

## Estimated Quantities -- Letting June 26, 2020

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

**Contract ID CNU261 - ANDERSON**

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**Contract ID:** CNU261

**Letting Date:** June 26, 2020      10:00 AM

**Projects:** 01005-4241-04  
01009-8210-14

N/A  
STP-71(42)

**Counties:** ANDERSON

**District:**

**DBE Goal Percent:** 4.00

**Description:** The resurfacing using either Thin Lift (TL) or Thin Lift D (TLD) on S.R. 61 from near the U.S. 441 (S.R. 71) ramp to the Union County line and on U.S. 441 (S.R. 71) from S.R. 61 to the Norris Dam bridge.

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	21.200	L.M.
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	1,237.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	134.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	9.000	L.M.
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	8.000	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	718.000	S.Y.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	1.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	30.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	15.000	EACH
712-06	SIGNS (CONSTRUCTION)	569.333	S.F.

**Contract ID CNU261 - ANDERSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	700.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	8.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	708.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	76.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	135.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	3.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	2,477.828	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	10.600	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	42.500	L.M.
716-13.03	SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)	10.000	L.F.
717-01	MOBILIZATION	(1)	LS
411-03.07	ACS MIX(PG64-22) THIN LIFT ASPHALT	3,281.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	2,862.000	TON
411-03.07	ACS MIX(PG64-22) THIN LIFT ASPHALT	2,862.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	3,281.000	TON

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

**Contract ID CNU226 - ANDERSON & KNOX**

**Contract ID:** CNU226

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 01024-3223-94  
01024-4223-04  
47043-8213-14

HSIP-170(15)  
HSIP-170(15)  
STP-170(14)

**Counties:** ANDERSON, KNOX

**District:**

**DBE Goal Percent:** 8.50

**Description:** The resurfacing using either Thin Lift (TL) or Thin Lift D (TLD) on S.R. 170 from S.R. 62 (L.M. 0.00) in Anderson County to Heiskell Road (L.M. 2.27) in Knox County.

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	20.400	L.M.
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	1,918.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	176.000	TON
411-03.07	ACS MIX(PG64-22) THIN LIFT ASPHALT	1,643.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	1,643.000	TON
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	13.000	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	4,848.000	S.Y.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	16.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	16.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	142.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	71.000	EACH
712-06	SIGNS (CONSTRUCTION)	844.000	S.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	696.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	696.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	295.000	L.F.

**Contract ID CNU226 - ANDERSON & KNOX**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	66.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	3.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	741.000	L.F.
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	5.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	50.000	S.F.
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	4.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	10.800	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	9.100	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	33.200	L.M.
716-13.03	SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)	1,650.000	L.F.
716-13.05	SPRAY THERMO PVMT MRKNG (60 mil) (6IN DOTTED LINE)	255.000	L.F.
717-01	MOBILIZATION	(1)	LS
411-03.08	ACS MIX(PG70-22) THIN LIFT ASPHALT	7,947.000	TON
411-03.13	ACS MIX(PG70-22) THIN LIFT D ASPHALT	7,947.000	TON

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

**Contract ID CNU230 - BEDFORD**

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**Contract ID:** CNU230

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 02946-3406-94

HSIP-200(38)

**Counties:** BEDFORD

**District:**

**DBE Goal Percent:** 6.00

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

**Contract Time:** DT - 10/31/2020

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	1,122.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	427.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	2,856.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	3,066.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	349.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	804.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	46.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	1,129.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	134.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	50.220	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	3,927.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU271 - BEDFORD**

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**Contract ID:** CNU271

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 02009-3243-94

HSIP-64(25)

**Counties:** BEDFORD

**District:**

**DBE Goal Percent:** 8.50

**Description:** The miscellaneous safety improvements on S.R. 64 from Potts Road (L.M. 23.85) to Clyde Gleaves Road (L.M. 26.10).

**Contract Time:** DT - 10/31/2020

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	7.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	3,455.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL3	1,310.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	7.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
713-02.20	ROADSIDE OBSTACLE DELINEATION	6.000	S.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	258.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	52.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	969.470	LB.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	313.630	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	19.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	55.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	9.000	L.M.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU227 - BRADLEY**

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**Contract ID:** CNU227

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 06009-4250-04

N/A

**Counties:** BRADLEY

**District:**

**DBE Goal Percent:**

**Description:** The construction of small drainage structures on S.R. 60 (L.M. 15.85 and L.M. 15.90).

**Contract Time:** DT - 4/30/2021

Item No.	Description	Quantity	Units
201-01	CLEARING AND GRUBBING	(1)	LS
202-02.21	REMOVAL OF PIPE (DESCRIPTION) (60" CMP)	248.000	L.F.
203-08	CHANNEL EXCAVATION (UNCLASSIFIED)	99.000	C.Y.
204-01	CULVERT EXCAVATION (UNCLASSIFIED)	93.000	C.Y.
204-08	FOUNDATION FILL MATERIAL	27.000	C.Y.
209-09.04	SEDIMENT FILTER BAG(15' X 10')	1.000	EACH
209-65.01	TEMPORARY STREAM DIVERSION (DESCRIPTION) (ALL DRIVEWAYS)	(1)	LS
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	58.400	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	269.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	23.200	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	24.700	TON
411-01.10	ACS MIX(PG64-22) GRADING D	16.300	TON
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	211.160	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	34,236.000	LB.
709-05.08	MACHINED RIP-RAP (CLASS B)	98.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	63.000	EACH
712-06	SIGNS (CONSTRUCTION)	100.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	46.000	L.F.

**Contract ID CNU227 - BRADLEY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	3.000	EACH
717-01	MOBILIZATION	(1)	LS
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	1,252.000	L.F.
801-01	SEEDING (WITH MULCH)	3.000	UNIT
803-01	SODDING (NEW SOD)	256.000	S.Y.

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



**Contract ID CNU057 - CAMPBELL**

**Contract ID:** CNU057

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 07008-3235-64

APD-63(54)

**Counties:** CAMPBELL

**District:**

**DBE Goal Percent:** 9.00

**Description:** The grading, drainage and paving on S.R. 63 from near Myers Lane (L.M. 8.18) to Frontier Road/Woodson Lane (L.M. 13.10), including signals.

**Contract Time:** DT - 5/31/2023

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	4,520.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	226,358.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	837.000	TON
203-04	PLACING AND SPREADING TOPSOIL	38,554.000	C.Y.
203-07	FURNISHING & SPREADING TOPSOIL	618.000	C.Y.
204-08	FOUNDATION FILL MATERIAL	36.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	8.000	C.Y.
209-02.07	18" TEMPORARY SLOPE DRAIN	2,437.000	L.F.
209-05	SEDIMENT REMOVAL	2,240.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	1,264.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	37,686.000	L.F.
209-08.07	ROCK CHECK DAM PER	90.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	70.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	22.000	EACH
209-40.30	CATCH BASIN PROTECTION (TYPE A)	9.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	148,314.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	1,509.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	821.000	TON

**Contract ID CNU057 - CAMPBELL**

<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	766.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	1,932.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	21,910.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	10,765.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	261.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	142.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	5,229.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	1,229.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	19,704.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	10.000	L.M.
604-01.01	CLASS A CONCRETE (ROADWAY)	99.000	C.Y.
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	353.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	67,895.000	LB.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	160.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	24.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	21.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	25.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	55.000	L.F.
607-10.02	54" CONCRETE PIPE CULVERT (CLASS III)	45.000	L.F.
607-37.01	15" CORRUGATED METAL PIPE CULVERT	15.000	L.F.
607-37.02	18" CORRUGATED METAL PIPE CULVERT	2,191.000	L.F.
607-37.03	24" CORRUGATED METAL PIPE CULVERT	298.000	L.F.
607-37.04	30" CORRUGATED METAL PIPE CULVERT	47.000	L.F.
607-37.05	36" CORRUGATED METAL PIPE CULVERT	95.000	L.F.
607-37.09	60" CORRUGATED METAL PIPE CULVERT	30.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	25.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	1,141.000	LB.

**Contract ID CNU057 - CAMPBELL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.31	18IN ENDWALL (SIDE DRAIN)	81.000	EACH
611-07.32	24IN ENDWALL (SIDE DRAIN)	6.000	EACH
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	1.000	EACH
611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	1.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL3	11,173.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL3	24.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL3	36.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	29.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL2	14.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	3,500.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	500.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	4,078.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-01.51	PORTABLE BARRIER RAIL DELINEATOR (DOUBLE)	28.000	EACH
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	280.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	1,200.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	600.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,320.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	94.000	S.F.
713-14.22	STREET NAME SIGN (SUSPENDED 0.100IN THICK)	134.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	10.000	EACH
713-16.20	SIGNS (DESCRIPTION) (R1-1)	18.000	EACH
716-01.05	TEMPORARY RAISED PAVEMENT MARKER	5,080.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	650.000	EACH

**Contract ID CNU057 - CAMPBELL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	650.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	33.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	507.000	L.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	10.000	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	199,700.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	25.000	L.M.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	3.000	L.M.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.08	SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED)	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	13.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	9.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)	1.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (140A1 WITH BACKPLATE)	1.000	EACH
730-03.20	INSTALL PULL BOX (TYPE A)	18.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	15.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	3.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	224.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	2,573.000	L.F.
730-09.20	SPAN WIRE ASSEMBLY	1,034.000	L.F.
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	1,034.000	L.F.
730-12.01	CONDUIT 1" DIAMETER (PVC)	2,832.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	714.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	424.000	L.F.
730-13.03	VEHICLE DETECTOR (4 - CHANNEL, RACK MOUNT)	8.000	EACH
730-14.01	SHIELDED DETECTOR CABLE	7,963.000	L.F.
730-14.02	SAW SLOT	4,135.000	L.F.

**Contract ID CNU057 - CAMPBELL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-14.03	LOOP WIRE	11,882.000	L.F.
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	3.000	EACH
730-16.04	CONTROLLER (ATC)	3.000	EACH
730-23.01	STEEL STRAIN POLE (SIGNAL SUPPORT)	8.000	EACH
730-23.36	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 50' )	1.000	EACH
730-23.37	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 70' )	1.000	EACH
730-23.38	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 75' )	1.000	EACH
730-23.39	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 88' )	1.000	EACH
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	9,999.000	S.Y.
801-01	SEEDING (WITH MULCH)	1,016.000	UNIT
801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	1,016.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	1,016.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	2,033.000	UNIT
801-03	WATER (SEEDING & SODDING)	305.000	M.G.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	268,439.000	S.Y.
790-01.04	POLE 30FT CLASS 5 WOOD	4.000	EACH
790-03.02	POLE 40FT CLASS 3 WOOD	1.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	2.000	EACH
790-03.06	POLE 40FT CLASS 2 METAL	1.000	EACH
790-04.02	POLE 45FT CLASS 2 WOOD	1.000	EACH
790-04.03	POLE 45FT CLASS 3 WOOD	5.000	EACH
790-04.06	POLE 45FT CLASS 1 METAL	2.000	EACH
790-05.01	POLE 50FT CLASS 1 WOOD	1.000	EACH
790-05.02	POLE 50FT CLASS 2 WOOD	6.000	EACH
790-05.05	POLE 50FT CLASS 1 METAL	1.000	EACH
790-05.08	POLE 50FT CLASS H2 METAL	1.000	EACH
790-06.01	POLE 55FT CLASS 1 WOOD	4.000	EACH

**Contract ID CNU057 - CAMPBELL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-06.02	POLE 55FT CLASS 2 WOOD	1.000	EACH
790-07.01	POLE 60FT CLASS 1 WOOD	1.000	EACH
790-07.05	POLE 60FT CLASS 1 METAL	5.000	EACH
790-07.07	POLE 60FT CLASS H1 METAL	10.000	EACH
790-07.08	POLE 60FT CLASS H2 METAL	3.000	EACH
790-08.14	POLE 65FT CLASS H1 METAL	2.000	EACH
790-09.05	POLE 70FT CLASS H2 METAL	1.000	EACH
790-21.04	1PH SGL SUPPORT 15KV	2.000	EACH
790-21.08	1PH DEADEND 15KV	1.000	EACH
790-21.09	1PH PRIMARY TAP 15KV	9.000	EACH
790-21.12	1PH CROSSARM DDE 15KV	1.000	EACH
790-23.07	2PH CROSSARM CONST DEADEND (SGL) 15KV	2.000	EACH
790-23.08	2PH CROSSARM CONST DEADEND (DBL) 15KV	1.000	EACH
790-25.06	3PH CROSSARM DBL 15KV	2.000	EACH
790-25.07	3PH CROSSARM DBL LRG COND 15KV	9.000	EACH
790-25.11	3PH CROSSARM DBL PRIM SUP LRG COND 15KV	10.000	EACH
790-25.21	3PH CROSSARM DEADEND SGL 15KV	11.000	EACH
790-25.24	3PH CROSSARM DDE LRG COND 15KV	8.000	EACH
790-25.30	3PH CROSSARM DBL 10FT LRG COND 15KV	22.000	EACH
790-30.06	SECONDARY CONDUCTOR 6 AL DUPLEX	373.000	L.F.
790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	278.000	L.F.
790-31.02	SERVICE ASSEMBLY-POLE TYPE	17.000	EACH
790-32.01	DOWN GUY - THROUGH BOLT TYPE	44.000	EACH
790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	18.000	EACH
790-32.08	OH GUY - THROUGH BOLT TYPE HEAVY DUTY	14.000	EACH
790-32.23	GUY GUARD	37.000	EACH
790-33.31	SCREW TYPE ANCHOR 23,000LB (F1-5D-P)	32.000	EACH
790-33.32	SCREW TYPE ANCHOR 36,000LB (F1-6T-P)	6.000	EACH
790-36.02	TRANSFER CAPACITOR BANK	1.000	EACH
790-36.07	TRANSFER 3-PHASE ASSEMBLY	4.000	EACH

**Contract ID CNU057 - CAMPBELL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-36.10	TRANSFER - LIGHT ASSEMBLY	9.000	EACH
790-36.14	TRANSFER CONDUCTOR	13.000	EACH
790-40.02	OH COND 2 7/1 ACSR SPARATE	6,527.000	L.F.
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	1,317.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	5,401.000	L.F.
790-40.42	OH COND 336.4 19 AAC TULIP	16,068.000	L.F.
790-40.49	OH COND 795 37 AAC ARBUTUS	8,565.000	L.F.
790-46.02	1PH TRANSFORMER CONV W/POLE MTD FUSE & LA	9.000	EACH
790-49.02	3PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	1.000	EACH
790-58.06	GOAB SWITCH 15KV	2.000	EACH
790-60.01	1PH FUSE CUTOUT XARM MOUNT 15KV	20.000	EACH
790-68.01	POLE GROUND ROD TYPE	12.000	EACH
790-68.02	POLE GROUND PLATE TYPE	13.000	EACH
790-68.07	POLE GROUND FOR AIR BREAK SWITCH	2.000	EACH
790-68.13	SGL PHASE MOUNTING BRACKET - FIBERGLASS	1.000	EACH
790-69.11	GROUND-GROUND ROD FOR ST POLE	24.000	EACH
790-69.22	POLE TOP PIN	40.000	EACH
790-69.41	EXTENSION LINK - EPOXY -8FT	13.000	EACH
790-71.29	MED VERT ANG 69KV MAX	1.000	EACH
790-72.07	GUY FACTORY FORMED WITH THIMBLE CLEVIS	3.000	EACH
790-98.01	REMOVE WIRE	11,329.000	L.F.
790-98.02	REMOVE POLES	27.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	247.000	EACH
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
793-01.08	POLE 35FT CLASS 5 WOOD	37.000	EACH
793-01.12	POLE 40FT CLASS 4 WOOD	8.000	EACH
793-01.17	POLE 45FT CLASS 3 WOOD	6.000	EACH
793-01.42	ANCHOR 1 1/4IN	110.000	EACH
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	1,935.000	L.F.
793-14.14	MULTI DUCT	885.000	L.F.

**Contract ID CNU057 - CAMPBELL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-98.04	REMOVE POLES ALL SIZES	14.000	EACH
795-01.02	4IN DIP SLIP JOINT WATER LINE	288.000	L.F.
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	25.000	L.F.
795-01.04	6IN DIP SLIP JOINT WATER LINE	789.000	L.F.
795-01.10	12IN DIP SLIP JOINT WATER LINE	3,996.000	L.F.
795-02.04	6IN HDPE WATER LINE	500.000	L.F.
795-03.02	2IN PVC WATER LINE	150.000	L.F.
795-05.06	HDD 12IN HDPE CASING PIPE-UNCON	525.000	L.F.
795-06.01	CONNECT TO 2IN WATER LINE	3.000	EACH
795-06.03	CONNECT TO 4IN WATER LINE	4.000	EACH
795-06.04	CONNECT TO 6IN WATER LINE	12.000	EACH
795-06.31	CUT AND CAP 2IN WATER LINE	3.000	EACH
795-06.32	CUT AND CAP 4IN WATER LINE	4.000	EACH
795-06.33	CUT AND CAP 6IN WATER LINE	12.000	EACH
795-08.01	2IN GATE VALVE ASSEMBLY	1.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	9.000	EACH
795-08.09	12IN GATE VALVE ASSEMBLY	4.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	14.000	EACH
795-09.19	3/4IN PVC SERVICE PIPE	65.000	L.F.
795-09.28	3/4IN COPPER SERVICE PIPE	360.000	L.F.
795-10.05	2IN AUTO AIR RELEASE VALVE ASSEMBLY	4.000	EACH
795-11.04	RELOCATE FIRE HYDRANT	2.000	EACH
795-13.01	DI FITTINGS	4,100.000	LB.
795-14.08	RESTORE ASPHALT	38.000	S.Y.
795-14.09	RESTORE CONCRETE	4.000	S.Y.
797-02.04	2IN HDPE FORCE MAIN	120.000	L.F.
797-02.07	6IN HDPE FORCE MAIN	335.000	L.F.
797-03.04	2IN PVC FORCE MAIN	310.000	L.F.
797-03.08	6IN PVC FORCE MAIN	3,097.000	L.F.
797-05.01	8IN DIP GRAVITY SEWER 0FT-6FT DEPTH	110.000	L.F.



**Contract ID CNU057 - CAMPBELL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
797-05.02	8IN DIP GRAVITY SEWER 6FT-12FT DEPTH	255.000	L.F.
797-06.03	HDD 6IN HDPE CARRIER PIPE-UNCON	140.000	L.F.
797-07.03	48IN MANHOLE 6FT-8FT DEPTH	1.000	EACH
797-07.04	48IN MANHOLE 8FT-10FT DEPTH	1.000	EACH
797-08.04	4IN PVC PIPE FOR SERVICE LATERAL	30.000	L.F.
797-08.07	4IN CLEAN OUT ASSEMBLY	3.000	EACH
797-09.01	1IN BALL VALVE	1.000	EACH
797-09.04	2IN PVC BALL VALVE	4.000	EACH
797-09.07	6IN PLUG VALVE ASSEMBLY	4.000	EACH
797-09.20	2IN COMBO AIR RELEASE VALVE ASSEMBLY	4.000	EACH
797-09.41	CUT AND CAP 2IN FORCE MAIN	4.000	EACH
797-09.44	CUT AND CAP 8IN GRAVITY	2.000	EACH
797-09.46	CUT AND CAP 6IN FORCE MAIN	8.000	EACH
797-10.01	CONNECT 6IN SEWER TO EXIST. MANHOLE	1.000	EACH
797-10.02	CONNECT 8IN SEWER TO EXIST. MANHOLE	1.000	EACH
797-10.05	CONNECT 4IN LATERAL TO SEWER LINE	3.000	EACH
797-10.14	CONNECT TO 2IN FORCE MAIN	5.000	EACH
797-10.17	CONNECT TO 6IN FORCE MAIN	9.000	EACH
797-10.26	CONNECT PUMP STATION TO FORCE MAIN	2.000	EACH
797-10.31	RESIDENTIAL GRINDER PUMP STATION	1.000	EACH
797-11.25	RETIREIN PLACE 48IN MANHOLE	1.000	EACH
797-11.40	RESTORE ASPHALT	28.000	S.Y.
797-11.41	RESTORE CONCRETE	4.000	S.Y.

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

**Contract ID CNU262 - CARTER**

**Contract ID:** CNU262

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 10007-3238-94  
10007-4238-04

HSIP-67(35)  
HSIP-67(35)

**Counties:** CARTER

**District:**

**DBE Goal Percent:** 7.00

**Description:** The resurfacing using either Thin Lift (TL) or Thin Lift D (TLD) on U.S. 321 (S.R. 67) from near U.S. 19E (S.R. 37) (L.M. 7.45) to near the Watauga River bridge (L.M. 17.61).

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	21.000	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	150.000	TON
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	1,485.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	126.000	TON
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	16.000	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	1,000.000	S.Y.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	3.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	3.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	3.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	350.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	175.000	EACH
712-06	SIGNS (CONSTRUCTION)	714.000	S.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	671.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	8.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	671.000	EACH

**Contract ID CNU262 - CARTER**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	610.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	24.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	9.000	EACH
716-03.04	PLASTIC WORD PAVEMENT MARKING (SCHOOL)	2.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	11,706.000	L.F.
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	3.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	41.000	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	41.000	L.M.
717-01	MOBILIZATION	(1)	LS
411-03.07	ACS MIX(PG64-22) THIN LIFT ASPHALT	8,220.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	8,220.000	TON

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

**Contract ID CNU203 - CARTER**

**Contract ID:** CNU203

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 10951-3567-94

STP-M-9103(17)

**Counties:** CARTER

**District:**

**DBE Goal Percent:** 8.00

**Description:** The repair of the bridge on Elk Avenue over the Doe River (L.M. 0.11).

**Contract Time:** DT - 4/30/2021

Item No.	Description	Quantity	Units
204-10.01	FOUNDATION PREPARATION(PR NO. ,STA ) (PIER NO. 2)	(1)	LS
407-20.05	SAW CUTTING ASPHALT PAVEMENT	226.000	L.F.
411-01.10	ACS MIX(PG64-22) GRADING D	76.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	1,142.000	S.Y.
603-05.20	CONTAINMENT & DISPOSAL OF WASTE(LOCATION & DESCRP) (WASTEWATER FROM PRESSURE WASHING)	(1)	LS
604-03.01	CLASS A CONCRETE (BRIDGES)	3.000	C.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	3,910.000	S.Y.
604-10.05	CONCRETE	120.000	S.F.
604-10.11	CONCRETE SLAB REPAIRS	31.000	S.Y.
604-10.17	NON-PENETRATING CONCRETE SEAL	606.000	S.Y.
604-10.22	CONCRETE PARAPET REPAIR	63.000	L.F.
604-10.34	CONCRETE OVERLAYED BRIDGE DECK REPAIR (FULL DEPTH)	24.000	S.Y.
604-10.54	CONCRETE REPAIRS	120.000	S.F.
604-10.56	CONCRETE OVERLAYED BRIDGE DECK REPAIR (PARTIAL DEPTH)	20.000	S.Y.
604-10.58	EPOXY INJECTION (INJECTION)	32.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	1,140.000	L.F.
604-10.63	CONCRETE REPAIRS (CRACKS)	95.000	L.F.

**Contract ID CNU203 - CARTER**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
612-05	RUSTIC STONE MASONRY	1.000	S.F.
617-02	BRIDGE DECK CRACK SEALING	1,160.000	L.F.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	1,405.000	S.Y.
617-05	SEALANT (DESCRIPTION) (HMWM)	17.000	GAL.
620-09	REMOVAL & REPLACEMENT OF EXISTING BRIDGE RAIL	74.000	L.F.
707-11.01	PEDESTRIAN CONSTRUCTION BARRIER FENCE	280.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	50.000	EACH
712-06	SIGNS (CONSTRUCTION)	188.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	86.000	L.F.
712-09.01	REMOVABLE PAVEMENT MARKING LINE	1,510.000	L.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	1,660.000	L.F.
712-09.05	REMOVABLE PAVEMENT MARKING (ARROW)	2.000	EACH
713-02.33	FLEXIBLE DELINEATOR (RED)	17.000	EACH
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	1.000	EACH
714-01	STRUCTURAL LIGHTING	(1)	LS
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	141.000	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	47.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	96.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	0.100	L.M.
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	795.000	L.F.
716-05.52	PAINTED PAVEMENT MARKING(AREA)	300.000	S.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.300	L.M.
717-01	MOBILIZATION	(1)	LS
920-10.04	(DESCRIPTION) (DECORATIVE CONCRETE SPINDLE)	23.000	EACH

**Contract ID CNU203 - CARTER**

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

**Contract ID CNU228 - CLAIBORNE**

**Contract ID:** CNU228

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 13005-8235-14

STP-63(68)

**Counties:** CLAIBORNE

**District:**

**DBE Goal Percent:** 7.00

**Description:** The resurfacing using either Thin Lift (TL) or Thin Lift D (TLD) on S.R. 63 from near Murphey Lane (L.M. 30.10) to the Hancock County line (L.M. 38.65).

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	18.000	L.M.
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	1,133.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	93.000	TON
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	14.000	L.M.
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
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	524.000	S.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	565.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	565.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	9.000	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	35.000	L.M.
717-01	MOBILIZATION	(1)	LS
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	6,059.000	TON
411-03.07	ACS MIX(PG64-22) THIN LIFT ASPHALT	6,059.000	TON

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

**Contract ID CNU229 - COCKE**

**Contract ID:** CNU229

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 15005-3265-94  
15005-4265-04

HSIP-32(99)  
HSIP-32(99)

**Counties:** COCKE

**District:**

**DBE Goal Percent:** 11.00

**Description:** The resurfacing on U.S. 321 (S.R. 32) from near the Walmart entrance (L.M. 23.10) to U.S. 25 (U.S. 70, S.R. 9) (L.M. 25.04).

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	4.440	L.M.
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	32.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	139.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	4,726.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	0.400	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	4,850.000	TON
701-02.01	CONCRETE CURB RAMP (RETROFIT)	2,525.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	306.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	153.000	EACH
712-06	SIGNS (CONSTRUCTION)	677.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	631.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	43.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	3.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	2.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	19.100	L.M.



**Contract ID CNU229 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	9.600	L.M.
717-01	MOBILIZATION	(1)	LS
730-14.02	SAW SLOT	11,000.000	L.F.
730-14.03	LOOP WIRE	22,000.000	L.F.

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

**Contract ID CNU231 - CROCKETT**

**Contract ID:** CNU231

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 17001-3227-94

HSIP-20(74)

**Counties:** CROCKETT

**District:**

**DBE Goal Percent:** 8.00

**Description:** The miscellaneous safety improvements on U.S. 412 (S.R. 20) from near the S.R. 54 ramp (L.M. 10.40) to Old S.R. 20 (South Cavalier Drive) (L.M. 12.80).

**Contract Time:** DT - 10/31/2020

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	1,055.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	204.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	371.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,266.000	LB.
713-11.21	P POST SLIP BASE	2.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	21.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	392.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	49.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	480.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	480.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	52.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	15.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	548.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	11.200	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	2,233.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.200	L.M.

**Contract ID CNU231 - CROCKETT**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU232 - DAVIDSON**

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**Contract ID:** CNU232

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 19010-4170-04  
19010-4171-04

NH-I-24-1(126)  
NH-I-24-1(127)

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:** 10.00

**Description:** The installation of an overhead sign structure on I-24 WB at L.M. 14.3 (Exit 47) and at L.M. 14.5.

**Contract Time:** DT - 1/31/2021

Item No.	Description	Quantity	Units
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-01.03	LANE CLOSURE(NIGHT WORK)	16.000	EACH
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	780.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	240.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	25.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	160.000	HOUR
713-09.20	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 79'+/-)	1.000	EACH
713-09.21	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 70' +/-)	1.000	EACH
713-14	EXTRUDED ALUMINUM PANEL SIGNS	872.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	2.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	4.000	EACH
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU267 - DICKSON**

**Contract ID:** CNU267

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 22010-3221-94  
22010-8221-14

STP/HSIP-49(55)  
STP/HSIP-49(55)

**Counties:** DICKSON

**District:**

**DBE Goal Percent:** 6.00

**Description:** The resurfacing on S.R. 49 from Timber Ridge Road (L.M. 21.73) to the Cheatham County line (L.M. 28.53).

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	13.600	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,800.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	500.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	51.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	4,705.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (8IN WIDTH)	10.900	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	4,162.000	TON
705-06.01	W BEAM GR (TYPE 2) MASH TL3	50.000	L.F.
705-06.11	GR TERMINAL (IN-INLINE) MASH TL3	2.000	EACH
706-06.03	RADIUS RAIL	25.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	50.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,636.000	S.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	449.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	27.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	27.000	L.M.
717-01	MOBILIZATION	(1)	LS

**Contract ID CNU267 - DICKSON**

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

**Contract ID CNU263 - DYER , LAKE, ETC.**

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**Contract ID:** CNU263

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 23011-3243-94 HSIP-78(25)  
 23011-4243-04 HSIP-78(25)  
 66014-3209-94 HSIP-78(26)  
 66014-4209-04 HSIP-78(26)  
 66014-4210-04 HSIP-78(26)

**Counties:** DYER, LAKE, OBION

**District:** **DBE Goal Percent:** 6.00

**Description:** The resurfacing on S.R. 78 from S.R. 103 (L.M. 9.52) in Dyer County, through Obion County to south of S.R. 79 in Lake County (L.M. 0.35).

**Contract Time:** DT - 11/30/2020

Item No.	Description	Quantity	Units
202-03.01	REMOVAL OF ASPHALT PAVEMENT	450.000	S.Y.
203-06	WATER	13.000	M.G.
208-01.05	BROOMING & DEGRASSING SHOULDERS	9.792	L.M.
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D)	1,719.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	207.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	1,404.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	46.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	6,976.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	2.129	L.M.
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	5.704	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	7,221.000	TON
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	5.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	4.000	EACH

**Contract ID CNU263 - DYER , LAKE, ETC.**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	5.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	1,521.000	S.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	353.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	68.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	174.000	L.F.
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	6,924.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	12.693	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.913	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	10.840	L.M.
717-01	MOBILIZATION	(1)	LS
604-10.53	CONCRETE REPAIRS	10.000	S.Y.
604-10.56	CONCRETE OVERLAYED BRIDGE DECK REPAIR (PARTIAL DEPTH)	5.000	S.Y.

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



**Contract ID CNU233 - FAYETTE**

**Contract ID:** CNU233

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 24006-3250-94

HSIP-57(76)

**Counties:** FAYETTE

**District:**

**DBE Goal Percent:** 5.00

**Description:** The miscellaneous safety improvements on S.R. 57 from Bethlehem Road (L.M. 10.90) to Somerville Street (L.M. 14.03).

**Contract Time:** DT - 5/31/2021

Item No.	Description	Quantity	Units
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	6.260	L.M.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	4.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	272.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	4.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	4.000	EACH
706-01	GUARDRAIL REMOVED	260.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.14	FLEXIBLE DELINEATOR (WHITE)	91.000	EACH
713-02.21	SIGN POST DELINEATION ENHANCEMENT	108.000	L.F.
713-02.22	BARRIER WALL DELINEATION ENHANCEMENT	2,950.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	136.500	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,455.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	55.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	267.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	27.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	207.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	38.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	189.000	L.F.

**Contract ID CNU233 - FAYETTE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	7.000	S.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	12.300	L.M.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.800	L.M.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU011 - HAMILTON**

**Contract ID:** CNU011

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 33002-3169-44

NH-I-24-3(90)

**Counties:** HAMILTON

**District:**

**DBE Goal Percent:** 12.00

**Description:** The grading, drainage, bridges, retaining walls and paving on I-24 at the interchanges of U.S. 11 (U.S. 41, U.S. 72, S.R. 2, Broad Street) and S.R. 58 (Market Street) in Chattanooga, including signals and lighting.

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	4,960.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01.57	REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (CB, MH & WINGWALL)	(1)	LS
202-01.58	REMOVAL OF STRUCTURES & OBSTRUCTIONS (DESCRIPTION) (PIPES)	(1)	LS
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	8,306.000	S.Y.
202-03.01	REMOVAL OF ASPHALT PAVEMENT	4,738.000	S.Y.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	43,874.000	C.Y.
203-01.60	ROAD & DRAINAGE EXCAVATION (DESCRIPTION) (FOUNDRY SAND)	22,632.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	8,300.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	93,343.000	C.Y.
203-06	WATER	1,245.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	7,514.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	54.000	C.Y.
209-02.05	12" TEMPORARY SLOPE DRAIN	1,681.000	L.F.
209-05	SEDIMENT REMOVAL	1,038.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	2,088.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	19,744.000	L.F.

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-08.07	ROCK CHECK DAM PER	41.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	20.000	EACH
209-09.01	SANDBAGS	12.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	4.000	EACH
209-09.41	CURB INLET PROTECTION (TYPE 2)	108.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	50.000	S.Y.
209-40.30	CATCH BASIN PROTECTION (TYPE A)	13.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	43.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	7.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	3.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	68.000	EACH
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	4.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	26,760.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	57.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	139.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	1,342.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	2,336.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	1,414.000	TON
313-03	TREATED PERMEABLE BASE	30,024.000	S.Y.
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	60.030	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	215.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	30.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	5,210.000	L.F.
411-02.10	ACS MIX(PG70-22) GRADING D	3,569.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	1.000	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	3,656.000	TON
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	28,774.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	780.000	L.F.

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-07.01	RETAINING WALL (DESCRIPTION) (WALL 1)	1,463.000	S.F.
604-07.02	RETAINING WALL (DESCRIPTION) (WALL 2)	1,225.000	S.F.
604-07.03	RETAINING WALL (DESCRIPTION) (WALL 2A)	442.000	S.F.
604-07.04	RETAINING WALL (DESCRIPTION) (WALL 2B)	5,450.000	S.F.
604-07.05	RETAINING WALL (DESCRIPTION) (WALL 3)	5,732.000	S.F.
604-07.06	RETAINING WALL (DESCRIPTION) (WALL 4)	1,143.000	S.F.
604-07.07	RETAINING WALL (DESCRIPTION) (WALL 5)	106.000	S.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	4,940.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	1,220.000	L.F.
607-05.05	24" CONCRETE PIPE CULVERT(CLASS IV)JACKED- IN-PLACE	586.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	662.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	22.000	L.F.
610-07.03	18" PIPE DRAIN (BRIDGE DRAIN)	40.000	L.F.
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	3.000	EACH
611-02.10	JUNCTION BOX, TYPE 1	3.000	EACH
611-02.11	JUNCTION BOX, TYPE 2	2.000	EACH
611-05.01	TRENCH DRAINS	103.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	15.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	663.000	LB.
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	3.000	EACH
611-09.03	CAPPING EXISTING CATCHBASIN	9.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	20.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	25.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	4.000	EACH
611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	1.000	EACH
611-41.01	CATCH BASINS, TYPE 41, 0' - 4' DEPTH	9.000	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	4.000	EACH

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-42.04	CATCH BASINS, TYPE 42, > 12' - 16' DEPTH	1.000	EACH
611-45.02	CATCH BASINS, TYPE 45, > 4' - 8' DEPTH	1.000	EACH
701-01.01	CONCRETE SIDEWALK (4 ")	36,936.000	S.F.
701-02.03	CONCRETE CURB RAMP	3,876.000	S.F.
701-03	CONCRETE MEDIAN PAVEMENT	138.000	C.Y.
702-01	CONCRETE CURB	16.000	C.Y.
702-03	CONCRETE COMBINED CURB & GUTTER	535.000	C.Y.
703-01	PORTLAND CEMENT CONCRETE DITCH PAVING	33.000	C.Y.
705-06.01	W BEAM GR (TYPE 2) MASH TL3	3,863.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL3	5.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	7.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	6.000	EACH
705-08.13	PERMANENT IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
705-20.25	TEMPORARY CRASH CUSHION (MASH TL-3)	20.000	EACH
706-01	GUARDRAIL REMOVED	4,483.000	L.F.
706-10.80	MICHIGAN AND MODIFIED MICHIGAN END SHOE	5.000	EACH
707-01.11	CHAIN LINK FENCE (6 FOOT)	5,748.000	L.F.
707-01.12	END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE 6')	44.000	EACH
707-01.13	GATE - CHAIN-LINK FENCE-6 FOOT (DESCRIPTION) (6 FT WIDTH)	2.000	EACH
707-01.14	GATE - CHAIN-LINK FENCE-6 FOOT (DESCRIPTION) (12 FT WIDTH)	4.000	EACH
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (6' CHAIN LINK)	7,291.000	L.F.
707-06.02	REMOVAL OF GATE (DESCRIPTION) (CHAIN LINK FENCE 6')	6.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	2,000.000	L.F.
707-11.01	PEDESTRIAN CONSTRUCTION BARRIER FENCE	345.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	13.000	EACH
709-01.01	RUBBLE STONE RIP-RAP	3.000	C.Y.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	778.000	TON

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
709-05.06	MACHINED RIP-RAP (CLASS A-1)	459.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	343.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	10,053.000	L.F.
710-05	LATERAL UNDERDRAIN	1,100.000	L.F.
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	15.000	EACH
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	3.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	17.000	EACH
711-05.70	32IN SINGLE SLOPE CONCRETE BARRIER WALL	3,962.000	L.F.
711-05.71	51IN SINGLE SLOPE CONCRETE BARRIER WALL	210.000	L.F.
711-05.72	SINGLE SLOPE HALF CONCRETE BARRIER WALL	1,301.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	15,545.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	100.000	EACH
712-04.10	TEMPORARY FLEXIBLE TUBULAR DELINEATOR	32.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	18.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,573.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	727.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	8.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	3,000.000	HOUR
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	1,075.000	L.F.
712-09.03	REMOVABLE PAVEMENT MARKING(CHANNELIZING STRIPING)	16.000	S.Y.
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	4,190.000	L.F.
712-12.10	TEMPORARY CURB W/FLEXIBLE DELINEATOR	4,550.000	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)	902.000	LB.
713-02.26	CONCRETE BARRIER/PARAPET DELINEATOR	120.000	EACH
713-02.40	MEDIAN BARRIER MILEPOST	3.000	EACH

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	2,226.000	LB.
713-09.01	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 60'-0")	1.000	EACH
713-09.02	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 58'-6")	1.000	EACH
713-09.03	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 77'-1")	1.000	EACH
713-09.04	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 78'-10")	1.000	EACH
713-09.05	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 98'-6")	1.000	EACH
713-09.06	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 70'-1")	1.000	EACH
713-09.07	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 46'-0")	1.000	EACH
713-09.08	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 46'-0")	1.000	EACH
713-09.09	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 75'-9")	1.000	EACH
713-09.10	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 66'-10")	1.000	EACH
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	4,478.000	LB.
713-11.21	P POST SLIP BASE	11.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	233.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	434.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	4,051.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.35	METAL BARRICADE (TYPE III)	2.000	EACH
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	8.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	8.000	EACH
713-16.07	END OF ROADWAY SIGN AND SUPPORT	2.000	EACH
713-17.02	INSTALL AUXILIARY SUPPORT FOR EXIT NUMBER PANEL	14.000	EACH
714-01	STRUCTURAL LIGHTING	(1)	LS



**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
714-01.65	EXTERIOR LIGHTING COMPLETE (_____) (REMOVE & REINSTALL TENNESSEE RIVERWALK LIGHTING)	(1)	LS
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	6,961.000	L.F.
714-03.03	DIRECT BURIAL CONDUIT (DESCRIPTION) (2" PVC, SCHEDULE 80)	1,272.000	L.F.
714-04.02	CONDUIT (STRUCTURES - 2" RGS)	140.000	L.F.
714-04.03	CONDUIT (DESCRIPTION) (2" PVC, JACKED OR BORED)	1,007.000	L.F.
714-05.03	PULL BOXES (TYPE B)	52.000	EACH
714-05.05	PULL BOXES (DESCRIPTION) (ATTACHED TO BRIDGE)	2.000	EACH
714-05.45	REMOVE & RELOCATE UTILITY POLE	(1)	LS
714-06.05	CABLE (1/C # 6 AWG)	3,268.000	L.F.
714-06.06	CABLE (1/C # 4 AWG)	15,254.000	L.F.
714-06.07	CABLE (1/C # 2 AWG)	5,450.000	L.F.
714-06.08	CABLE (DESCRIPTION) (#4 AWG GROUND WIRE INSULATED SOLID COPPER)	4,920.000	L.F.
714-06.09	CABLE (DESCRIPTION) (#6 AWG GROUND WIRE INSULATED SOLID COPPER)	9,580.000	L.F.
714-08.06	LIGHT STANDARDS (STEEL)	19.000	EACH
714-08.09	LIGHT STANDARDS (DESCRIPTION) (HIGH-MAST, 100 FT)	3.000	EACH
714-08.10	LIGHT STANDARDS (DESCRIPTION) (STEEL LIGHTING POLE BRIDGE MOUNTED)	1.000	EACH
714-08.11	LIGHT STANDARDS (DESCRIPTION) (STEEL LIGHTING POLE WALL MOUNTED)	3.000	EACH
714-08.20	FOUNDATION (ONLY) FOR LIGHT STANDARD	19.000	EACH
714-08.34	REMOVAL OF LIGHT STANDARD	20.000	EACH
714-08.46	FOUNDATION (ONLY) FOR HIGH MAST LIGHT STANDARD	3.000	EACH
714-09.09	LUMINAIRES (DESCRIPTION) (210 WATT LED)	24.000	EACH
714-09.10	LUMINAIRES (DESCRIPTION) (252 WATT LED - HIGH MAST)	24.000	EACH
714-09.11	LUMINAIRES (DESCRIPTION) (376 WATT LED)	5.000	EACH

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
714-09.12	LUMINAIRES (DESCRIPTION) (39 WATT LED - UNDERPASS)	4.000	EACH
714-12.01	CONTROL CENTER (NO. 1)	(1)	LS
714-12.02	CONTROL CENTER (NO. 2)	(1)	LS
714-25	ELECTRICAL CONNECTION	2.000	EACH
716-01.06	TEMPORARY RAISED PAVEMENT MARKER,WHITE	1,337.000	EACH
716-01.07	TEMPORARY RAISED PAVEMENT MARKER,YELLOW	612.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	21.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	88.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	407.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	877.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	104.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	453.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	31.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	408.000	L.F.
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	2,763.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	14.000	EACH
716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	12.000	EACH
716-04.15	PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED	1.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	45,044.000	L.F.
716-05.04	PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	57.000	S.Y.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	236.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	3.000	L.M.
716-05.22	PAINTED PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	76.000	L.F.
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	41,460.000	L.F.

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	309.000	S.Y.
716-08.32	HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (LINE)	32,180.000	L.F.
716-08.34	HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (CHANNELIZATION)	410.000	S.Y.
716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	0.250	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	8.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	4,437.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	2,330.000	L.F.
717-01	MOBILIZATION	(1)	LS
725-20.43	PULL BOX (TYPE C)	2.000	EACH
725-20.44	PULL BOX (TYPE D)	24.000	EACH
725-20.45	PULL BOX (TYPE E)	8.000	EACH
725-20.54	CABLE (1/C #8 AWG.)	102.000	L.F.
725-20.56	CABLE (1/C #4 AWG.)	120.000	L.F.
725-20.71	ELECTRICAL CONNECTION	(1)	LS
725-20.96	CCTV CAMERA SYSTEM REMOVE AND RELOCATE	1.000	EACH
725-21.43	DEMARCATON SITE (OVERHEAD POWER)	1.000	EACH
725-22.22	CONDUIT BANK (TYPE 2)	99.000	L.F.
725-22.24	CONDUIT BANK (TYPE 4)	6,831.000	L.F.
725-22.34	CONDUIT BANK BORED (TYPE 4)	1,343.000	L.F.
725-23.01	ITS CABLE MARKER	34.000	EACH
725-23.12	FIBER OPTIC CABLE (48 F)	9,912.000	L.F.
725-23.21	FIBER OPTIC DROP CABLE (12 F)	551.000	L.F.
725-23.26	FIBER OPTIC CLOSURE (12 F)	1.000	EACH
725-23.27	FIBER OPTIC CLOSURE (DESCRIPTION) (48 F)	1.000	EACH
725-23.28	FIBER OPTIC SPLICE FUSION	200.000	EACH
725-23.31	FIBER OPTIC DROP PANEL ( 12 F )	2.000	EACH

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
725-24.21	PREVENTIVE MAINTENANCE FOR SYSTEM	(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
730-02.08	SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED)	3.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	17.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)	3.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (140 A1 WITH BACKPLATE)	3.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	21.000	EACH
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	5.000	EACH
730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	3.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	3.000	EACH
730-08.01	SIGNAL CABLE - 3 CONDUCTOR	2,085.000	L.F.
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	2,930.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	3,100.000	L.F.
730-08.40	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (24 SINGLE MODE)	1,900.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	1,975.000	L.F.
730-12.03	CONDUIT 3" DIAMETER (PVC)	260.000	L.F.
730-12.08	CONDUIT 2" DIAMETER (RGS)	670.000	L.F.
730-12.09	CONDUIT 3" DIAMETER (RGS)	570.000	L.F.
730-13.02	VEHICLE DETECTOR (VIDEO)	3.000	EACH
730-13.07	VEHICLE DETECTOR (SIREN ACTIVATED PRIORITY CONTROL)	9.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	3.000	EACH
730-16.02	EIGHT PHASE ACTUATED CONTROLLER	3.000	EACH
730-23.30	PEDESTAL POLE (DESCRIPTION) (10 FEET)	12.000	EACH
730-23.31	PEDESTAL POLE (DESCRIPTION) (16 FEET)	3.000	EACH
730-23.36	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 64' & 53')	1.000	EACH

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-23.37	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 40' & 52')	1.000	EACH
730-23.38	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 62' & 58')	1.000	EACH
730-23.39	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 57')	1.000	EACH
730-23.88	CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')	1.000	EACH
730-23.96	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 78')	1.000	EACH
730-26.05	COUNTDOWN PEDESTRIAN SIGNAL	4.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	18.000	EACH
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	3.000	EACH
740-06.01	GEOMEMBRANE	435.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	2,562.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	1,560.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	60.000	L.F.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	18,822.000	L.F.
740-11.06	TEMPORARY SEDIMENT TUBE CHECK DAM	28.000	EACH
793-16.21	ADJUST MANHOLE LID	12.000	EACH
795-51.01	BOLLARD	8.000	EACH
801-01	SEEDING (WITH MULCH)	22.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	603.000	UNIT
801-03	WATER (SEEDING & SODDING)	698.000	M.G.
801-06.10	SHREDDED HARDWOOD MULCH(LANDSCAPING)	409.000	C.Y.
803-01	SODDING (NEW SOD)	63,978.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	21,700.000	S.Y.
202-04.02	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BR. LOC. NO. 33-I24-7.60)	(1)	LS
203-10.05	SETTLEMENT PLATE / MONITORING DEVICE	6.000	EACH
204-02.01	DRY EXCAVATION (BRIDGES)	1,974.000	C.Y.
303-01.02	GRANULAR BACKFILL (BRIDGES)	2,115.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	228,957.000	LB.

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-03.01	CLASS A CONCRETE (BRIDGES)	1,117.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	113,608.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	489.000	S.Y.
604-03.32	CLASS DS CONCRETE	457.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	3,021.000	S.Y.
604-04.41	THREE STAR STATE EMBLEM	10.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	1,735.000	S.Y.
606-03.03	STEEL PILES (12 INCH)	3,443.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	87.000	EACH
606-04.03	STEEL PILES (14 INCH)	5,212.000	L.F.
606-04.06	PILE TIPS (STEEL PILES, 14 INCH)	41.000	EACH
606-24.10	SHEET PILES	7,500.000	S.F.
615-01.03	PRESTRESSED CONCRETE I-BEAM (TYPE III)	958.000	L.F.
615-01.11	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-63)	830.000	L.F.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	889.000	L.F.
707-07.01	CHAIN-LINK FENCE (BRIDGES)	1,509.000	S.F.
709-04	REINFORCED CONCRETE SLOPE PAVEMENT	26.000	C.Y.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	317.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	131.000	L.F.
790-02.30	POLE 35FT CLASS 1 WOOD	1.000	EACH
790-04.09	POLE 45FT CLASS H2 METAL	1.000	EACH
790-06.08	POLE 55FT CLASS H2 METAL	1.000	EACH
790-07.08	POLE 60FT CLASS H2 METAL	2.000	EACH
790-08.06	POLE 65FT CLASS H4 METAL	1.000	EACH
790-09.07	POLE 70FT CLASS H4 METAL	6.000	EACH
790-10.07	POLE 75FT CLASS H4 METAL	3.000	EACH
790-12.07	POLE 85FT CLASS H4 METAL	1.000	EACH
790-21.01	1PH SGL PRIMARY SUPPORT 15KV	1.000	EACH
790-21.08	1PH DEADEND 15KV	1.000	EACH

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-25.08	3PH CROSSARM SGL LRG COND 15KV	5.000	EACH
790-25.21	3PH CROSSARM DEADEND SGL 15KV	12.000	EACH
790-25.29	3PH CROSSARM SGL 10FT LRG COND 15KV	4.000	EACH
790-30.04	SECONDARY ASSEMBLIES MISC	12.000	EACH
790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	429.000	L.F.
790-32.29	DOWN GUY HEAVY CONSTRUCTION - PREFORM	22.000	EACH
790-33.26	SCREW TYPE ANCHOR 28,000LB	14.000	EACH
790-36.01	SWITCH-900A-UNDERSLUNG	4.000	EACH
790-36.04	TRANSFER SERVICE	3.000	EACH
790-40.77	OH COND 1033.5 37/1 BLUEBELL	8,376.000	L.F.
790-41.11	UG PRI COND 1000MCM AL 15KV	19,650.000	L.F.
790-41.43	UG PRI COND _____ (1000MCM AL 46KV)	24,336.000	L.F.
790-41.46	UG SEC COND 1/0 AL TPLX	12.000	L.F.
790-41.65	UG PRI COND 1/0 AL TPX 15KV (SEE PLANS)	373.000	L.F.
790-42.21	8 DUCT BANK @ 36IN-48IN DEPTH	1,084.000	L.F.
790-42.25	16 DUCT BANK @ 36IN-48IN DEPTH	3,168.000	L.F.
790-42.26	__ DUCT BANK @ __IN-__IN DEPTH (17) DUCT BANK @ (36IN-48IN) DEPTH	351.000	L.F.
790-43.13	DEADBREAK ELBOW 600A 15KV	18.000	EACH
790-43.14	SPLICE 600A 15KV	42.000	EACH
790-43.45	FIBERGLASS VAULT-TRANS PAD-SMALL	1.000	EACH
790-43.47	PRIMARY PULLBOX	12.000	EACH
790-43.51	SECONDARY RISER W/ 3IN CONDUIT	1.000	EACH
790-43.53	1PH PRIMARY RISER W/ 3IN CONDUIT	1.000	EACH
790-43.58	3PH PRIMARY RISER W/ 6IN CONDUIT	1.000	EACH
790-43.59	SECONDARY RISER (DESCRIPTION) (12 KV RISER)	2.000	EACH
790-43.60	PRIMARY RISER (DESCRIPTION) (3Ø) (46 KV)	5.000	EACH
790-43.64	URD SPLICE 46KV	66.000	EACH
790-46.02	1PH TRANSFORMER CONV W/POLE MTD FUSE & LA	5.000	EACH
790-60.01	1PH FUSE CUTOUT XARM MOUNT 15KV	6.000	EACH

**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-62.19	3PH ELECTR RECL 800ACONT 16000A INT 15KV	1.000	EACH
790-65.04	LIGHTNING ARRESTER POLE MTD 9 KV	6.000	EACH
790-68.01	POLE GROUND ROD TYPE	16.000	EACH
790-71.08	DBL ARM LINE POST INS 46KV MAX	2.000	EACH
790-98.01	REMOVE WIRE	31,168.000	L.F.
790-98.02	REMOVE POLES	29.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	169.000	EACH
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
793-13.19	2 DUCT FORMATION @ 60IN DEPTH	1,660.000	L.F.
793-13.32	6 DUCT FORMATION @ 36IN DEPTH	1,300.000	L.F.
793-14.03	MH PRECAST 6-FT W X 12-FT L X 7-FT H	3.000	EACH
793-14.11	1IN INNERDUCT	1,300.000	L.F.
793-14.12	1 1/4IN INNERDUCT	5,200.000	L.F.
793-14.13	1 1/2IN INNERDUCT	1,300.000	L.F.
793-14.20	PLACE MANHOLE OVER EXISTING CABLE	1.000	EACH
793-14.21	ROD DUCTS	7,800.000	L.F.
793-16.01	MH(RETIRE/REMOVE/GRAVEL BACKFILL)	2.000	EACH
793-16.10	BORE/JACK 24IN CASING - UNCONSOLIDATED	400.000	L.F.
793-98.05	RETIRE BURIED FACILITIES IN PLACE	1,300.000	L.F.
798-02.05	CONDUIT - PVC (DESCRIPTION)	16,300.000	L.F.
798-03.17	4 DUCT FORMATION @ 36IN DEPTH	4,075.000	L.F.
798-05.03	FIBER OPTIC CABLE SPLICE	2.000	EACH
798-05.59	5/16" HS STEEL STRAND	513.000	L.F.
798-06.32	12-96 FIBER OPTIC CABLE (INSTALL ONLY)	6,123.000	L.F.
798-06.35	288-432 FIBER OPTIC CABLE (INSTALL ONLY)	679.000	L.F.
798-06.36	FIBER OPTIC SERVICE DROP CABLE	521.000	L.F.
798-06.56	FIBER OPTIC CABLE ENCLOSURE (INSTALLATION ONLY)	5.000	EACH
798-06.57	FIBER OPTIC STORAGE LOOP(INSTALLATION ONLY)	12.000	EACH
798-08.05	TRANSFER FEEDER CABLE	1.000	EACH



**Contract ID CNU011 - HAMILTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
798-08.06	TRANSFER FIBEROPTIC CABLE	16.000	EACH
798-08.07	TRANSFER SVC DROP	2.000	EACH
798-09.01	REMOVE STEEL STRAND	4,870.000	L.F.
798-09.06	REMOVE RISER	1.000	EACH
798-09.07	REMOVE FIBER OPTIC CABLE	5,968.000	L.F.
798-09.08	REMOVE STRAND POLE FRAMING	47.000	EACH
798-12.01	RISER POLE ASSEMBLY	7.000	EACH
798-13.01	STRAND BOND ASSEMBLY	23.000	EACH
798-13.03	STRAND TANGENT ASSEMBLY	7.000	EACH
798-13.04	STRAND ANGLE ASSEMBLY	1.000	EACH
798-13.07	STRAND DOUBLE DEADEND ASSEMBLY	8.000	EACH
798-13.08	STRAND DEADEND ASSEMBLY	9.000	EACH

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

**Contract ID CNU237 - HARDEMAN**

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**Contract ID:** CNU237

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 35946-3411-94

HSIP-3500(45)

**Counties:** HARDEMAN

**District:**

**DBE Goal Percent:**

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

**Contract Time:** DT - 5/31/2021

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	559.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	768.000	L.F.
713-02.22	BARRIER WALL DELINEATION ENHANCEMENT	300.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	722.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	3,420.000	LB.
713-11.21	P POST SLIP BASE	24.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	485.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	485.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	60.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	14.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	333.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	50.710	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	3,105.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU236 - HARDIN**

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**Contract ID:** CNU236

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 36013-3205-94

HSIP-142(18)

**Counties:** HARDIN

**District:**

**DBE Goal Percent:** 7.00

**Description:** The miscellaneous safety improvements including high friction surface treatment (HFST) on S.R. 142 from near Kimberly Lane (L.M. 5.94) to the Mississippi State line (L.M. 10.44).

**Contract Time:** DT - 6/30/2021

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,432.000	TON
406-04.03	HIGH FRICTION SURFACE TREATMENT (SINGLE LIFT)	9,850.000	S.Y.
411-12.05	SCORING FOR CENTERLINE RUMBLE (4IN WIDTH-24IN SPACING)	2.000	L.M.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	4.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	300.000	L.F.
705-06.02	W BEAM GR (TYPE 2) MASH TL3 (LONG POST)	100.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	4.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	390.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	52.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,892.000	LB.
713-11.21	P POST SLIP BASE	10.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	322.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	260.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	57.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	375.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	264.000	EACH

**Contract ID CNU236 - HARDIN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	14.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	110.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	1.000	EACH
716-04.16	PLASTIC PAVEMENT MARKING (NOISE STRIP)	144.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	17.700	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	810.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.300	L.M.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU238 - HENRY**

**Contract ID:** CNU238

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 40008-3229-94

HSIP-69(99)

**Counties:** HENRY

**District:**

**DBE Goal Percent:** 5.00

**Description:** The miscellaneous safety improvements on S.R. 69 from near Hagler Ridge Road (L.M. 0.70) to Beasley Creek (L.M. 5.70).

**Contract Time:** DT - 5/31/2021

Item No.	Description	Quantity	Units
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	680.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	390.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	247.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	2,325.000	LB.
713-11.21	P POST SLIP BASE	3.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	322.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	385.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	66.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	74.000	EACH
716-01.40	REMOVE AND REPLACE LENS ON SNOWPLOWABLE REFLECTIVE MARKER	328.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	113.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	19.800	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	465.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.700	L.M.
717-01	MOBILIZATION	(1)	LS
730-26.08	FLASHING WARNING BEACON (DESCRIPTION) (AMBER)	1.000	EACH

**Contract ID CNU238 - HENRY**

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

**Contract ID CNU239 - KNOX**

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**Contract ID:** CNU239

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 47004-4160-04

NA

**Counties:** KNOX

**District:**

**DBE Goal Percent:**

**Description:** The installation of an overhead sign structure on I-40 WB (L.M. 24.2).

**Contract Time:** DT - 1/31/2021

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-01.03	LANE CLOSURE(NIGHT WORK)	10.000	EACH
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	780.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	100.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	50.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	100.000	HOUR
713-09.20	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 94'+/-)	1.000	EACH
713-14	EXTRUDED ALUMINUM PANEL SIGNS	523.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	1.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU265 - LAWRENCE & LEWIS**

**Contract ID:** CNU265

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 50020-8211-14  
51010-8229-14

STP-241(124)  
STP-241(125)

**Counties:** LAWRENCE, LEWIS

**District:**

**DBE Goal Percent:** 7.00

**Description:** The resurfacing on S.R. 241 from S.R. 240 (L.M. 5.16) in Lawrence County to the Natchez Trace Parkway in Lewis County (L.M. 1.20).

**Contract Time:** CD - 50

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	13.300	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,987.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	1,000.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	36.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	9,849.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	10.700	L.M.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	50.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	6.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,014.000	S.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	438.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	358.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	300.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	2.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	19.300	L.M.
717-01	MOBILIZATION	(1)	LS



**Contract ID CNU265 - LAWRENCE & LEWIS**

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

**Contract ID CNU216 - MADISON**

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**Contract ID:** CNU216

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 57009-3267-94  
57009-4267-04  
57009-8267-14

NH/HSIP-186(18)  
NH/HSIP-186(18)  
NH/HSIP-186(18)

**Counties:** MADISON

**District:**

**DBE Goal Percent:** 8.00

**Description:** The resurfacing on U.S. 45BP (S.R. 186) from Channing Way (L.M. 4.40) to Passmore Lane Overpass (L.M. 8.18), including bridge expansion joint repair and thin epoxy overlay.

**Contract Time:** DT - 11/30/2020

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-03.01	REMOVAL OF ASPHALT PAVEMENT	500.000	S.Y.
203-06	WATER	12.450	M.G.
208-01.05	BROOMING & DEGRASSING SHOULDERS	13.400	L.M.
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D)	1,934.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	230.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	76.000	TON
403-01.10	High Performance Fog Seals	29.000	S.Y.
411-01.21	LONGITUDINAL JOINT SEALANT	31.000	L.M.
411-02.10	ACS MIX(PG70-22) GRADING D	13,541.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	12.440	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	13,110.000	TON
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	3.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	3.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	2,312.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH

**Contract ID CNU216 - MADISON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	1,010.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	372.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	97.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	839.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	67.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	425.000	L.F.
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	1,527.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	1.090	L.M.
716-03.06	PLASTIC WORD PAVEMENT MARKING (SIGNAL AHEAD)	21.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	156.000	S.F.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	1,112.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	20.510	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	20.910	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	1,420.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	649.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-12.01	CONDUIT 1" DIAMETER (PVC)	50.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	40.000	L.F.
730-14.01	SHIELDED DETECTOR CABLE	50.000	L.F.
730-14.02	SAW SLOT	5,802.000	L.F.
730-14.03	LOOP WIRE	12,804.000	L.F.
604-10.44	EXPANSION JOINT REPAIRS	300.000	L.F.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	1,861.000	S.Y.

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

**Contract ID CNU049 - MAURY**

**Contract ID:** CNU049

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 60001-4155-04

NA

**Counties:** MAURY

**District:**

**DBE Goal Percent:**

**Description:** The repair of bridges on I-65 over Rutherford Creek (L.M. 16.48) and on S.R. 396 over I-65 (I-65 L.M. 17.63).

**Contract Time:** DT - 5/15/2021

Item No.	Description	Quantity	Units
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
411-03.10	ACS MIX(PG76-22) GRADING D	9.000	TON
602-10.32	STRUCTURAL STEEL (REPAIRS)	8.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	19.000	C.Y.
604-10.05	CONCRETE	792.000	S.F.
604-10.44	EXPANSION JOINT REPAIRS	64.000	L.F.
604-10.51	SCARIFYING	155.000	S.Y.
604-10.54	CONCRETE REPAIRS	790.000	S.F.
604-10.83	COMPOSITE FIBER ENCASEMENT	1,902.000	S.F.
606-03.03	STEEL PILES (12 INCH)	360.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	12.000	EACH
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	893.000	S.Y.
705-02.02	SINGLE GUARDRAIL (TYPE 2)	75.000	L.F.
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	77.000	EACH
705-08.11	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	7.000	EACH
706-01	GUARDRAIL REMOVED	75.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	2,450.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	105.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	105.000	EACH

**Contract ID CNU049 - MAURY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-06	SIGNS (CONSTRUCTION)	1,060.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	7.000	EACH
712-09.01	REMOVABLE PAVEMENT MARKING LINE	18,600.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	3.000	EACH
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU242 - MCMINN**

**Contract ID:** CNU242

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 54014-3221-94  
54014-4221-04  
54014-8221-14

STP/HSIP-310(4)  
STP/HSIP-310(4)  
STP/HSIP-310(4)

**Counties:** MCMINN

**District:**

**DBE Goal Percent:** 7.50

**Description:** The resurfacing (microsurfacing) on S.R. 310 from near U.S. 411 (S.R. 30) (L.M. 0.10) to S.R. 39 (L.M. 6.38), including bridge repair.

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
403-01.10	High Performance Fog Seals	32,572.000	S.Y.
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	4.400	L.M.
414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	131.000	TON
414-03.02	AGGREGATE FOR MICRO SURFACING	1,093.000	TON
414-04.03	ASPHALT EMULSION (SCRUB SEAL)	119.000	TON
414-04.04	MINERAL AGGREGATE (SCRUB SEAL)	980.000	TON
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
705-04.20	GUARDRAIL DELINEATION ENHANCEMENT	1,576.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
706-01	GUARDRAIL REMOVED	150.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	356.000	S.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	3.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	424.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	3.000	EACH

**Contract ID CNU242 - MCMINN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	241.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	335.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	1.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	1.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	53.400	L.M.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	23.900	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	18.400	L.M.
716-13.07	SPRAY THERMO PVMT MRKNG (40 mil) (6IN LINE)	5.600	L.M.
717-01	MOBILIZATION	(1)	LS
502-08.02	RESEALING JOINTS (SILICONE SEALANT)	85.000	L.F.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	938.000	S.Y.

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



**Contract ID CNU243 - MCNAIRY**

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**Contract ID:** CNU243

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 55008-3246-94  
55008-4247-04  
55008-8246-14

STP/HSIP-57(81)  
STP/HSIP-57(81)  
STP/HSIP-57(81)

**Counties:** MCNAIRY

**District:**

**DBE Goal Percent:** 5.00

**Description:** The resurfacing with hot in-place recycling on S.R. 57 from the Ramer City limits (L.M. 12.00) to the Hardin County line (L.M. 24.67), including bridge expansion joint repair.

**Contract Time:** DT - 11/30/2020

Item No.	Description	Quantity	Units
202-03.01	REMOVAL OF ASPHALT PAVEMENT	200.000	S.Y.
203-06	WATER	15.000	M.G.
208-01.05	BROOMING & DEGRASSING SHOULDERS	24.970	L.M.
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (D)	1,810.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	70.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	23.000	TON
311-03.04	HOT IN PLACE RECYCLING OF ASPHALT PAVEMENT (2.00IN)	189,973.000	S.Y.
311-03.10	ASPHALT REJUVENATING AGENT	75,989.000	GAL.
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	69.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	9,714.000	TON
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	19.970	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	2,400.000	S.Y.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	16.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	12.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL2	4.000	EACH

**Contract ID CNU243 - MCNAIRY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	1,402.000	S.F.
713-02.11	REMOVAL OF EXISTING DELINEATORS	8.000	EACH
713-02.14	FLEXIBLE DELINEATOR (WHITE)	8.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	836.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	17.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	417.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	2.000	EACH
716-03.06	PLASTIC WORD PAVEMENT MARKING (SIGNAL AHEAD)	2.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	34.300	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	34.300	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	150.000	L.F.
717-01	MOBILIZATION	(1)	LS
604-10.44	EXPANSION JOINT REPAIRS	88.000	L.F.

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

**Contract ID CNU169 - OVERTON**

**Contract ID:** CNU169

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 67945-3475-94

HSIP-6700(34)

**Counties:** OVERTON

**District:**

**DBE Goal Percent:** 9.00

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

**Contract Time:** DT - 5/31/2021

Item No.	Description	Quantity	Units
705-02.02	SINGLE GUARDRAIL (TYPE 2)	110.000	L.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	6.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	890.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	6.000	EACH
706-01	GUARDRAIL REMOVED	110.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.20	ROADSIDE OBSTACLE DELINEATION	64.000	S.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	588.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	2,444.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	2,531.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	382.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	917.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	32.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	549.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	353.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	41.200	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	885.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU244 - PERRY**

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**Contract ID:** CNU244

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 68945-3475-94

HSIP-6800(28)

**Counties:** PERRY

**District:**

**DBE Goal Percent:** 7.50

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

**Contract Time:** DT - 5/31/2021

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	2.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	218.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL3	200.000	L.F.
705-06.11	GR TERMINAL (IN-INLINE) MASH TL3	2.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL2	2.000	EACH
706-10.26	ROUNDED END ELEMENT	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	233.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	2,800.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	2,081.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	348.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	545.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	23.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	118.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	44.868	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	1,569.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU245 - ROANE**

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**Contract ID:** CNU245

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 73010-3242-94 HSIP-58(55)  
 73010-4242-04 HSIP-58(55)  
 73010-4243-04 HSIP-58(55)  
 73012-3204-94 HSIP-326(3)  
 73012-4204-04 HSIP-326(3)

**Counties:** ROANE

**District:** **DBE Goal Percent:** 11.00

**Description:** The resurfacing using either Thin Lift (TL) or Thin Lift D (TLD) on S.R. 58 from near S.R. 72 (L.M. 7.15) to near I-40 (L.M. 13.82), and on S.R. 326 from U.S. 70 (S.R. 1) (L.M. 0.00) to near I-40 (L.M. 1.32).

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	15.000	L.M.
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	1,636.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	146.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	9.400	L.M.
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	3.000	L.M.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	2,925.000	S.F.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	4.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	2.000	EACH
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	2.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL2	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	1,909.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	5.000	EACH

**Contract ID CNU245 - ROANE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-16.20	SIGNS (DESCRIPTION) (R3-7)	3.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	680.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	204.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	7.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	486.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	824.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	675.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	3.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	1,150.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	270.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	3.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	1.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	1,578.000	L.F.
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	90.000	S.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	8.600	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	34.200	L.M.
716-13.05	SPRAY THERMO PVMT MRKNG (60 mil) (6IN DOTTED LINE)	5,900.000	L.F.
717-01	MOBILIZATION	(1)	LS
604-10.44	EXPANSION JOINT REPAIRS	47.000	L.F.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	6,833.000	S.Y.
411-03.08	ACS MIX(PG70-22) THIN LIFT ASPHALT	7,016.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	1,165.000	TON
411-03.07	ACS MIX(PG64-22) THIN LIFT ASPHALT	1,165.000	TON
411-03.13	ACS MIX(PG70-22) THIN LIFT D ASPHALT	7,016.000	TON

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

**Contract ID CNU250 - SHELBY**

**Contract ID:** CNU250

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 79092-3203-94  
79092-4203-04

HSIP-205(32)  
HSIP-205(32)

**Counties:** SHELBY

**District:**

**DBE Goal Percent:** 5.00

**Description:** The resurfacing on S.R. 205 from S.R. 14 (L.M. 0.00) to Armour Road (L.M. 2.20).

**Contract Time:** DT - 10/31/2020

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-03.01	REMOVAL OF ASPHALT PAVEMENT	74.000	S.Y.
203-06	WATER	5.000	M.G.
208-01.05	BROOMING & DEGRASSING SHOULDERS	4.400	L.M.
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D)	624.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	26.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	9.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	9.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	1,628.000	TON
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	3.280	L.M.
414-04.03	ASPHALT EMULSION (SCRUB SEAL)	25.000	TON
414-04.04	MINERAL AGGREGATE (SCRUB SEAL)	199.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	3,180.000	S.Y.
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	551.000	S.F.
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	146.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	146.000	EACH



**Contract ID CNU250 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	44.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	1.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	100.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	1.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	90.000	S.F.
716-04.16	PLASTIC PAVEMENT MARKING (NOISE STRIP)	150.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	7.172	L.M.
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	146.000	L.F.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	44.000	EACH
716-08.11	REMOVAL OF WORD PAVEMENT MARKING (DESCRIPTION) (STOP AHEAD)	1.000	EACH
716-08.19	REMOVAL OF PAVEMENT MARKING (YIELD LINE)	90.000	S.F.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	7.172	L.M.
716-08.21	REMOVAL OF PAVEMENT MARKING (24IN BARRIER LINE)	100.000	L.F.
716-08.22	REMOVAL OF PAVEMENT MARKING (NOISE STRIP)	150.000	L.F.
716-09.80	THERMOPLST PVMT MARK PROFILE LINE(6")	4.400	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.772	L.M.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU052 - SHELBY**

**Contract ID:** CNU052

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 79947-3530-94

HSIP-2828(4)

**Counties:** SHELBY

**District:**

**DBE Goal Percent:** 9.00

**Description:** The installation of signals on Ridgeway Road from Mt. Moriah Road to Quince Road in Memphis, including grading, drainage and paving.

**Contract Time:** CD - 120

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	1,195.000	S.Y.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	310.000	C.Y.
203-07	FURNISHING & SPREADING TOPSOIL	56.000	C.Y.
209-03.21	FILTER SOCK (12 INCH)	1,360.000	L.F.
209-09.43	CURB INLET PROTECTION (TYPE 4)	15.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	98.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	40.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	20.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	0.250	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	0.900	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	2.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	232.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	3,330.000	S.Y.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	45.000	L.F.
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	1.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	1.000	EACH
701-01.01	CONCRETE SIDEWALK (4 ")	3,050.000	S.F.

**Contract ID CNU052 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
701-02.01	CONCRETE CURB RAMP (RETROFIT)	5,851.000	S.F.
701-02.03	CONCRETE CURB RAMP	470.000	S.F.
702-01	CONCRETE CURB	0.200	C.Y.
702-03	CONCRETE COMBINED CURB & GUTTER	92.000	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	1,110.000	S.F.
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	6.000	EACH
713-11.01	"U" SECTION STEEL POSTS	685.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,502.000	LB.
713-13.01	FLAT SHEET ALUMINUM SIGNS (0.064" THICK)	6.000	S.F.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	182.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	458.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	68.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	68.000	EACH
714-09.04	LUMINAIRES (400 WATT)	1.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	331.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	6.000	EACH
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	348.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	4.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	0.500	L.M.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.600	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	0.020	L.M.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	2.000	EACH
730-01.03	MODIFICATION OF EXISTING TRAFFIC SIGNAL EQUIPMENT	2.000	EACH
730-01.05	REMOVE & RELOCATE SCHOOL SIGNAL EQUIPMENT	(1)	LS
730-01.08	SCHOOL SPEED LIMIT FLASHING SIGNAL INSTALLED	2.000	EACH

**Contract ID CNU052 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	6.000	EACH
730-02.10	SIGNAL HEAD ASSEMBLY (130 A2)	2.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	4.000	EACH
730-02.18	SIGNAL HEAD ASSEMBLY (150 A2V)	4.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130A2 WITH BACKPLATE)	2.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	8.000	EACH
730-08.01	SIGNAL CABLE - 3 CONDUCTOR	1,110.000	L.F.
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	2,440.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,810.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	390.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	1,960.000	L.F.
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (HYBRID VIDEO/RADAR DETECTION)	4.000	EACH
730-13.09	VEHICLE DETECTOR (DESCRIPTION) (EMERGENCY VEHICLE PRE-EMPTION DETECTION)	4.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	1.000	EACH
730-16.04	CONTROLLER (ATC)	1.000	EACH
730-23.30	PEDESTAL POLE (DESCRIPTION) (15')	4.000	EACH
730-23.31	PEDESTAL POLE (DESCRIPTION) (TYPE A)	8.000	EACH
730-23.96	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 @ 50')	1.000	EACH
730-23.97	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) 1 @ 60')	1.000	EACH
730-23.98	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 @ 65')	2.000	EACH
730-26.08	FLASHING WARNING BEACON (DESCRIPTION)	2.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	8.000	EACH
801-01	SEEDING (WITH MULCH)	8.000	UNIT
801-03	WATER (SEEDING & SODDING)	0.600	M.G.

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

**Contract ID CNU249 - SHELBY**

**Contract ID:** CNU249

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 79903-3118-44

R-HSIP-I-40-1(344)

**Counties:** SHELBY

**District:**

**DBE Goal Percent:** 8.00

**Description:** The grading, drainage and paving on the I-40 EB exit ramp to Whitten Road (L.M. 17.15, Exit 14).

**Contract Time:** CD - 180

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
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	68.000	S.Y.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	283.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	394.000	C.Y.
203-06	WATER	16.000	M.G.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	1.750	C.Y.
209-05	SEDIMENT REMOVAL	12.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	346.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	464.000	L.F.
209-09.01	SANDBAGS	25.000	BAG
209-09.41	CURB INLET PROTECTION (TYPE 2)	1.000	EACH
209-40.30	CATCH BASIN PROTECTION (TYPE A)	1.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	329.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	100.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	0.760	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	0.250	TON
313-03	TREATED PERMEABLE BASE	592.000	S.Y.

**Contract ID CNU249 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	0.820	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	3.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	199.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	2,990.000	S.Y.
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	578.000	S.Y.
501-05.90	REMOVE EXISTING BITUMINOUS MATERIAL	(1)	LS
502-08.02	RESEALING JOINTS (SILICONE SEALANT)	765.000	L.F.
604-10.07	CONCRETE REMOVAL	(1)	LS
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	7.000	L.F.
611-01.02	MANHOLES, > 4' - 8' DEPTH	1.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	1.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	18.000	L.F.
701-01.01	CONCRETE SIDEWALK (4 ")	629.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	734.000	S.F.
701-02.03	CONCRETE CURB RAMP	55.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	2.640	C.Y.
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	50.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	51.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	410.000	L.F.
710-05	LATERAL UNDERDRAIN	45.000	L.F.
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	1.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	1.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	444.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	211.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	20.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	160.000	EACH

**Contract ID CNU249 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-05.03	WARNING LIGHTS (TYPE C)	120.000	EACH
712-06	SIGNS (CONSTRUCTION)	748.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	30.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	8.000	EACH
712-09.01	REMOVABLE PAVEMENT MARKING LINE	47.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	1.080	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	301.000	LB.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	84.000	L.F.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	1,220.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	78.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	192.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	14.000	S.F.
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	4.000	EACH
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	8.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
713-16.20	SIGNS (DESCRIPTION) (WRONG WAY, R5-1A)	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (YIELD, R1-2)	1.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	274.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	471.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	62.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	57.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	122.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	17.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	44.000	L.F.



**Contract ID CNU249 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	221.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	8.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	96.000	S.F.
716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	1.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	3,200.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	3.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	0.380	L.M.
716-06.01	PAINTED WORD PVMT MARK ( )	1.000	EACH
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	9,334.000	L.F.
716-08.03	REMOVAL OF PAVEMENT MARKING (CROSS-WALK)	221.000	L.F.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	5.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.914	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	401.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	6.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)	4.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 POLE MOUNTED)	2.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	6.000	EACH
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	8.000	EACH
730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	5.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.01	SIGNAL CABLE - 3 CONDUCTOR	265.000	L.F.
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	1,136.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,160.000	L.F.

**Contract ID CNU249 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-08.40	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (36 STRAND SM)	4,310.000	L.F.
730-08.41	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (6 STRAND SM)	153.000	L.F.
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	93.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	343.000	L.F.
730-12.03	CONDUIT 3" DIAMETER (PVC)	151.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	7,840.000	L.F.
730-12.14	CONDUIT 3" DIAMETER (JACK AND BORE)	481.000	L.F.
730-12.42	CURB MARKER (DESCRIPTION) (CONDUIT)	30.000	EACH
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (VIDEO IMAGING AND RADAR SYSTEM)	3.000	EACH
730-13.09	VEHICLE DETECTOR (DESCRIPTION) (EMERGENCY PREEMPTION)	3.000	EACH
730-15.10	MODIFY CABINET ( INSTALL COORDINATION UNIT)	4.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	1.000	EACH
730-16.04	CONTROLLER (ATC)	1.000	EACH
730-18.01	MASTER CONTROLLER	1.000	EACH
730-23.30	PEDESTAL POLE (DESCRIPTION) (10' PEDESTRIAN POLE)	3.000	EACH
730-23.31	PEDESTAL POLE (DESCRIPTION) (17' PEDESTRIAN POLE)	1.000	EACH
730-23.36	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 56')	1.000	EACH
730-23.37	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 62')	1.000	EACH
730-23.38	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 70')	1.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	6.000	EACH
730-35.06	BATTERY BACK-UP AND POWER CONDITIONER	1.000	EACH
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	86.000	S.Y.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	12.000	UNIT

**Contract ID CNU249 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-03	WATER (SEEDING & SODDING)	15.000	M.G.
803-01	SODDING (NEW SOD)	1,321.000	S.Y.

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

**Contract ID CNU247 - SHELBY**

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**Contract ID:** CNU247

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 79224-4211-04

NA

**Counties:** SHELBY

**District:**

**DBE Goal Percent:**

**Description:** The repair of the Ramp C bridge over S.R. 14 (L.M. 20.23).

**Contract Time:** DT - 11/30/2020

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	500.000	L.F.
603-02.15	REPAINT EXISTING BEARINGS	(1)	LS
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	100.000	S.Y.
604-10.05	CONCRETE	5.000	S.F.
604-10.54	CONCRETE REPAIRS	53.000	S.F.
604-10.83	COMPOSITE FIBER ENCASEMENT	195.000	S.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	500.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	50.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	31.000	EACH
712-06	SIGNS (CONSTRUCTION)	91.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	1.000	EACH
712-09.01	REMOVABLE PAVEMENT MARKING LINE	200.000	L.F.
717-01	MOBILIZATION	(1)	LS
719-01.07	BRIDGE CLEANING	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	86.000	S.Y.

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

**Contract ID CNU251 - STEWART**

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**Contract ID:** CNU251

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 81945-3481-94

HSIP-8100(14)

**Counties:** STEWART

**District:**

**DBE Goal Percent:** 4.50

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

**Contract Time:** DT - 5/31/2021

<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	342.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	3,120.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	2,699.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	424.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	682.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	46.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	1,651.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	56.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	53.620	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	3,351.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU252 - SULLIVAN**

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**Contract ID:** CNU252

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 82001-4185-04

N/A

**Counties:** SULLIVAN

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridges on I-81 over the C.S.X. Railroad (L.M. 5.41) in Kingsport.

**Contract Time:** DT - 5/31/2021

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	128.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	6.000	C.Y.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	108.000	L.F.
209-40.33	CATCH BASIN PROTECTION (TYPE D)	2.000	EACH
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	472.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	263.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	2,181.000	S.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	654.000	S.Y.
604-10.05	CONCRETE	6.000	S.F.
604-10.14	REMOVE EXISTING WEARING SURFACE	(1)	LS
604-10.22	CONCRETE PARAPET REPAIR	696.000	L.F.
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	20.000	S.Y.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	200.000	S.Y.
604-10.54	CONCRETE REPAIRS	6.000	S.F.
604-10.55	CONCRETE (FOUNDATION REPAIRS)	3.000	C.Y.
604-10.58	EPOXY INJECTION (INJECTION)	9.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	29.000	L.F.

**Contract ID CNU252 - SULLIVAN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
617-01	BRIDGE DECK SEALANT	1,994.000	S.Y.
705-20.25	TEMPORARY CRASH CUSHION (MASH TL-3)	4.000	EACH
707-07.01	CHAIN-LINK FENCE (BRIDGES)	1,172.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	2,043.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	200.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	103.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,116.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	360.000	HOUR
712-08.12	QUEUE PROTECTION TRUCK	100.000	DAY
712-08.14	PORTABLE QUEUE WARNING SYSTEM	100.000	DAY
712-09.01	REMOVABLE PAVEMENT MARKING LINE	44,728.000	L.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	3,823.000	L.F.
712-09.05	REMOVABLE PAVEMENT MARKING (ARROW)	3.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.400	L.M.
717-01	MOBILIZATION	(1)	LS
801-02	SEEDING (WITHOUT MULCH)	3.000	UNIT
801-03	WATER (SEEDING & SODDING)	1.000	M.G.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	129.000	S.Y.

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

**Contract ID CNU258 - TROUSDALE**

**Contract ID:** CNU258

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 85001-4228-04  
85001-8228-14

STP-10(83)  
STP-10(83)

**Counties:** TROUSDALE

**District:**

**DBE Goal Percent:** 7.50

**Description:** The resurfacing on S.R. 10 from S.R. 25 (L.M. 6.25) to S.R. 25 (L.M. 14.95), including bridge expansion joint repair.

**Contract Time:** DT - 10/31/2020

Item No.	Description	Quantity	Units
208-01.05	BROOMING & DEGRASSING SHOULDERS	17.400	L.M.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	352.000	TON
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	1,000.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	57.000	TON
411-03.13	ACS MIX(PG70-22) THIN LIFT D ASPHALT	7,425.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	12.200	L.M.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	50.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	2,222.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	773.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	95.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	868.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	1,001.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	236.000	L.F.



**Contract ID CNU258 - TROUSDALE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	12.000	EACH
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	1.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	36.000	L.M.
717-01	MOBILIZATION	(1)	LS
604-10.44	EXPANSION JOINT REPAIRS	41.000	L.F.
604-10.53	CONCRETE REPAIRS	2.000	S.Y.
604-10.56	CONCRETE OVERLAYED BRIDGE DECK REPAIR (PARTIAL DEPTH)	5.000	S.Y.
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	570.000	S.Y.

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

**Contract ID CNU257 - WEAKLEY**

**Contract ID:** CNU257

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 92002-3232-94

HSIP-22(90)

**Counties:** WEAKLEY

**District:**

**DBE Goal Percent:** 6.00

**Description:** The miscellaneous safety improvements on S.R. 22 from north of Latta Drive (L.M. 16.88) to near Industrial Park Drive (L.M. 21.40).

**Contract Time:** DT - 5/31/2021

Item No.	Description	Quantity	Units
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	2,985.000	L.F.
705-80.01	LONGITUDINAL CABLE BARRIER	9,700.000	L.F.
705-80.03	LONGITUDINAL CABLE BARRIER (END TERMINAL) TL-3	20.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	504.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	520.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	2,938.000	LB.
713-11.21	P POST SLIP BASE	8.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	40.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	791.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	100.000	EACH
716-01.40	REMOVE AND REPLACE LENS ON SNOWPLOWABLE REFLECTIVE MARKER	200.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	335.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	196.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	16.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	21.000	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	2,950.000	L.F.

**Contract ID CNU257 - WEAKLEY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	1.000	L.M.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU032 - WILLIAMSON**

**Contract ID:** CNU032

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 94011-3255-04

N/A

**Counties:** WILLIAMSON

**District:**

**DBE Goal Percent:**

**Description:** The grading, drainage, construction of bridges, paving and signals on S.R. 96 from east of Arno Road (L.M. 14.72) to S.R. 252 (Wilson Pike) (L.M. 20.62).

**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
202-02.01	REMOVAL OF PIPE (SIZE ,STA.) (24" RCP, STA. 103+19)	65.000	L.F.
202-02.02	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA. 8+65 OXFORD GLEN)	60.000	L.F.
202-02.03	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA.138+38)	44.000	L.F.
202-02.04	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA. 143+74)	62.000	L.F.
202-02.05	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA. 150+14)	41.000	L.F.
202-02.06	REMOVAL OF PIPE (SIZE ,STA.) (18" CMP, STA. 9+48 N CHAPEL RD LT)	32.000	L.F.
202-02.07	REMOVAL OF PIPE (SIZE ,STA.) (18" CMP, STA. 12+52 N CHAPEL RD RT)	24.000	L.F.
202-02.08	REMOVAL OF PIPE (SIZE ,STA.) (36" RCP ,STA. 165+83)	53.000	L.F.
202-02.09	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA. 175+59)	47.000	L.F.
202-02.10	REMOVAL OF PIPE (SIZE ,STA.) (30" RCP, STA. 206+09)	42.000	L.F.
202-02.11	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA. 258+33)	49.000	L.F.

**Contract ID CNU032 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-02.12	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA. 269+62)	60.000	L.F.
202-02.13	REMOVAL OF PIPE (SIZE ,STA.) (30" RCP, STA. 288+92)	60.000	L.F.
202-02.14	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA. 297+57)	40.000	L.F.
202-02.15	REMOVAL OF PIPE (SIZE ,STA.) (18" CMP, STA. 298+42)	57.000	L.F.
202-02.17	REMOVAL OF PIPE (SIZE ,STA.) (15" CMP, STA. 18+09 LAMPKINS BRIDGE RD)	33.000	L.F.
202-02.18	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, STA. 327+01)	46.000	L.F.
202-02.20	REMOVAL OF PIPE (SIZE ,STA.)	61.000	L.F.
202-02.21	REMOVAL OF PIPE (DESCRIPTION) (18" STORM, STA. 384+13)	151.000	L.F.
202-02.22	REMOVAL OF PIPE (DESCRIPTION) (18" STORM, STA. 385+66)	133.000	L.F.
202-02.23	REMOVAL OF PIPE (DESCRIPTION) (18" STORM, STA. 387+02)	80.000	L.F.
202-02.24	REMOVAL OF PIPE (DESCRIPTION) (24" RCP, STA. 394+32)	104.000	L.F.
202-04.57	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (3'X3' RCBC, STA. 111+57)	(1)	LS
202-04.58	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (3'X3' RCBC, STA. 120+21)	(1)	LS
202-04.59	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (3'X3' RCBC, STA. 232+87)	(1)	LS
202-04.60	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (5'X4' RCBC, STA. 304+51)	(1)	LS
202-04.61	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (3'X3' RCBC, STA. 347+10)	(1)	LS
202-04.62	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (2@10'X5' RCBC, STA. 382+01)	(1)	LS
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 106)	(1)	LS
202-12	CONSTRUCTION & REMOVAL OF TEMPORARY RUNAROUND	(1)	LS
202-13	WATER WELL ABANDONMENT	6.000	EACH

**Contract ID CNU032 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	798,807.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	73,850.000	TON
203-04	PLACING AND SPREADING TOPSOIL	48,690.000	C.Y.
203-05	UNDERCUTTING	2,185.000	C.Y.
203-10.15	WASTE MATERIAL	154,757.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
204-08	FOUNDATION FILL MATERIAL	845.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	240.000	C.Y.
209-02.07	18" TEMPORARY SLOPE DRAIN	1,431.000	L.F.
209-03.22	FILTER SOCK (18 INCH)	497.000	L.F.
209-03.23	FILTER SOCK (24 INCH)	51.000	L.F.
209-03.31	STREAM MITIGATION-COCONUT FIBER ROLLS	223.000	L.F.
209-03.42	STREAM MITIGATION - LIVE BRUSH LAYERING	2,272.000	L.F.
209-03.47	STREAM MITIGATION - LONGITUDINAL STONE TOE (DESCRIP)	195.000	C.Y.
209-03.67	STREAM MITIGATION – WOOD TOE W/REINFORCED EARTH	323.000	L.F.
209-05	SEDIMENT REMOVAL	5,328.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	48,390.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	14,415.000	L.F.
209-08.07	ROCK CHECK DAM PER	531.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	134.000	EACH
209-09.01	SANDBAGS	6,454.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	6.000	EACH
209-09.22	POLYACRYLAMIDE POWDER	300.000	LB.
209-09.24	JUTE MESH FABRIC	2,250.000	S.Y.
209-09.43	CURB INLET PROTECTION (TYPE 4)	84.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	238.000	S.Y.
209-20.04	POLYETHYLENE SHEETING (10 MIL.)	312.000	S.Y.
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	2.000	EACH
209-40.43	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	5.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	2.000	EACH
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	4.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	65.000	EACH
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	6.000	EACH
209-65.03	TEMPORARY DIVERSION CHANNEL	1,360.000	L.F.
209-65.04	TEMPORARY IN STREAM DIVERSION	391.000	L.F.
303-01.01	GRANULAR BACKFILL (ROADWAY)	19,313.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	278.000	TON
303-10.03	MINERAL AGGREGATE (SIZE 68)	1,118.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	8.000	L.M.
604-01.01	CLASS A CONCRETE (ROADWAY)	1,186.000	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	232,211.000	LB.
604-15.01	PORTLAND CEMENT GROUT	17.000	C.Y.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	8,269.000	L.F.
607-03.03	18" CONCRETE PIPE CULVERT (CLASS IV)	170.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	1,122.000	L.F.
607-05.06	24" PIPE CULVERT (JACKED-IN-PLACE)	142.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	1,197.000	L.F.
607-06.07	36" PIPE CULVERT (JACKED-IN-PLACE)	58.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	429.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	182.000	L.F.
607-08.05	42" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE	110.000	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	362.000	L.F.
607-10.02	54" CONCRETE PIPE CULVERT (CLASS III)	92.000	L.F.
607-10.05	54" CONCRETE PIPE CULVERT(CLASS IV)JACKED-IN-PLACE	100.000	L.F.
607-37.01	15" CORRUGATED METAL PIPE CULVERT	30.000	L.F.
607-37.02	18" CORRUGATED METAL PIPE CULVERT	10.000	L.F.
607-37.03	24" CORRUGATED METAL PIPE CULVERT	20.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
607-37.30	12IN CORRUGATED METAL PIPE CULVERT	30.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	1,843.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	1,725.000	L.F.
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	200.000	L.F.
607-39.05	36" PIPE CULVERT (SIDE DRAIN)	244.000	L.F.
607-39.06	42" PIPE CULVERT (SIDE DRAIN)	72.000	L.F.
607-39.09	60" PIPE CULVERT (SIDE DRAIN)	78.000	L.F.
610-07.03	18" PIPE DRAIN (BRIDGE DRAIN)	241.000	L.F.
611-02.01	SPRING DRAIN BOX, TYPE 1	3.000	EACH
611-02.10	JUNCTION BOX, TYPE 1	2.000	EACH
611-02.11	JUNCTION BOX, TYPE 2	1.000	EACH
611-02.12	JUNCTION BOX, TYPE 3	1.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	118.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	2,263.000	LB.
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	5.000	EACH
611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	17.000	EACH
611-07.61	30IN ENDWALL (CROSS DRAIN) 4:1	4.000	EACH
611-07.62	30IN ENDWALL (CROSS DRAIN) 6:1	2.000	EACH
611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	15.000	EACH
611-07.64	36IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.65	36IN ENDWALL (CROSS DRAIN) 6:1	4.000	EACH
611-07.66	42IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.67	42IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-07.70	48IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	24.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	40.000	EACH



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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	4.000	EACH
611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	2.000	EACH
611-12.05	CATCH BASINS, TYPE 12, > 16' - 20' 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
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	2.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	342.000	L.F.
621-03.05	36" TEMPORARY DRAINAGE PIPE	288.000	L.F.
621-03.06	42" TEMPORARY DRAINAGE PIPE	84.000	L.F.
621-03.07	48" TEMPORARY DRAINAGE PIPE	54.000	L.F.
621-05.01	TEMPORARY SHORING	400.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	1,083.000	C.Y.
703-01	PORTLAND CEMENT CONCRETE DITCH PAVING	24.000	C.Y.
705-01.01	GUARDRAIL AT BRIDGE ENDS	215.000	L.F.
705-01.04	METAL BEAM GUARD FENCE	50.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL3	16,500.000	L.F.
705-06.10	GR TERMINAL TRAILING END (TYPE 13) MASH TL3	35.000	EACH
705-06.11	GR TERMINAL (IN-LINE) MASH TL3	41.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	36.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL2	7.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	76.000	EACH
706-01	GUARDRAIL REMOVED	2,750.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	11,236.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	337.000	EACH
709-01.01	RUBBLE STONE RIP-RAP	11.000	C.Y.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	700.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	33,013.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	8,910.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	4,420.000	TON
709-05.81	ROCK RIFFLES	(1)	LS

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	62,400.000	L.F.
710-05	LATERAL UNDERDRAIN	12,159.000	L.F.
710-06.11	LATERAL UNDERDRAIN ENDWALL (2:1)	6.000	EACH
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	55.000	EACH
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	31.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	184.000	EACH
710-10.02	6" PERFORATED PLASTIC PIPE	933.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	27,383.000	L.F.
712-02.36	REMOVE AND RELOCATE PORTABLE BARRIER RAIL	40,121.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	1,422.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	56.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	24.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,756.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	1,045.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	8.000	EACH
713-02.04	DELINEATOR (MILE MARKER) & STEEL POST	14.000	EACH
713-02.26	CONCRETE BARRIER/PARAPET DELINEATOR	2,740.000	EACH
713-02.30	FLEXIBLE TUBULAR DELINEATOR	62.000	EACH
713-11.01	"U" SECTION STEEL POSTS	547.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	2,860.000	LB.
713-11.21	P POST SLIP BASE	95.000	EACH
713-11.22	U POST SLIP BASE	14.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	462.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	337.000	S.F.
713-14.22	STREET NAME SIGN (SUSPENDED 0.100IN THICK)	92.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	1.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	8.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-16.20	SIGNS (DESCRIPTION) (PROTECTED AREA)	10.000	EACH
716-01.05	TEMPORARY RAISED PAVEMENT MARKER	42.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	900.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	830.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	33.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	6,803.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	602.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	123.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	1,772.000	L.F.
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	1,820.000	L.F.
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	3.000	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	26,798.000	L.F.
716-05.04	PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	4,694.000	S.Y.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	780.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	14.000	EACH
716-05.11	PAINTED PAVEMENT MARKING(STRAIGHT ARROW)	158.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	52.000	L.M.
716-05.21	PAINTED PAVEMENT MARKING(4"DOTTED LINE)	150.000	L.F.
716-08.33	HYDROBLAST REMOVAL OF PAVEMENT MARKING (DESCRIPTION) (ARROW)	3.000	EACH
716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	4.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	46.000	L.M.
716-12.06	ENHANCED FLAT LINE THERMO (8IN LINE)	2,198.000	L.F.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
717-01	MOBILIZATION	(1)	LS
730-02.08	SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED)	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	8.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	2.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (140 A1 WITH BACKPLATE)	2.000	EACH
730-02.32	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (150 A4H WITH BACKPLATE)	1.000	EACH
730-02.33	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A2 WITH BACKPLATE)	1.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	1.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	2.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	115.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,310.000	L.F.
730-08.30	INTERCONNECT CABLE (COPPER-TWISTED PAIR)	535.000	L.F.
730-09.20	SPAN WIRE ASSEMBLY	835.000	L.F.
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	835.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	600.000	L.F.
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (RADAR- STOP LINE)	7.000	EACH
730-13.09	VEHICLE DETECTOR (DESCRIPTION) (RADAR- ADVANCE)	6.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	2.000	EACH
730-16.04	CONTROLLER (ATC)	2.000	EACH
740-06.01	GEOMEMBRANE	275.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	18,242.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	34,593.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	18,321.000	L.F.
801-01	SEEDING (WITH MULCH)	1,092.000	UNIT
801-01.02	CROWN VETCH MIXTURE (WITH MULCH)	11.000	UNIT
801-01.06	SEEDING (SPECIAL MIXTURE)	26.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	3,030.000	UNIT

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-01.30	COVER CROP SEED MIX (RIPZN/FLPL) W/MULCH	14.000	UNIT
801-01.65	TEMPORARY MULCH	6,000.000	UNIT
801-02.01	CROWN VETCH MIXTURE (WITHOUT MULCH)	95.000	UNIT
801-02.15	FERTILIZER	78.000	TON
801-03	WATER (SEEDING & SODDING)	2,098.000	M.G.
801-07	SEED (SUPPLEMENTAL APPLICATION)	1,884.000	LB.
801-07.01	CROWN VETCH SEED (SUPPLEMENTAL APPLICATION)	19.000	LB.
801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	15.000	TON
802-11.01	ACER NEGUNDO (BOX ELDER 2-5FT CNTNR GRWN)	120.000	EACH
802-11.03	ACER SACCHARINUM (SILVER MAPLE 2-5FT CNTNR GRWN)	44.000	EACH
802-11.04	ACER SACCHARUM (SUGAR MAPLE 2-5FT CNTNR GRWN)	120.000	EACH
802-11.15	FAGUS GRANDIFOLIA (BEECH 2-5FT CNTNR GRWN)	67.000	EACH
802-11.19	LIRIODENDRON TULIPIFERA (TULIP POPLAR 2-5FT CNTNR GRWN)	20.000	EACH
802-11.26	PLATANUS OCCIDENTALIS (SYCAMORE 2-5FT CNTNR GRWN)	106.000	EACH
802-11.27	POPULUS DELTOIDES (COTTONWOOD 2-5FT CNTNR GRWN)	97.000	EACH
802-11.37	QUERCUS PALUSTRIS (PIN OAK 2-5FT CNTNR GRWN)	86.000	EACH
802-11.39	QUERCUS RUBRA (NORTHERN RED OAK 2-5FT CNTNR GRWN)	111.000	EACH
802-12.12	CORNUS FLORIDA (FLOWERING DOGWOOD SEEDLNG B.R.)	55.000	EACH
802-12.40	SALIX NIGRA (BLACK WILLOW SEEDLNG B.R.)	417.000	EACH
802-13.14	CALLICARPA AMERICANA (AMRCN BEAUTYBERRY) 2-5FT C.G.	55.000	EACH
803-01	SODDING (NEW SOD)	96,816.000	S.Y.
805-12.01	EROSION CONTROL BLANKET (TYPE I)	6,188.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	2,685.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	1,541.000	S.Y.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
806-02.03	PROJECT MOWING	22.000	CYCL
202-04.50	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BRIDGE, STA. 189+02)	(1)	LS
202-04.51	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (10'X6' RCBC, STA. 196+64)	(1)	LS
202-04.52	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (3'X3' RCBC, STA. 246+48)	(1)	LS
202-04.53	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (8'X6' RCBC, STA. 246+91)	(1)	LS
202-04.54	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BRIDGE, STA. 312+83)	(1)	LS
202-04.55	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (4'X3' RCBC, STA. 355+39)	(1)	LS
202-04.56	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (5'X4' RCBC, STA. 402+78)	(1)	LS
203-08	CHANNEL EXCAVATION (UNCLASSIFIED)	533.000	C.Y.
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	3,742.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	733,042.000	LB.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EXIST. BR. NO. 94-SR096-16.76)	(1)	LS
202-04.02	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EXIST. BR. NO. 94-SR096-19.46)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	1,142.000	C.Y.
204-03.01	WET EXCAVATION (BRIDGES)	168.000	C.Y.
204-04.01	ROCK EXCAVATION (BRIDGES)	74.000	C.Y.
204-05	ROCK DRILLING (BRIDGES)	180.000	L.F.
204-10.01	FOUNDATION PREPARATION(PR NO. ,STA ) (PIER NO. 1, STA. 191+02.87)	(1)	LS
204-10.02	FOUNDATION PREPARATION(PR NO. ,STA ) (PIER NO. 2, STA. 191+42.28)	(1)	LS
303-01.02	GRANULAR BACKFILL (BRIDGES)	116.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	229,382.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	1,009.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	152,277.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	878.000	S.Y.

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-03.32	CLASS DS CONCRETE	951.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	2,952.000	S.Y.
604-04.41	THREE STAR STATE EMBLEM	4.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	4,082.000	S.Y.
606-02.03	STEEL PILES (10 INCH)	1,375.000	L.F.
606-02.06	PILE TIPS (STEEL PILES, 10 INCH)	64.000	EACH
610-10.04	DRAINAGE SYSTEM - BRIDGE DECK(DESCRIPTION) (CLOSED SYSTEM OVER RAILROAD)	(1)	LS
610-10.45	DECK DRAINS (DESCRIPTION) (GRATE INLET)	10.000	EACH
615-01.10	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-54)	2,068.000	L.F.
615-02.19	PRESTRESSED CONCRETE BOX BEAM (24" X 36")	910.000	L.F.
617-02	BRIDGE DECK CRACK SEALING	456.000	L.F.
617-05	SEALANT (DESCRIPTION) (HMWM)	3.000	GAL.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	832.000	L.F.
707-07.01	CHAIN-LINK FENCE (BRIDGES)	3,035.000	S.F.
709-04	REINFORCED CONCRETE SLOPE PAVEMENT	268.000	C.Y.
710-06.11	LATERAL UNDERDRAIN ENDWALL (2:1)	2.000	EACH
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	481.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	61.000	L.F.
790-02.01	POLE 35FT CLASS 2 WOOD	2.000	EACH
790-03.01	POLE 40FT CLASS 2 WOOD	6.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	1.000	EACH
790-04.02	POLE 45FT CLASS 2 WOOD	14.000	EACH
790-04.04	POLE 45FT CLASS 4 WOOD	1.000	EACH
790-05.02	POLE 50FT CLASS 2 WOOD	4.000	EACH
790-05.09	POLE 50FT CLASS H3 METAL	75.000	EACH
790-05.17	POLE 50FT CLASS H4 METAL	1.000	EACH
790-06.02	POLE 55FT CLASS 2 WOOD	1.000	EACH
790-06.08	POLE 55FT CLASS H2 METAL	1.000	EACH

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<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-06.09	POLE 55FT CLASS H3 METAL	15.000	EACH
790-07.09	POLE 60FT CLASS H3 METAL	6.000	EACH
790-08.05	POLE 65FT CLASS H3 METAL	4.000	EACH
790-08.06	POLE 65FT CLASS H4 METAL	2.000	EACH
790-09.07	POLE 70FT CLASS H4 METAL	2.000	EACH
790-22.01	1PH SGL PRIMARY SUPPORT 25KV	8.000	EACH
790-22.07	1PH DBL PTS ANGLE 25KV	3.000	EACH
790-22.11	1PH DDE ANGLE 25KV	5.000	EACH
790-22.13	1PH DEAD END 25KV	10.000	EACH
790-22.14	1PH DEAD END TAP 25KV	1.000	EACH
790-22.15	1PH DEAD END TAP W/ EXTENSION 25KV	36.000	EACH
790-22.16	1PH DDE TANGENT 25KV	1.000	EACH
790-26.02	3PH CROSSARM DBL LRG COND 25KV	1.000	EACH
790-26.06	3PH CROSSARM SGL FBRGLS DBL PRIM SUP 25KV	7.000	EACH
790-26.16	3PH XARM FBRGLS LRG COND MED ANGLE 25KV	23.000	EACH
790-26.20	3PH VERTICAL ANGLE LRG COND 25KV	7.000	EACH
790-26.22	3PH VERTICAL DDE ANGLE LRG COND 25KV	4.000	EACH
790-26.24	3PH VERTICAL DEAD END LRG COND 25KV	10.000	EACH
790-26.26	3PH CROSSARM DEAD END 25KV	2.000	EACH
790-26.28	3PH DBL 10FT XARM DDE 25KV	1.000	EACH
790-26.37	3PH XARM DBL 10FT LG COND NOX SM ANG 25KV	5.000	EACH
790-30.03	SECONDARY ASSEMBLIES DEADEND	2.000	EACH
790-30.04	SECONDARY ASSEMBLIES MISC	4.000	EACH
790-31.02	SERVICE ASSEMBLY-POLE TYPE	27.000	EACH
790-31.11	SERVICE CONDUCTOR 2 AL TRIPLEX	275.000	L.F.
790-31.12	SERVICE CONDUCTOR 1/0 AL TRIPLEX	830.000	L.F.
790-31.15	SERVICE CONDUCTOR 4/0 AL TRIPLEX	100.000	L.F.
790-31.23	SERVICE CONDUCTOR 4/0 AL QPLEX	145.000	L.F.
790-32.01	DOWN GUY - THROUGH BOLT TYPE	34.000	EACH
790-32.07	OH GUY - THROUGH BOLT TYPE	9.000	EACH



**Contract ID CNU032 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-32.19	DN GUY HVY CONST - 1 PREFORM	8.000	EACH
790-33.16	ROCK ANCHOR TRIPLE EYE	3.000	EACH
790-33.19	ROCK ANCHOR TRIPLE EYE 53IN EXPANDING	2.000	EACH
790-33.20	ANCHOR TRIPLE EYE POWER INSTALLED	5.000	EACH
790-33.21	ANCHOR TWIN EYE POWER INSTALLED	101.000	EACH
790-36.13	TRANSFER STREET LIGHT	1.000	EACH
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	900.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	22,785.000	L.F.
790-40.09	OH COND 336.4 18/1 ACSR MERLIN	2,460.000	L.F.
790-40.49	OH COND 795 37 AAC ARBUTUS	65,895.000	L.F.
790-40.73	OH PRI COND _____ (2 6/1 ACSR SPARROW)	11,508.000	L.F.
790-41.12	UG PRI COND 1 AL 25KV	290.000	L.F.
790-41.46	UG SEC COND 1/0 AL TPLX	110.000	L.F.
790-41.51	UG SEC COND 350 AL TPLX	50.000	L.F.
790-43.17	LOADBREAK ELBOW 200A 25KV	1.000	EACH
790-43.26	SPLICE 200A 25KV	5.000	EACH
790-43.27	OUTDOOR TERMINATOR URD 25KV	1.000	EACH
790-43.46	SECONDARY PULLBOX LARGE	2.000	EACH
790-43.47	PRIMARY PULLBOX	3.000	EACH
790-43.50	SECONDARY RISER W/ 2IN CONDUIT	1.000	EACH
790-43.51	SECONDARY RISER W/ 3IN CONDUIT	9.000	EACH
790-43.60	PRIMARY RISER (DESCRIPTION) (4IN CONDUIT)	1.000	EACH
790-49.02	3PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	1.000	EACH
790-59.03	CUTOUT KNIFE SWITCH-SNGL LOADBREAK 25KV	18.000	EACH
790-59.05	GOLB SWITCH 25KV	1.000	EACH
790-61.02	1PH FUSE CUTOUT BRKT MOUNT 25KV	6.000	EACH
790-61.10	3PH SECTLR OR RECL W/ BYPASS SW 25KV	1.000	EACH
790-63.17	3PH TYPE SDR ELECTRONIC RECLOSER 25KV	1.000	EACH
790-65.05	LIGHTNING ARRESTER ARM MTD 18 KV	24.000	EACH

**Contract ID CNU032 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-65.07	LIGHTNING ARRESTOR 18KV INTERMEDIATE	7.000	EACH
790-68.13	SGL PHASE MOUNTING BRACKET - FIBERGLASS	16.000	EACH
790-69.03	10FT DBL CROSSARM	2.000	EACH
790-69.06	HARDWARE FOR SGL PH CONV TRANS	2.000	EACH
790-69.08	GROUND-GROUND ROD	19.000	EACH
790-69.12	GROUND ASSEMBLY GROUND PLATE TYPE	104.000	EACH
790-69.22	POLE TOP PIN	5.000	EACH
790-69.26	EXTENSION LINK - EPOXY -1FT	3.000	EACH
790-69.27	EXTENSION LINK - EPOXY -4FT	10.000	EACH
790-69.28	EXTENSION LINK - EPOXY -6FT	38.000	EACH
790-69.31	STICK PIN	3.000	EACH
790-69.32	ARM PIN	8.000	EACH
790-69.33	DEADEND ASSEMBLY	1.000	EACH
790-70.11	STREET LIGHT - HPS (DESCRIPTION) (M29-250)	3.000	EACH
790-70.20	STREET LIGHT (DESCRIPTION) (M26-400)	1.000	EACH
790-70.22	STREET LIGHT (DESCRIPTION) (M29-75-LED)	1.000	EACH
790-98.01	REMOVE WIRE	114,562.000	L.F.
790-98.02	REMOVE POLES	120.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	744.000	EACH
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
791-01.04	4IN STEEL GAS MAIN	6,400.000	L.F.
791-03.04	4IN HDPE GAS MAIN	410.000	L.F.
791-04.04	HDD 4IN PE PIPE - UNCONSOLIDATED	300.000	L.F.
791-05.10	BORE/JACK 8IN - STEEL CASING PIPE - UNCON.	180.000	L.F.
791-06.03	CONNECT TO 4IN EX. PE MAIN	1.000	EACH
791-06.32	CONNECT TO 4IN EX. STL MAIN W/ STOPPLE	6.000	EACH
791-07.10	4IN STEEL GAS VALVE ASSEMBLY	8.000	EACH
791-08.02	3/4IN SERVICE ASSEMBLY	1.000	EACH
791-08.07	3/4IN PE SERVICE PIPE	358.000	L.F.
791-08.12	3/4IN STEEL SERVICE PIPE	50.000	L.F.

**Contract ID CNU032 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
791-08.17	HDD 3/4IN PE SERVICE PIPE	358.000	L.F.
791-09.04	REGULATOR STATION	1.000	EACH
791-09.05	RESTORE ASPHALT	5.000	S.Y.
791-09.06	RESTORE CONCRETE	10.000	S.Y.
791-10.01	RETIRE IN PLACE 3/4IN SERV CUT & PLUG	1.000	EACH
791-10.05	RETIRE IN PLACE 4IN SERV CUT & PLUG	6.000	EACH
793-01.08	POLE 35FT CLASS 5 WOOD	13.000	EACH
793-01.41	ANCHOR 1IN	70.000	EACH
793-11.17	COMPOSITE HANDHOLE 5FTX3FTX3FT	1.000	EACH
793-13.07	4IN SCHEDULE 40 PVC	1,837.000	L.F.
793-13.11	1 DUCT FORMATION @ 24IN DEPTH	301.000	L.F.
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	88.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	724.000	L.F.
793-14.19	4IN SCH 80 ORANGE FLEXPipe	836.000	L.F.
793-16.04	DIRECTIONAL BORE 4IN/FLEX SLEEVE	836.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	31.000	EACH
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	910.000	L.F.
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	279.000	L.F.
795-01.13	16IN DIP RESTRAINED JOINT WATER LINE	2,133.000	L.F.
795-01.15	18IN DIP RESTRAINED JOINT WATER LINE	1,032.000	L.F.
795-01.19	24IN DIP RESTRAINED JOINT WATER LINE	358.000	L.F.
795-06.05	CONNECT TO 8IN WATER LINE	10.000	EACH
795-06.09	CONNECT TO 16IN WATER LINE	4.000	EACH
795-06.10	CONNECT TO 18IN WATER LINE	11.000	EACH
795-06.34	CUT AND CAP 8IN WATER LINE	2.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	1.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	1.000	EACH
795-08.14	16IN GATE VALVE ASSEMBLY	6.000	EACH
795-08.16	18IN GATE VALVE ASSEMBLY	4.000	EACH
795-08.20	24IN GATE VALVE ASSEMBLY	1.000	EACH

**Contract ID CNU032 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-09.01	3/4IN WATER SERVICE METER ASSEMBLY	81.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	81.000	EACH
795-09.35	(TI) OF 3IN PVC CASING FOR SERVICE PIPE-UNCON	11,988.000	L.F.
795-09.37	3/4IN SERVICE PIPE	15,263.000	L.F.
795-11.04	RELOCATE FIRE HYDRANT	1.000	EACH
795-11.12	RETIRE IN PLACE EXISTING WATER MAIN	4,367.000	L.F.
795-12.08	REMOVE WATER METER	81.000	EACH
795-13.01	DI FITTINGS	9,500.000	LB.
795-15.05	20IN STEEL CASING PIPE OPEN CUT METHOD	720.000	L.F.
795-15.07	24IN STEEL CASING PIPE OPEN CUT METHOD	225.000	L.F.
795-15.10	30IN STEEL CASING PIPE OPEN CUT METHOD	249.000	L.F.
795-15.11	36IN STEEL CASING PIPE OPEN CUT METHOD	198.000	L.F.
203-06	WATER	7,667.000	M.G.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	254,852.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	700.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	2,302.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	31,872.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	40,489.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	26,369.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	446.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	1,563.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	167.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	4,440.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	2,837.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	14,697.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	996.000	S.Y.
701-02	CONCRETE DRIVEWAY	19,949.000	S.F.
203-06	WATER	7,690.000	M.G.

**Contract ID CNU032 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	190,832.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	700.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	2,302.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	31,872.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	40,489.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	26,369.000	TON
309-01.01	MINERAL AGGREGATE (A-CBC)	62,595.000	TON
309-01.02	PORTLAND CEMENT (A-CBC)	2,417.000	TON
309-02	BITUMINOUS MATERIAL (A-CBC)	202.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	449.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	1,574.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	167.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	4,440.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	2,837.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	14,697.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	996.000	S.Y.
701-02	CONCRETE DRIVEWAY	19,949.000	S.F.

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

**Contract ID CNU272 - WILLIAMSON**

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**Contract ID:** CNU272

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 94096-4102-04

NA

**Counties:** WILLIAMSON

**District:**

**DBE Goal Percent:**

**Description:** The installation of an overhead sign structure on I-65 SB at L.M. 8.8 (Exit 61).

**Contract Time:** DT - 1/31/2021

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
712-01.03	LANE CLOSURE(NIGHT WORK)	10.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	180.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	100.000	HOUR
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	1.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
713-17.80	RELOCATE EXISTING OVERHEAD SIGN STRUCTURE (SN ) (94I065S0873)	(1)	LS
713-30.01	ERECT OVERHEAD SIGN TRUSS	1.000	EACH
713-30.03	OVERHEAD SIGN SUPPORT FOOTING	23.000	C.Y.
713-30.04	VERTICAL OVERHEAD SIGN SUPPORT	24.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU259 - WILSON**

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**Contract ID:** CNU259

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 95840-4117-04

NH-I-840(17)

**Counties:** WILSON

**District:**

**DBE Goal Percent:** 7.50

**Description:** The installation of an overhead sign structure on I-840 WB at L.M. 10.99 (Exit 76B).

**Contract Time:** DT - 1/31/2021

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
712-01.03	LANE CLOSURE(NIGHT WORK)	10.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	180.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	100.000	HOUR
713-09.20	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 94'+/-)	1.000	EACH
713-14	EXTRUDED ALUMINUM PANEL SIGNS	175.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	1.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNU266 - WILSON**

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**Contract ID:** CNU266

**Letting Date:** June 26, 2020 10:00 AM

**Projects:** 95100-4114-04

NA

**Counties:** WILSON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridges on I-40 over Spring Creek (L.M. 18.61).

**Contract Time:** DT - 2/28/2021

Item No.	Description	Quantity	Units
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
204-04.01	ROCK EXCAVATION (BRIDGES)	8.000	C.Y.
204-05	ROCK DRILLING (BRIDGES)	48.000	L.F.
204-11	BRIDGE EXCAVATION (UNCLASSIFIED)	60.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	570.000	L.F.
209-09.04	SEDIMENT FILTER BAG(15' X 10')	4.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	400.000	L.F.
303-10.01	MINERAL AGGREGATE (SIZE 57)	12.000	TON
604-03.01	CLASS A CONCRETE (BRIDGES)	56.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	11,801.000	LB.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	150.000	S.Y.
604-10.05	CONCRETE	123.000	S.F.
604-10.26	BRACING	16.000	EACH
604-10.54	CONCRETE REPAIRS	50.000	S.F.
604-10.58	EPOXY INJECTION (INJECTION)	1.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	15.000	L.F.
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	450.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	925.000	L.F.



**Contract ID CNU266 - WILSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	26.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	32.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	26.000	EACH
712-06	SIGNS (CONSTRUCTION)	288.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	2,500.000	L.F.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	255.000	S.Y.

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

