.01	ROCK EXCAVATION (BRIDGES)	48.000	C.Y.
204-05	ROCK DRILLING (BRIDGES)	36.000	L.F.

**Contract ID CNX338 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
204-10.01	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO. 1 STA. 67+55.00)	(1)	LS
204-10.02	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO. 2 STA. 68+07.00)	(1)	LS
204-14	CORE DRILLING FOR PILES(ROCK)	75.000	L.F.
204-15	CORE DRILLING FOR PILES(SOIL)	27.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	46.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	80,745.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	200.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	37,590.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	235.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	208.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	822.000	S.Y.
604-04.41	THREE STAR STATE EMBLEM	4.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	959.000	S.Y.
606-02.03	STEEL PILES (10 INCH)	260.000	L.F.
606-02.06	PILE TIPS (STEEL PILES, 10 INCH)	20.000	EACH
615-01.02	PRESTRESSED CONCRETE I-BEAM (TYPE II)	758.000	L.F.
620-06	CONCRETE RAILING	369.000	L.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	132.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	28.000	L.F.
790-02.07	POLE 35FT CLASS 2 METAL	1.000	EACH
790-04.06	POLE 45FT CLASS 1 METAL	1.000	EACH
790-04.07	POLE 45FT CLASS 2 METAL	2.000	EACH
790-05.05	POLE 50FT CLASS 1 METAL	1.000	EACH
790-05.06	POLE 50FT CLASS 2 METAL	3.000	EACH
790-20.01	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (35FT CLASS 2 METAL)	2.000	EACH
790-20.02	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (40FT CLASS 4 METAL)	2.000	EACH
790-20.03	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (75FT CLASS 1 METAL)	1.000	EACH

**Contract ID CNX338 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-20.30	TOP EXISTING POLE	8.000	EACH
790-21.11	1PH CROSSARM DEADEND 15KV	1.000	EACH
790-21.12	1PH CROSSARM DDE 15KV	1.000	EACH
790-25.37	3PH 8FT FIBERGLASS CROSSARM DEADEND 15kv	3.000	EACH
790-25.40	3PH 10FT FIBERGLASS DOUBLE DEADEND 15kv	3.000	EACH
790-25.43	3PH FIBERGLASS DOUBLE 10FT LARGE CONDUCTOR 15kv	3.000	EACH
790-25.44	3PH FIBERGLASS DOUBLE DEADEND 15kv	1.000	EACH
790-30.03	SECONDARY ASSEMBLIES DEADEND	15.000	EACH
790-30.06	SECONDARY CONDUCTOR 6 AL DUPLEX	386.000	L.F.
790-30.26	SECONDARY CONDUCTOR__ AL QUADRUPLEX (336)	147.000	L.F.
790-32.03	DOWN GUY - THROUGH BOLT ST PL	18.000	EACH
790-32.07	OH GUY - THROUGH BOLT TYPE	3.000	EACH
790-32.23	GUY GUARD	16.000	EACH
790-32.29	DOWN GUY HEAVY CONSTRUCTION - PREFORM	2.000	EACH
790-33.30	SCREW TYPE ANCHOR 16,000LB (F1-2D-P)	10.000	EACH
790-33.31	SCREW TYPE ANCHOR 23,000LB (F1-5D-P)	7.000	EACH
790-36.09	TRANSFER - 1TR XFMR ASSEMBLY	2.000	EACH
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	333.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	1,279.000	L.F.
790-40.09	OH COND 336.4 18/1 ACSR MERLIN	3,837.000	L.F.
790-40.49	OH COND 795 37 AAC ARBUTUS	96.000	L.F.
790-40.73	OH PRI COND _____ (2 6/1 ACSR SPARROW)	1,053.000	L.F.
790-41.49	UG SEC COND 4/0 AL TPLX	60.000	L.F.
790-42.09	3IN DIA PVC PIPE	160.000	L.F.
790-42.16	1 DUCT @ 36IN-48IN DEPTH	15.000	L.F.
790-43.46	SECONDARY PULLBOX LARGE	1.000	EACH
790-43.51	SECONDARY RISER W/ 3IN CONDUIT	1.000	EACH
790-49.01	3PH XFMR BNK POLE MTD NO FUSE/ARRESTERS	1.000	EACH

**Contract ID CNX338 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-52.03	10KVA 1PH OH XFORMER 7.2KV 120/240	3.000	EACH
790-52.04	15KVA 1PH OH XFORMER 7.2KV 120/240	1.000	EACH
790-58.05	GOLB SWITCH 15KV	1.000	EACH
790-60.06	1PH SECTLR OR RECL W/ BYPASS SW 15KV	1.000	EACH
790-68.10	MISCELLANEOUS ASSEMBLIES	14.000	EACH
790-68.11	DEAD END SHOE	3.000	EACH
790-68.21	SEC METERING GUIDE 3-PH 120/208V 4 W GND	1.000	EACH
790-69.11	GROUND-GROUND ROD FOR ST POLE	13.000	EACH
790-69.18	GND ASSY GOLB ON ST POLE	1.000	EACH
790-69.28	EXTENSION LINK - EPOXY -6FT	2.000	EACH
790-69.32	ARM PIN	19.000	EACH
790-70.20	STREET LIGHT (DESCRIPTION) (70W LED)	7.000	EACH
790-71.20	TANGENT HOR LN POSTS 69KV MAX	1.000	EACH
790-98.01	REMOVE WIRE	6,695.000	L.F.
790-98.02	REMOVE POLES	9.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	77.000	EACH
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
791-02.04	4IN MDPE GAS MAIN	370.000	L.F.
791-04.13	HDD 4IN PE PIPE - ROCK	395.000	L.F.
791-06.02	CONNECT TO 2IN EX. PE MAIN	2.000	EACH
791-06.03	CONNECT TO 4IN EX. PE MAIN	2.000	EACH
791-06.52	4IN PE HOT TAP CONNECTION	1.000	EACH
791-07.02	4IN PE GAS VALVE ASSEMBLY	5.000	EACH
791-10.04	RETIRE IN PLACE 2IN SERV CUT & PLUG	2.000	EACH
791-10.05	RETIRE IN PLACE 4IN SERV CUT & PLUG	2.000	EACH
793-01.12	POLE 40FT CLASS 4 WOOD	1.000	EACH
793-98.04	REMOVE POLES ALL SIZES	1.000	EACH
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	20.000	L.F.
795-01.13	16IN DIP RESTRAINED JOINT WATER LINE	500.000	L.F.
795-05.23	HDD 18IN HDPE CASING PIPE-ROCK	350.000	L.F.



**Contract ID CNX338 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-06.05	CONNECT TO 8IN WATER LINE	2.000	EACH
795-06.34	CUT AND CAP 8IN WATER LINE	2.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	6.000	EACH
795-08.14	16IN GATE VALVE ASSEMBLY	2.000	EACH
795-09.08	8IN WATER SERVICE METER ASSEMBLY	1.000	EACH
795-12.08	REMOVE WATER METER	1.000	EACH
795-13.01	DI FITTINGS	4,000.000	LB.
795-14.07	CONCRETE VAULT	1.000	EACH
795-15.10	30IN STEEL CASING PIPE OPEN CUT METHOD	40.000	L.F.
797-07.60	ADJUST EXISTING MANHOLE	3.000	EACH
797-07.61	ADJUST EXISTING MANHOLE (DESCR) (GREATER THAN 12 INCHES)	1.000	EACH

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

**Contract ID CNX339 - MONROE**

**Contract ID:** CNX339

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 62S360-M3-004

N/A

**Counties:** MONROE

**District:**

**DBE Goal Percent:**

**Description:** The construction of a concrete box culvert on S.R. 360 (L.M. 17.8), including grading, drainage, and paving.

**Contract Time:** DT - 4/30/2024

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)	4,445.000	C.Y.
203-02.02	BORROW EXCAVATION (GRADED SOLID ROCK)	2,779.000	C.Y.
203-02.05	BORROW EXCAVATION (DESCRIPTION) (SOIL)	5.000	C.Y.
203-06	WATER	10.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	31.000	C.Y.
204-10.30	FOUNDATION PREPARATION (DESCRIPTION) (INLET)	(1)	LS
204-10.31	FOUNDATION PREPARATION (DESCRIPTION) (OUTLET)	(1)	LS
209-03.21	FILTER SOCK (12 INCH)	325.000	L.F.
209-05	SEDIMENT REMOVAL	24.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	180.000	L.F.
209-09.03	SEDIMENT FILTER BAG (15' X 15')	4.000	EACH
209-13.04	TURBIDITY CURTAIN(DESCRIPTION) (TYPE 1)	1,114.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	622.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	791.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	126.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	83.000	TON

**Contract ID CNX339 - MONROE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	1.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	59.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	0.200	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	10.000	TON
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	4.000	EACH
705-06.02	W BEAM GR (TYPE 2) MASH TL-3 (LONG POST)	492.000	L.F.
706-01	GUARDRAIL REMOVED	100.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	100.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	990.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	4.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	50.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	51.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	8.000	EACH
712-06	SIGNS (CONSTRUCTION)	835.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	44.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	22.000	L.F.
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	3,192.000	L.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
713-16.20	SIGNS (DESCRIPTION) (24"x30",W1-8L, CHEVRON ALIGNMENT SIGN)	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (24"x30",W1-8R, CHEVRON ALIGNMENT SIGN)	2.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	4.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	0.300	L.M.

**Contract ID CNX339 - MONROE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.300	L.M.
717-01	MOBILIZATION	(1)	LS
730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	338.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	454.000	S.Y.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	1.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	2.000	UNIT
801-03	WATER (SEEDING & SODDING)	0.200	M.G.
805-12.01	EROSION CONTROL BLANKET (TYPE I)	184.000	S.Y.
607-50.04	PRECAST CONCRETE BOX CULVERT (10' X 4')	81.000	L.F.

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

**Contract ID CNX326 - OBION**

**Contract ID:** CNX326

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 66S431-F3-002

HSIP-431(18)

**Counties:** OBION

**District:**

**DBE Goal Percent:**

**Description:** The miscellaneous safety improvements including paving on S.R. 431 from U.S. 45W (S.R. 5) (L.M. 6.55) to near the bridge over Hoosier Creek (L.M. 7.00).

**Contract Time:** DT - 6/30/2024

Item No.	Description	Quantity	Units
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	125.000	S.Y.
202-03.01	REMOVAL OF ASPHALT PAVEMENT	400.000	S.Y.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	100.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	30.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	1.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	1.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	15.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	21.000	L.F.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	19.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	93.000	S.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	52.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	69.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	191.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	134.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	12.000	EACH
716-03.06	PLASTIC WORD PAVEMENT MARKING (SIGNAL	2.000	EACH

Contract ID CNX326 - OBION

Item No.	Description	Quantity	Units
716-08.11	AHEAD) REMOVAL OF WORD PAVEMENT MARKING (DESCRIPTION) (SEE PLANS)	2.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	3.000	L.M.
730-01.04	MODIFICATION OF EXISTING TRAFFIC SIGNAL EQUIPMENT	(1)	LS
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	205.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC SCHEDULE 40)	205.000	L.F.
730-15.11	MODIFY CABINET (DESCRIPTION) (SEE PLANS)	1.000	EACH
730-26.04	AUDIBLE PEDESTRIAN SIGNAL	2.000	EACH
730-26.09	PEDESTRIAN PUSHBUTTON WITH 15IN SIGN	2.000	EACH
730-26.10	PEDESTRIAN SIGNAL HEAD W/PUSHBUTTON & 15IN SIGN	2.000	EACH
803-01	SODDING (NEW SOD)	400.000	S.Y.

( ) Item will be bid as lump sum.

**Contract ID CNX182 - PUTNAM & WHITE**

**Contract ID:** CNX182

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 71011-4238-04  
93S111-M3-002

N/A  
N/A

**Counties:** PUTNAM, WHITE

**District:**

**DBE Goal Percent:**

**Description:** The construction of a small drainage structure on S.R. 111 at L.M. 15.76 in White County and a concrete slab bridge on S.R. 135 at L.M. 13.57 in Putnam County.

**Contract Time:** DT - 6/30/2024

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
202-02.01	REMOVAL OF PIPE (SIZE ,STA.) (15" CMP ,STA. 12+11.96)	40.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	4,276.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	1,315.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	492.000	C.Y.
203-06	WATER	1.750	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	225.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	103.000	C.Y.
209-03.21	FILTER SOCK (12 INCH)	550.000	L.F.
209-05	SEDIMENT REMOVAL	34.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	1,300.000	L.F.
209-08.07	ROCK CHECK DAM	5.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	5.000	EACH
209-09.01	SANDBAGS	450.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	4.000	EACH
209-09.04	SEDIMENT FILTER BAG(15' X 10')	2.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	40.000	S.Y.

**Contract ID CNX182 - PUTNAM & WHITE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-40.33	CATCH BASIN PROTECTION (TYPE D)	5.000	EACH
209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	2.000	EACH
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	2.000	EACH
209-65.01	TEMPORARY STREAM DIVERSION (DESCRIPTION) (INSTREAM DIVERSION)	(1)	LS
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	242.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	200.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	87.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	100.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	1.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	2.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	0.400	TON
411-01.10	ACS MIX(PG64-22) GRADING D	63.000	TON
411-12.04	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (4IN WIDTH)	0.060	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	40.000	TON
606-24.13	TEMPORARY SHEET PILES	(1)	LS
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	20.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	72.000	L.F.
607-08.05	42" CONCRETE PIPE CULVERT(CLASS IV)JACKED- IN-PLACE	592.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	79.000	L.F.
611-01.04	MANHOLES, > 12' - 16' DEPTH	2.000	EACH
611-02.01	SPRING DRAIN BOX, TYPE 1	1.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	12.200	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	519.000	LB.
611-07.31	18IN ENDWALL (SIDE DRAIN)	1.000	EACH
611-39.03	CATCH BASINS, TYPE 39, > 8' - 12' DEPTH	2.000	EACH
621-03.05	36" TEMPORARY DRAINAGE PIPE	125.000	L.F.
705-01.04	METAL BEAM GUARD FENCE	24.000	L.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	3.000	EACH



**Contract ID CNX182 - PUTNAM & WHITE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-06.02	W BEAM GR (TYPE 2) MASH TL-3 (LONG POST)	458.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	1.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	3.000	EACH
706-06.03	RADIUS RAIL	20.000	L.F.
707-03.01	STOCK FENCE	342.000	L.F.
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (BARBED WIRE FENCE)	535.000	L.F.
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (PAGE WIRE)	342.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	2,075.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	15.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	600.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	1,700.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	8.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	85.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	85.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	16.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,016.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	72.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	4,190.000	L.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	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)	0.750	L.M.

**Contract ID CNX182 - PUTNAM & WHITE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,474.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	1,080.000	L.F.
801-01	SEEDING (WITH MULCH)	3.270	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	85.000	UNIT
801-01.38	NATVE SEED MX FINAL STABLIZATN OF SLOPES	6.000	UNIT
801-03	WATER (SEEDING & SODDING)	54.270	M.G.
803-01	SODDING (NEW SOD)	4,500.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	750.000	S.Y.
806-02.03	PROJECT MOWING	1.000	CYCL
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (5'X10' SLAB BRIDGE, STA. 11+13.04)	(1)	LS
604-01.01	CLASS A CONCRETE (ROADWAY)	37.000	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	6,705.000	LB.

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

**Contract ID CNX348 - RHEA**

**Contract ID:** CNX348

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 72945-3495-94

HSIP-7200(33)

**Counties:** RHEA

**District:**

**DBE Goal Percent:** 4.00

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

**Contract Time:** DT - 6/30/2024

Item No.	Description	Quantity	Units
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	15.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	1,080.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	300.000	L.F.
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	15.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
713-02.11	REMOVAL OF EXISTING DELINEATORS	43.000	EACH
713-02.14	FLEXIBLE DELINEATOR (WHITE)	190.000	EACH
713-02.20	ROADSIDE OBSTACLE DELINEATION	388.000	S.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	966.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	2,418.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	4,643.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	529.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	1,213.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	108.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	1,020.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	450.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	16.000	S.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	62.560	L.M.
716-13.03	SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)	120.000	L.F.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED	2,055.000	L.F.

Contract ID CNX348 - RHEA

Item No.	Description	Quantity	Units
717-01	LINE) MOBILIZATION	(1)	LS

( ) Item will be bid as lump sum.

Contract ID CNX321 - ROANE & SCOTT

Contract ID: CNX321

Letting Date: October 06, 2023 10:00 AM

Projects: R1SVAR-F3-030

HSIP-REG1(215)

Counties: ROANE, SCOTT

District:

DBE Goal Percent: 7.00

Description: The ADA curb ramp upgrades on various State Routes.

Contract Time: DT - 5/31/2024

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	271.000	S.Y.
202-08.15	REMOVAL OF CURB AND GUTTER (DESCRIPTION) (DESCRIPTION)	807.000	L.F.
203-07	FURNISHING & SPREADING TOPSOIL	52.000	C.Y.
701-01.01	CONCRETE SIDEWALK (4 ")	2,439.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	5,322.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	56.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	49.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	251.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	124.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	296.000	L.F.
717-01	MOBILIZATION	(1)	LS
801-01	SEEDING (WITH MULCH)	5.000	UNIT

( ) Item will be bid as lump sum.

**Contract ID CNX340 - ROBERTSON**

**Contract ID:** CNX340

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 74455-3526-04

N/A

**Counties:** ROBERTSON

**District:**

**DBE Goal Percent:**

**Description:** The construction of a concrete box bridge on Experiment Station Road over Wartrace Creek (L.M. 0.61) in Springfield, including grading, drainage, and paving.

**Contract Time:** DT - 9/30/2024

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (2@ 12'X5' RCSB, STA 35+39.56)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	778.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	1,000.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	233.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	118.000	C.Y.
203-05	UNDERCUTTING	300.000	C.Y.
203-06	WATER	5.300	M.G.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
209-05	SEDIMENT REMOVAL	28.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	768.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	11.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	2.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	226.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	795.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	34.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	127.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	3.000	TON

**Contract ID CNX340 - ROBERTSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
402-02	AGGREGATE FOR COVER MATERIAL (PC)	9.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	115.000	TON
621-03.02	18" TEMPORARY DRAINAGE PIPE	50.000	L.F.
705-01.04	METAL BEAM GUARD FENCE	75.000	L.F.
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	1.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	272.000	L.F.
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	4.000	EACH
706-01	GUARDRAIL REMOVED	199.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	178.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	50.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	633.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	40.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	224.000	LB.
713-11.22	U POST SLIP BASE	3.000	EACH
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	45.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	11.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	0.500	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.500	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	428.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	800.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	653.000	L.F.
801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	3.800	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	15.600	UNIT

**Contract ID CNX340 - ROBERTSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-01.34	GRASS SEED MIX (RIPZN/FLPL)	4.300	UNIT
801-03	WATER (SEEDING & SODDING)	11.500	M.G.
802-12.17	JUGLANS NIGRA (BLACK WALNUT SEEDLNG B.R.)	31.000	EACH
802-12.26	PLATANUS OCCIDENTALIS (SYCAMORE SEEDLNG B.R.)	31.000	EACH
802-12.44	ULMUS AMERICANA (AMERICAN ELM SEEDLNG B.R.)	31.000	EACH
802-12.55	CARYA LACINIOSA (SHELLBARK HICKORY SEEDLING B.R.)	30.000	EACH
803-01	SODDING (NEW SOD)	706.000	S.Y.
204-08	FOUNDATION FILL MATERIAL	14.000	C.Y.
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	142.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	30,924.000	LB.
790-04.07	POLE 45FT CLASS 2 METAL	1.000	EACH
790-05.06	POLE 50FT CLASS 2 METAL	1.000	EACH
790-06.06	POLE 55 FT CLASS 2 METAL	1.000	EACH
790-26.22	3PH VERTICAL DDE ANGLE LRG COND 25KV	1.000	EACH
790-26.32	3PH CROSSARM 10FT FBRGLS X-ARM DDE 25KV	1.000	EACH
790-30.03	SECONDARY ASSEMBLIES DEADEND	4.000	EACH
790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	6.000	EACH
790-32.08	OH GUY - THROUGH BOLT TYPE HEAVY DUTY	4.000	EACH
790-32.23	GUY GUARD	6.000	EACH
790-33.17	ROCK ANCHOR EXPANDING TYPE	1.000	EACH
790-33.32	SCREW TYPE ANCHOR 36,000LB (F1-6T-P)	3.000	EACH
790-36.14	TRANSFER CONDUCTOR	4.000	EACH
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	162.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	486.000	L.F.
790-68.01	POLE GROUND ROD TYPE	3.000	EACH
790-69.27	EXTENSION LINK - EPOXY -4FT	1.000	EACH
790-69.30	POLE TOP PIN FOR ST POLE	1.000	EACH
790-69.32	ARM PIN	4.000	EACH



**Contract ID CNX340 - ROBERTSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-98.01	REMOVE WIRE	836.000	L.F.
790-98.02	REMOVE POLES	2.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	17.000	EACH

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

**Contract ID CNX349 - SEQUATCHIE**

**Contract ID:** CNX349

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 77945-3430-94

HSIP-7700(23)

**Counties:** SEQUATCHIE

**District:**

**DBE Goal Percent:** 5.00

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

**Contract Time:** DT - 6/30/2024

Item No.	Description	Quantity	Units
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	1.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	6,830.000	L.F.
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	1.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
713-02.14	FLEXIBLE DELINEATOR (WHITE)	9.000	EACH
713-02.20	ROADSIDE OBSTACLE DELINEATION	112.000	S.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	1,614.000	L.F.
713-02.22	BARRIER WALL DELINEATION ENHANCEMENT	640.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	1,482.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	5,739.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	820.562	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	1,015.500	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	78.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	665.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	462.000	L.F.
716-04.16	PLASTIC PAVEMENT MARKING (NOISE STRIP)	48.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	43.410	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	555.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNX328 - SHELBY**

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**Contract ID:** CNX328

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 79030-4224-04

NA

**Counties:** SHELBY

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on Monroe Avenue over U.S. 51 (S.R. 1, Danny Thomas Boulevard) (L.M. 0.00).

**Contract Time:** CD - 30 Days

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	8.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	108.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	405.000	S.Y.
604-10.05	CONCRETE	80.000	S.F.
604-10.20	HYDRODEMOLITION	422.000	S.Y.
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	20.000	S.Y.
604-10.42	CONCRETE REPAIRS	156.000	C.F.
604-10.46	EXPANSION JOINT REPAIRS (TYPE G)	94.000	L.F.
604-10.54	CONCRETE REPAIRS	80.000	S.F.
604-10.67	CONCRETE REPAIRS (DESCRIPTION) (SAW CUTTING)	164.000	L.F.
604-10.89	MISCELLANEOUS BRIDGE ITEMS (Description) (TEMPORARY ADA RAMPS)	(1)	LS
619-01	BRIDGE DECK OVERLAY (PMC)	419.000	S.Y.
619-01.35	BRIDGE DECK OVERLAY (PMC)	10.000	C.Y.
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	32.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	680.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH

**Contract ID CNX328 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	80.000	EACH
712-06	SIGNS (CONSTRUCTION)	908.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	200.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	5,210.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.000	L.M.
717-01	MOBILIZATION	(1)	LS
801-03	WATER (SEEDING & SODDING)	3.000	M.G.
803-01	SODDING (NEW SOD)	300.000	S.Y.

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

**Contract ID CNX330 - SHELBY**

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**Contract ID:** CNX330

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** R4BVAR-M3-040

NA

**Counties:** SHELBY

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 2/28/2025

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.11	CLEAN DRAIN(WITH GRATE)	3,389.000	EACH
611-07.12	CLEAN DRAIN(WALL DRAIN)	722.000	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.
611-07.20	HEAVY DRAIN CLEANING	40.000	EACH
712-01.02	LANE CLOSURE	40.000	EACH

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

**Contract ID CNX345 - STEWART**

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**Contract ID:** CNX345

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 81945-3483-94

HSIP-8100(15)

**Counties:** STEWART

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 6/30/2024

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	617.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	3,568.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	3,620.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	452.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	923.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	55.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	192.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	68.360	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	4,889.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNX306 - TROUSDALE**

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**Contract ID:** CNX306

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 85S141-S3-003

n/a

**Counties:** TROUSDALE

**District:**

**DBE Goal Percent:**

**Description:** The grading, drainage, construction of bridges, and paving on S.R. 141 from north of S.R. 10 (L.M. 4.24) to near the intersection of Cedar Bluff Road (L.M. 8.29).

**Contract Time:** DT - 7/31/2027

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	7,180.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 30)	(1)	LS
202-06.02	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 37)	(1)	LS
202-06.03	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 37)	(1)	LS
202-06.04	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 57)	(1)	LS
202-06.05	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 58)	(1)	LS
202-06.06	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 62)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	553,679.000	C.Y.
203-01.11	PRESPLITTING OF ROCK EXCAVATION	24,205.000	S.Y.
203-01.13	ROAD & DRAINAGE EXCAVATION (STREAM MITIGATION)	5,639.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	302,394.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	89,254.000	C.Y.



**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
203-04	PLACING AND SPREADING TOPSOIL	1,685.000	C.Y.
203-06	WATER	5,573.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	38,203.000	C.Y.
203-15.03	COMPACTED CLAY	420.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
203-70.07	STANDPIPE	7.000	EACH
204-08	FOUNDATION FILL MATERIAL	1,500.000	C.Y.
209-02.03	8" TEMPORARY SLOPE DRAIN	1,993.000	L.F.
209-02.05	12" TEMPORARY SLOPE DRAIN	217.000	L.F.
209-03.37	STREAM MITIGATION CROSS VANE STRUCTURE	7.000	EACH
209-03.99	PROTECTED AREA MARKER (WHITE WITH DECAL)	25.000	EACH
209-05	SEDIMENT REMOVAL	4,553.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	1,000.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	35,397.000	L.F.
209-08.07	ROCK CHECK DAM	681.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	294.000	EACH
209-09.01	SANDBAGS	5,695.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	8.000	EACH
209-09.22	POLYACRYLAMIDE POWDER	8,984.000	LB.
209-09.23	POLYACRYLAMIDE LIQUID	904.000	GAL.
209-10.20	TEMPORARY SEDIMENT TRAP	1,876.800	C.Y.
209-13.04	TURBIDITY CURTAIN(DESCRIPTION) (STA. 487+20 SOUTH BANK)	550.000	L.F.
209-13.05	TURBIDITY CURTAIN(DESCRIPTION) (STA. 490+20 NORTH BANK)	430.000	L.F.
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	323.000	S.Y.
209-65.01	TEMPORARY STREAM DIVERSION (DESCRIPTION) (WITH PUMP AROUND)	(1)	LS
209-65.03	TEMPORARY DIVERSION CHANNEL	1,419.000	L.F.
209-65.04	TEMPORARY IN STREAM DIVERSION	75.000	L.F.
303-01.01	GRANULAR BACKFILL (ROADWAY)	11,892.000	TON

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
303-01.02	GRANULAR BACKFILL (BRIDGES)	1,063.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	612.000	TON
303-10.04	MINERAL AGGREGATE (SIZE ) (SIZE **)	1,282.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	9.200	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	1,238.000	S.Y.
604-01.01	CLASS A CONCRETE (ROADWAY)	1,470.700	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	201,288.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	607.000	S.Y.
606-24.12	TEMPORARY SHEET PILES	1,000.000	S.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	238.000	L.F.
607-03.30	18" PIPE CULVERT	210.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	213.000	L.F.
607-05.03	24" CONCRETE PIPE CULVERT (CLASS IV)	327.000	L.F.
607-05.30	24" PIPE CULVERT	36.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	163.000	L.F.
607-06.03	30" CONCRETE PIPE CULVERT (CLASS IV)	169.000	L.F.
607-06.30	30" PIPE CULVERT	78.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	544.000	L.F.
607-07.03	36" CONCRETE PIPE CULVERT (CLASS IV)	265.000	L.F.
607-08.03	42" CONCRETE PIPE CULVERT (CLASS IV)	105.000	L.F.
607-08.04	42" CONCRETE PIPE CULVERT (CLASS V)	181.000	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	226.000	L.F.
607-09.04	48" CONCRETE PIPE CULVERT (CLASS V)	494.000	L.F.
607-09.05	48" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE	90.000	L.F.
607-11.04	60" CONCRETE PIPE CULVERT (CLASS IV)	240.000	L.F.
607-11.05	60" CONCRETE PIPE CULVERT (CLASS V)	559.000	L.F.
607-13.03	72" CONCRETE PIPE CULVERT (CLASS III)	556.000	L.F.
607-13.05	72" CONCRETE PIPE CULVERT (CLASS V)	690.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	699.000	L.F.

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	306.000	L.F.
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	99.000	L.F.
607-39.05	36" PIPE CULVERT (SIDE DRAIN)	23.000	L.F.
607-39.06	42" PIPE CULVERT (SIDE DRAIN)	35.000	L.F.
607-39.09	60" PIPE CULVERT (SIDE DRAIN)	45.000	L.F.
611-02.10	JUNCTION BOX, TYPE 1	1.000	EACH
611-02.12	JUNCTION BOX, TYPE 3	5.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	140.310	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	7,967.000	LB.
611-07.05	CLASS A CONCRETE (DISSIPATOR)	66.900	C.Y.
611-07.06	STEEL BAR REINFORCEMENT (DISSIPATOR)	20,259.000	LB.
611-07.31	18IN ENDWALL (SIDE DRAIN)	42.000	EACH
611-07.32	24IN ENDWALL (SIDE DRAIN)	16.000	EACH
611-07.33	30IN ENDWALL (SIDE DRAIN)	6.000	EACH
611-07.34	36IN ENDWALL (SIDE DRAIN)	2.000	EACH
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	8.000	EACH
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	5.000	EACH
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	2.000	EACH
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	3.000	EACH
611-07.61	30IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	4.000	EACH
611-07.65	36IN ENDWALL (CROSS DRAIN) 6:1	3.000	EACH
611-31.02	CATCH BASINS, TYPE 31, > 4' - 8' DEPTH	2.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	390.000	L.F.
621-03.09	60" TEMPORARY DRAINAGE PIPE	90.000	L.F.
701-02	CONCRETE DRIVEWAY	611.000	S.F.
705-04.02	GUARDRAIL TERMINAL (TYPE 12)	8.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	10.000	EACH

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	9.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	21,613.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	2.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	47.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	10.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	8.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	9.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	3.000	EACH
705-20.20	LOW MAINT CRASH CUSHN NARROW (MASH TL-3)	2.000	EACH
706-01	GUARDRAIL REMOVED	980.000	L.F.
706-06.03	RADIUS RAIL	1,758.500	L.F.
706-10.26	ROUNDED END ELEMENT	39.000	EACH
706-10.73	REMOVAL OF GUARDRAIL & POST FOR REUSE	1,100.000	L.F.
707-03.01	STOCK FENCE	1,535.000	L.F.
707-03.02	END, BRACED LINE, CORNER POST ASSEMBLY(STOCK FENCE)	9.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	17,831.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	150.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	653.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	31,390.400	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	13,423.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	9,468.225	TON
709-05.81	ROCK RIFFLES	(1)	LS
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	30,020.000	L.F.
710-05	LATERAL UNDERDRAIN	3,515.000	L.F.
710-06.11	LATERAL UNDERDRAIN ENDWALL (2:1)	26.000	EACH
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	14.000	EACH
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	14.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	106.000	EACH
711-05.71	51IN SINGLE SLOPE CONCRETE BARRIER WALL	800.000	L.F.

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	2,970.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	200.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	149.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	30.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,297.500	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	204.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
712-09.01	REMOVABLE PAVEMENT MARKING LINE	24,815.000	L.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	6,711.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	3.000	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	702.000	LB.
713-02.14	FLEXIBLE DELINEATOR (WHITE)	47.000	EACH
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	46.000	EACH
713-02.16	FLEXIBLE TYPE II OBJECT MARKER	12.000	EACH
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	2,147.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	3,660.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	242.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	304.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	93.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.04	INSTALLATION OF LETTERS & ARROWS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	3.000	EACH
713-16.06	DEAD END SIGN AND SUPPORT	3.000	EACH
713-16.07	END OF ROADWAY SIGN AND SUPPORT	4.000	EACH
716-01.07	TEMPORARY RAISED PAVEMENT MARKER, YELLOW	92.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	486.000	EACH

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	217.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	309.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	338.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	16.000	EACH
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	12.400	L.M.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	338.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	16.300	L.M.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	2.900	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	23.700	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	1,150.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	600.000	L.F.
717-01	MOBILIZATION	(1)	LS
740-06.01	GEOMEMBRANE	1,660.000	S.Y.
740-07.04	GEOGRID REINFORCEMENT TYPE 2	1,060.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	53,782.870	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	134,495.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	554.000	L.F.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	148,260.000	L.F.
801-01	SEEDING (WITH MULCH)	57.000	UNIT
801-01.06	SEEDING (SPECIAL MIXTURE)	42.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	5,922.000	UNIT
801-01.35	GRASS SEED MIX (RIPZN/FLPL) W/MULCH	13.000	UNIT
801-01.36	SPECIAL WETLAND SEED MIXTURE	9.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	1,289.000	UNIT
801-02.01	CROWN VETCH MIXTURE (WITHOUT MULCH)	1,177.000	UNIT

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-03	WATER (SEEDING & SODDING)	844.000	M.G.
801-07	SEED (SUPPLEMENTAL APPLICATION)	303.000	LB.
801-07.01	CROWN VETCH SEED (SUPPLEMENTAL APPLICATION)	265.000	LB.
801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	5.000	TON
802-02.01	SEEDLINGS (DESCRIPTION) (AMELANCHIER ARBOREA B.R.)	28.000	EACH
802-02.31	CUTTINGS: SALIX SERICEA (18IN-24IN)	79.000	EACH
802-02.32	CUTTINGS: CORNUS AMOMUM (18IN-24IN)	79.000	EACH
802-02.33	CUTTINGS: SAMBUCUS CANADENSIS (18IN-24IN)	79.000	EACH
802-02.35	CUTTINGS: CEPHALANTHUS OCCIDENTALIS (18IN-24IN)	79.000	EACH
802-12.02	ACER RUBRUM (RED MAPLE SEEDLNG B.R.)	28.000	EACH
802-12.11	CERCIS CANADENSIS (REDBUD SEEDLNG B.R.)	43.000	EACH
802-12.13	CRATAEGUS PHAENOPYRUM (WSHNGTN HAWTHORN SEEDLNG B.R.)	15.000	EACH
802-12.18	LIQUIDAMBER STYRACIFLUA (SWEETGUM SEEDLNG B.R.)	28.000	EACH
802-12.19	LIRIODENDRON TULIPIFERA (TULIP POPLAR SEEDLNG B.R.)	28.000	EACH
802-12.26	PLATANUS OCCIDENTALIS (SYCAMORE SEEDLNG B.R.)	28.000	EACH
802-12.39	QUERCUS RUBRA (NORTHERN RED OAK SEEDLNG B.R.)	28.000	EACH
802-12.51	CORNUS AMOMUM (SILKY DOGWOOD SEEDLING B.R.)	28.000	EACH
802-12.57	VIBURNUM RUFIDULUM (RUSTY BLACKHAW SDLNG B.R.)	15.000	EACH
802-13.14	CALLICARPA AMERICANA (AMRCN BEAUTYBERRY) 2-5FT C.G.	15.000	EACH
802-13.16	CORYLUS AMERICANA (HAZELNUT) 2-5FT C.G.	15.000	EACH
802-13.52	CALYCANTHUS FLORIDUS (SWEETSHRUB SDLNG BARE ROOT)	28.000	EACH
802-13.55	HAMAMELIS VIRGINIANA (WITCH HAZEL SDLNG BARE ROOT)	28.000	EACH

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
802-13.56	HYDRANGEA QUERCIFOLIA (OAKLF HYDRANGEA SDLNG BARE ROOT)	15.000	EACH
802-13.59	LINDERA BENZOIN (SPICEBUSH SDLNG BARE ROOT)	28.000	EACH
802-13.60	SAMBUCUS CANADENSIS ( ELDERBERRY SDLNG BARE ROOT)	28.000	EACH
802-13.61	ARONIA MELANOCARPA (BLCK CHOKEBERRY SDLNG B.R.)	15.000	EACH
802-13.65	AMORPHA FRUTICOSA (INDIGOBUSH SDLING B.R.)	15.000	EACH
802-13.66	CORNUS DRUMMONDII (ROUGH LEAF DOGWOOD SDLING B.R.)	15.000	EACH
802-13.72	RHUS TYPHINA (STAGHORN SUMAC SDLING B.R.)	15.000	EACH
803-01	SODDING (NEW SOD)	10,000.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	29,522.000	S.Y.
805-12.03	EROSION CONTROL BLANKET (TYPE III)	5,630.000	S.Y.
805-12.05	TURF REINFORCEMENT MAT (CHANNEL LINER)	785.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	655.000	S.Y.
806-02.03	PROJECT MOWING	6.000	CYCL
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	1,610.600	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	212,773.000	LB.
204-02.01	DRY EXCAVATION (BRIDGES)	3,828.000	C.Y.
204-03.01	WET EXCAVATION (BRIDGES)	2,395.000	C.Y.
204-04.01	ROCK EXCAVATION (BRIDGES)	730.000	C.Y.
204-05	ROCK DRILLING (BRIDGES)	342.000	L.F.
204-09.01	COFFERDAM (PIER NO. ,STA.) (PIER NO. 2, STA. 490+12.00)	(1)	LS
204-12	CORE DRILLING (CONCRETE SEAL)	220.000	L.F.
204-14	CORE DRILLING FOR PILES(ROCK)	190.000	L.F.
204-15	CORE DRILLING FOR PILES(SOIL)	130.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	108.000	TON
602-04.01	STEEL STRUCTURES (LOCATION & DESCRIPTION) (STA. 491+00.77)	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	1,138,026.000	LB.



**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-03.01	CLASS A CONCRETE (BRIDGES)	6,201.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	1,181,115.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	607.000	S.Y.
604-03.25	CLASS S CONCRETE (FOUNDATION SEAL)	1,332.000	C.Y.
604-03.32	CLASS DS CONCRETE	3,090.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	13,079.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	11,751.000	S.Y.
604-11.01	EXPANSION DEVICE (DESCRIPTION) (ABUTMENT NO. 1, 12" MOVEMENT)	58.000	L.F.
604-11.02	EXPANSION DEVICE (DESCRIPTION) (PIER 3, 12: MOVEMENT)	58.000	L.F.
606-02.01	TEST PILES (STEEL PILES, 10 INCH)	18.000	L.F.
606-02.03	STEEL PILES (10 INCH)	2,159.000	L.F.
606-17.03	STEEL PIPE PILES (12-INCH)	11,963.000	L.F.
606-17.06	PILE TIPS (STEEL PIPE PILES, 12-INCH)	329.000	EACH
615-01.11	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-63)	1,138.000	L.F.
615-01.12	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-72)	4,203.000	L.F.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	4,011.000	L.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	389.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	120.000	L.F.
714-16.01	NAVIGATIONAL LIGHTING	(1)	LS
908-21.01	BEARINGS (DESCRIPTION) (ABUTMENT NO. 1, EXPANSION)	5.000	EACH
908-21.02	BEARINGS (DESCRIPTION) (PIER NO. 1, EXPANSION)	5.000	EACH
908-21.03	BEARINGS (DESCRIPTION) (PIER NO. 2, FIXED)	5.000	EACH
908-21.04	BEARINGS (DESCRIPTION) (PIER NO.3, EXPANSION)	5.000	EACH
793-01.08	POLE 35FT CLASS 5 WOOD	1.000	EACH
793-01.41	ANCHOR 1IN	37.000	EACH
793-10.20	EXPOSE EXISTING CABLE/CONDUIT (ALL DEPTHS)	60.000	L.F.

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-11.10	12IN PEDESTAL	2.000	EACH
793-11.23	HANDHOLE 24INX36INX24IN	2.000	EACH
793-11.31	REMOVE HANDHOLE	1.000	EACH
793-13.07	4IN SCHEDULE 40 PVC	1,313.000	L.F.
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	107.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	603.000	L.F.
793-14.26	UNDERGROUND TO OVERHEAD RISER	3.000	EACH
793-16.25	MH(RETIRE/REMOVE/SAND BACKFILL)	1.000	EACH
793-98.04	REMOVE POLES ALL SIZES	28.000	EACH
793-98.05	RETIRE BURIED FACILITIES IN PLACE	4,650.000	L.F.
793-98.06	REMOVE PEDESTALS	2.000	EACH
793-98.07	REMOVE UNDERGROUND TO OVERHEAD RISER	4.000	EACH
793-98.08	REMOVE ANCHOR (ANY SIZE)	22.000	EACH
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	2,075.000	L.F.
795-03.04	4IN PVC WATER LINE	1,978.000	L.F.
795-03.34	6IN C900 PVC WATER LINE	2,722.000	L.F.
795-03.35	8IN C900 PVC WATER LINE	20.000	L.F.
795-03.37	12IN C900 PVC WATER LINE	1,033.000	L.F.
795-05.63	BORE/JACK 12IN STEEL CASING PIPE-UNCON.	40.000	L.F.
795-05.68	BORE/JACK 24IN STEEL CASING PIPE-UNCON.	60.000	L.F.
795-06.32	CUT AND CAP 4IN WATER LINE	2.000	EACH
795-06.33	CUT AND CAP 6IN WATER LINE	3.000	EACH
795-06.34	CUT AND CAP 8IN WATER LINE	1.000	EACH
795-06.37	CUT AND CAP 12IN WATER LINE	2.000	EACH
795-07.01	4IN X 4IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-07.03	6IN X 6IN TAPPING SLEEVE AND VALVE	3.000	EACH
795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	1.000	EACH
795-07.13	12IN X 8IN TAPPING SLEEVE AND VALVE	1.000	EACH
795-07.15	12IN X 12IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	1.000	EACH

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-08.09	12IN GATE VALVE ASSEMBLY	1.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	8.000	EACH
795-09.60	3/4IN PEXa SERVICE PIPE	450.000	L.F.
795-10.03	1IN AUTO AIR RELEASE VALVE ASSEMBLY	4.000	EACH
795-12.01	REMOVE FIRE HYDRANT	1.000	EACH
795-13.01	DI FITTINGS	2,078.000	LB.
795-13.04	BRIDGE HANGER SYSTEM	(1)	LS
795-13.07	CREEK CROSSING (DESCRIPTION) (STA. 660+31.89)	(1)	LS
795-14.01	CLASS A CONCRETE	25.000	C.Y.
795-15.01	8IN STEEL CASING PIPE OPEN CUT METHOD	225.000	L.F.
795-15.02	12IN STEEL CASING PIPE OPEN CUT METHOD	275.000	L.F.
795-15.07	24IN STEEL CASING PIPE OPEN CUT METHOD	173.000	L.F.
797-03.09	10IN PVC FORCE MAIN	1,918.000	L.F.
797-06.93	OPEN CUT 24IN STEEL CASING PIPE	200.000	L.F.
797-08.01	DI FITTINGS	834.000	LB.
797-10.19	CONNECT TO 10IN FORCE MAIN	2.000	EACH
797-11.44	STREAM CROSSING (#) (1)	(1)	LS
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	138,513.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	14,041.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	11,664.000	TON
307-01.20	ASP. CONC. MIX(PG64-22) (BPMB-HM) GR. A-S	11,169.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	247.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	966.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	79.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	4,237.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	7,132.000	TON
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	120,753.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	14,041.000	TON

**Contract ID CNX306 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	11,664.000	TON
307-01.20	ASP. CONC. MIX(PG64-22) (BPMB-HM) GR. A-S	11,169.000	TON
309-01.01	MINERAL AGGREGATE (A-CBC)	17,883.000	TON
309-01.02	PORTLAND CEMENT (A-CBC)	694.000	TON
309-02	BITUMINOUS MATERIAL (A-CBC)	170.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	247.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	966.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	79.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	4,237.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	7,132.000	TON
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	100,668.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	14,041.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	11,664.000	TON
307-01.20	ASP. CONC. MIX(PG64-22) (BPMB-HM) GR. A-S	11,169.000	TON
312-01	MINERAL AGGREGATE (ALFSB)	15,534.000	TON
312-02	LIME	594.000	TON
312-03	FLY ASH	1,859.000	TON
312-04	BITUMINOUS MATERIAL (ALFSB)	170.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	247.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	966.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	79.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	4,237.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	7,132.000	TON

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

**Contract ID CNX109 - WARREN**

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**Contract ID:** CNX109

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 89S136-M3-002

NA

**Counties:** WARREN

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 136 over the Caney Fork River (L.M. 1.99).

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

Item No.	Description	Quantity	Units
201-07.01	REMOVAL AND DISPOSAL OF BRUSH & TREES	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BRIDGE NO. 89-SR136-01.99)	(1)	LS
209-05	SEDIMENT REMOVAL	1.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	512.000	L.F.
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	46.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	16.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.500	TON
411-01.10	ACS MIX(PG64-22) GRADING D	214.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	3,222.000	S.Y.
602-10.12	BEARING DEVICE (REPAIR)	(1)	LS
603-02.15	REPAINT EXISTING BEARINGS	(1)	LS
604-03.01	CLASS A CONCRETE (BRIDGES)	3.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	23.000	S.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	2,725.000	S.Y.
604-10.05	CONCRETE	18.000	S.F.
604-10.18	REINFORCING STEEL (REPAIRS)	707.000	LB.
604-10.24	JACKING CONCRETE SPANS	(1)	LS
604-10.41	EXPANSION JOINT REPAIRS (TYPE E)	35.000	L.F.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	25.000	S.Y.

**Contract ID CNX109 - WARREN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.54	CONCRETE REPAIRS	18.000	S.F.
604-10.58	EPOXY INJECTION (INJECTION)	2.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	25.000	L.F.
604-10.90	MISCELLANEOUS BRIDGE ITEMS	(1)	LS
604-10.91	MISCELLANEOUS BRIDGE ITEMS (Description)	(1)	LS
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	2,704.000	S.Y.
620-06	CONCRETE RAILING	39.000	L.F.
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	42.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	322.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	180.000	L.F.
712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	840.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	33.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	116.000	EACH
712-06	SIGNS (CONSTRUCTION)	375.000	S.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	3,728.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	24.000	L.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	16.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	16.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.500	L.M.
717-01	MOBILIZATION	(1)	LS
730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	(1)	LS

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

**Contract ID CNX363 - WHITE**

**Contract ID:** CNX363

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 93945-3477-94

HSIP-9300(44)

**Counties:** WHITE

**District:**

**DBE Goal Percent:** 5.00

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

**Contract Time:** DT - 6/30/2024

Item No.	Description	Quantity	Units
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	2.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	2,025.000	L.F.
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
713-02.20	ROADSIDE OBSTACLE DELINEATION	252.000	S.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	816.000	L.F.
713-02.22	BARRIER WALL DELINEATION ENHANCEMENT	340.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	858.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	3,009.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	347.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	688.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	49.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	830.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	399.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	1.000	EACH
716-04.16	PLASTIC PAVEMENT MARKING (NOISE STRIP)	48.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	50.040	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	1,680.000	L.F.
717-01	MOBILIZATION	(1)	LS

**Contract ID CNX363 - WHITE**

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



**Contract ID CNX295 - WILLIAMSON**

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**Contract ID:** CNX295

**Letting Date:** October 06, 2023 10:00 AM

**Projects:** 94S096-M3-004

n/a

**Counties:** WILLIAMSON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 96 over I-65 (L.M. 13.11).

**Contract Time:** DT - 6/30/2024

Item No.	Description	Quantity	Units
604-03.01	CLASS A CONCRETE (BRIDGES)	88.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	14,336.000	LB.
604-10.05	CONCRETE	60.000	S.F.
604-10.24	JACKING CONCRETE SPANS	(1)	LS
604-10.54	CONCRETE REPAIRS	537.000	S.F.
604-10.83	COMPOSITE FIBER ENCASMENT	1,022.000	S.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	54.000	L.F.
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	655.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	83.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	16.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	83.000	EACH
712-06	SIGNS (CONSTRUCTION)	464.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	8,560.000	L.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	19.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	25.000	EACH

**Contract ID CNX295 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.400	L.M.
717-01	MOBILIZATION	(1)	LS

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

