

## Estimated Quantities -- Letting October 08, 2021

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

**Contract ID CNV913 - DAVIDSON**

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**Contract ID:** CNV913

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 19018-4222-04

NA

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:**

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

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

Item No.	Description	Quantity	Units
202-04.02	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (CONCRETE WALL)	(1)	LS
209-65.01	TEMPORARY STREAM DIVERSION (DESCRIPTION) (CULVERT)	(1)	LS
602-02.01	STRUCTURAL STEEL (LOCATION & DESCRIPTION) (WINGWALL BRACKET)	2,438.000	LB.
602-02.10	STRUCTURAL STEEL (LOCATION & DESCRIPTION) (INSTALLATION OF WINGWALL BRACKET)	(1)	LS
602-10.05	BRACING REPAIRS	(1)	LS
604-01.20	BOX TUBE SAFETY RAIL	15.000	L.F.
604-10.17	NON-PENETRATING CONCRETE SEAL	261.000	S.Y.
604-10.54	CONCRETE REPAIRS	368.000	S.F.
606-24.10	SHEET PILES	63.000	S.F.
607-37.30	12IN CORRUGATED METAL PIPE CULVERT	2.000	L.F.
701-01.10	CONCRETE SIDEWALK (DESCRIPTION)	85.000	S.F.
701-02.03	CONCRETE CURB RAMP	60.000	S.F.
702-01	CONCRETE CURB	1.000	C.Y.
709-05.06	MACHINED RIP-RAP (CLASS A-1)	10.000	TON

**Contract ID CNV913 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	150.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	13.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	10.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	5.000	EACH
712-06	SIGNS (CONSTRUCTION)	232.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	40.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	1.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	345.000	L.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	1.000	EACH
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	1.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	3.000	EACH
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	345.000	L.F.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	4.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.090	L.M.
717-01	MOBILIZATION	(1)	LS
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	400.000	L.F.
801-01	SEEDING (WITH MULCH)	1.000	UNIT

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

**Contract ID CNV912 - MARION**

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**Contract ID:** CNV912

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 58100-3176-14

NH-I-24-2(167)

58100-3177-14

NH-I-24-2(168)

58100-3178-14

NH-I-24-2(171)

58100-3181-14

NH-I-24-2(169)

**Counties:** MARION

**District:**

**DBE Goal Percent:** 4.50

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

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

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

**Contract ID CNV912 - MARION**

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

**Contract ID CNV912 - MARION**

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

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

**Contract ID CNV911 - SHELBY**

**Contract ID:** CNV911

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 79028-3274-94  
79028-3275-94  
79028-8274-14  
79028-8275-14

NH/HSIP-57(86)  
STP/HSIP-57(87)  
NH/HSIP-57(86)  
STP/HSIP-57(87)

**Counties:** SHELBY

**District:**

**DBE Goal Percent:** 6.00

**Description:** The resurfacing on S.R. 57 from S.R. 14 (L.M. 0.00) to Poplar Avenue (L.M. 1.20).

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

Item No.	Description	Quantity	Units
202-03.01	REMOVAL OF ASPHALT PAVEMENT	667.000	S.Y.
203-06	WATER	4.000	M.G.
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D)	452.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	184.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	123.000	TON
403-02.01	TRACKLESS TACK COAT	29.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	4,523.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	4,125.000	TON
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	35.000	EACH
701-01.01	CONCRETE SIDEWALK (4 ")	1,150.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	6,042.000	S.F.
701-02.06	DETECTABLE WARNING SURFACE (REHABILITATION)	10.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	1,862.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH

**Contract ID CNV911 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	1,246.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	730.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	38.000	EACH
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	1,354.000	L.F.
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	731.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	19.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	1.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	6.225	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	6.225	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	534.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	2.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	2.000	EACH
730-12.01	CONDUIT 1" DIAMETER (PVC)	120.000	L.F.
730-14.01	SHIELDED DETECTOR CABLE	60.000	L.F.
730-14.02	SAW SLOT	2,446.000	L.F.
730-14.03	LOOP WIRE	5,644.000	L.F.

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

**Contract ID CNV910 - SHELBY**

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**Contract ID:** CNV910

**Letting Date:** October 08, 2021 10:00 AM

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

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

**Counties:** SHELBY

**District:**

**DBE Goal Percent:** 6.50

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

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
202-03.01	REMOVAL OF ASPHALT PAVEMENT	4,043.000	S.Y.
203-06	WATER	21.000	M.G.
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (C OR D)	2,736.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	1,860.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	58.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	8,734.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	8,454.000	TON
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	26.000	EACH
701-01.01	CONCRETE SIDEWALK (4 ")	1,325.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	7,089.000	S.F.
701-02.03	CONCRETE CURB RAMP	228.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-06	SIGNS (CONSTRUCTION)	2,081.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	60.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
713-02.21	SIGN POST DELINEATION ENHANCEMENT	20.000	L.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	1.000	EACH



**Contract ID CNV910 - SHELBY**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-16.09	RAILROAD ADVANCE WARNING SIGN AND SUPPORT	1.000	EACH
713-16.20	SIGNS (DESCRIPTION) (GRADE CROSSING ADVANCE WARNING SIGN (W10-2)	1.000	EACH
713-16.21	SIGNS (DESCRIPTION) (GRADE CROSSING ADVANCE WARNING SIGN (W10-3)	2.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	3,689.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	85.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,844.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	56.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	19.000	EACH
716-03.02	PLASTIC WORD PAVEMENT MARKING (RXR)	5.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	15.701	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	15.701	L.M.
717-01	MOBILIZATION	(1)	LS
730-03.20	INSTALL PULL BOX (TYPE A)	11.000	EACH
730-12.01	CONDUIT 1" DIAMETER (PVC)	290.000	L.F.
730-14.01	SHIELDED DETECTOR CABLE	200.000	L.F.
730-14.02	SAW SLOT	8,486.000	L.F.
730-14.03	LOOP WIRE	17,693.000	L.F.
730-26.02	PEDESTRIAN PUSHBUTTON WITH 12" SIGN	9.000	EACH
730-26.12	PEDESTRIAN PUSHBUTTON HORIZONTAL EXTENSION	4.000	EACH

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

**Contract ID CNV297 - ANDERSON , BLOUNT, ETC.**

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**Contract ID:** CNV297

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 98101-4117-04

NA

98101-4118-04

NA

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

**District:**

**DBE Goal Percent:**

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

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.11	CLEAN DRAIN(WITH GRATE)	1,527.000	EACH
611-07.12	CLEAN DRAIN(WALL DRAIN)	141.000	EACH
611-07.13	PIPE CLEANING (<18IN DIA.)	1,500.000	L.F.
611-07.14	PIPE CLEANING (>OR=18IN DIA.)	250.000	L.F.
712-01.02	LANE CLOSURE	60.000	EACH
719-01	SWEEPING	16,001.000	L.M.

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

**Contract ID CNV299 - BENTON , CARROLL, ETC.**

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**Contract ID:** CNV299

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 98400-4183-04

NA

98400-4184-04

NA

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

**District:**

**DBE Goal Percent:**

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

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

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

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

**Contract ID CNV302 - BRADLEY , GRUNDY, ETC.**

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**Contract ID:** CNV302

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 98200-4180-04

NA

98200-4181-04

NA

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

**District:**

**DBE Goal Percent:**

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

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.10	CLEAN DRAIN (TRENCH DRAIN)	16,000.000	L.F.
611-07.11	CLEAN DRAIN(WITH GRATE)	800.000	EACH
611-07.12	CLEAN DRAIN(WALL DRAIN)	500.000	EACH
611-07.13	PIPE CLEANING (<18IN DIA.)	12,000.000	L.F.
611-07.14	PIPE CLEANING (>OR=18IN DIA.)	1,000.000	L.F.
712-01.02	LANE CLOSURE	100.000	EACH
719-01	SWEEPING	7,644.000	L.M.

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

**Contract ID CNV285 - CARROLL**

**Contract ID:** CNV285

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 09011-3231-94

HSIP-77(46)

**Counties:** CARROLL

**District:**

**DBE Goal Percent:** 3.00

**Description:** The miscellaneous safety improvements including resurfacing on U.S. 70A (S.R. 77) from U.S. 70A (S.R. 76, East Main Street) to near Bigham Lane (L.M. 0.00 to L.M. 4.00).

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

Item No.	Description	Quantity	Units
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	106.000	C.Y.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	215.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	25.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	3,718.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	3,696.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	84.000	L.F.
713-02.34	DELINEATORS (ALL)	18.000	EACH
713-11.01	"U" SECTION STEEL POSTS	228.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	954.000	LB.
713-11.21	P POST SLIP BASE	2.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	48.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	265.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	32.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	258.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	36.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	40.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	1.000	EACH

**Contract ID CNV285 - CARROLL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	7.000	S.F.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	5.900	L.M.
716-14.02	PROFILED THERMO PVMT MRKNG AUDIBLE (6IN)	7.300	L.M.
717-01	MOBILIZATION	(1)	LS
730-01.08	SCHOOL SPEED LIMIT FLASHING SIGNAL INSTALLED	2.000	EACH

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

**Contract ID CNV282 - CARROLL & GIBSON**

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**Contract ID:** CNV282

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 09009-3234-14

R-NH-76(65)

**Counties:** CARROLL, GIBSON

**District:**

**DBE Goal Percent:** 9.50

**Description:** The grading, drainage, construction of a concrete box bridge, noise wall and paving on U.S. 79 (S.R. 76) from west of Cades-Atwood Road in Gibson County to east of S.R. 77 in Carroll County.

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	5,680.000	HOURL
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	1,130,118.000	C.Y.
203-03.10	SELECT GRANULAR MATERIAL	364,020.000	TON
203-04	PLACING AND SPREADING TOPSOIL	66,598.000	C.Y.
203-06	WATER	21,680.000	M.G.
203-08	CHANNEL EXCAVATION (UNCLASSIFIED)	4,321.000	C.Y.
203-08.50	SEDIMENT BASIN EXCAVATION (COMMON)	13,672.000	C.Y.
203-15.03	COMPACTED CLAY	115.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
204-08	FOUNDATION FILL MATERIAL	475.000	C.Y.
207-01.01	SUBGRADE CONSTRUCTION AND PREPARATION	20.000	STA.
208-01.05	BROOMING & DEGRASSING SHOULDERS	3.300	L.M.
208-02.01	DITCH (RIPRAP, SAND & PLASTIC SHEETING)	370.000	L.F.
209-02.05	12" TEMPORARY SLOPE DRAIN	900.000	L.F.
209-03.36	STREAM MITIGATION-STEP POOL	17.000	EACH
209-03.41	STREAM MITIGATION - BOULDER RIFFLE	250.000	L.F.

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-03.42	STREAM MITIGATION - LIVE BRUSH LAYERING	1,150.000	L.F.
209-03.47	STREAM MITIGATION - LONGITUDINAL STONE TOE (DESCRIP)	50.000	C.Y.
209-03.67	STREAM MITIGATION – WOOD TOE W/REINFORCED EARTH	217.000	L.F.
209-03.70	BERM DITCH WITH SIDE SLOPE DRAINAGE	12.000	EACH
209-05	SEDIMENT REMOVAL	4,565.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	214,200.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	109,380.000	L.F.
209-08.07	ROCK CHECK DAM	305.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	70.000	EACH
209-09.01	SANDBAGS	2,250.000	BAG
209-09.04	SEDIMENT FILTER BAG(15' X 10')	18.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	1,800.000	S.Y.
209-20.21	SEDIMENT POND OUTLET STRUCTURE (DESCR.) (SKIMMER TYPE WITH 1" ORIFICE)	(1)	LS
209-40.34	CATCH BASIN PROTECTION (TYPE E)	24.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	25.000	EACH
209-65.03	TEMPORARY DIVERSION CHANNEL	470.000	L.F.
209-65.04	TEMPORARY IN STREAM DIVERSION	210.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	238,879.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	21,745.000	TON
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (D)	2,500.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	470.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	25,760.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	28,021.000	TON
307-01.20	ASP. CONC. MIX(PG64-22) (BPMB-HM) GR. A-S	18,925.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	347.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	1,231.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	226.000	TON



**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	3,824.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	13,297.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	8.800	L.M.
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	7.500	L.M.
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	0.600	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	2,667.000	TON
604-01.01	CLASS A CONCRETE (ROADWAY)	1,586.000	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	296,020.000	LB.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	1,782.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	149.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	55.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	260.000	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	510.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	1,392.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	162.000	L.F.
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	36.000	L.F.
607-39.05	36" PIPE CULVERT (SIDE DRAIN)	62.000	L.F.
607-39.07	48" PIPE CULVERT (SIDE DRAIN)	75.000	L.F.
611-02.01	SPRING DRAIN BOX, TYPE 1	2.000	EACH
611-05.01	TRENCH DRAINS	35.000	L.F.
611-07.31	18IN ENDWALL (SIDE DRAIN)	85.000	EACH
611-07.32	24IN ENDWALL (SIDE DRAIN)	6.000	EACH
611-07.33	30IN ENDWALL (SIDE DRAIN)	2.000	EACH
611-07.34	36IN ENDWALL (SIDE DRAIN)	2.000	EACH
611-07.36	48IN ENDWALL (SIDE DRAIN)	2.000	EACH
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	7.000	EACH
611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	4.000	EACH
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	12.000	EACH

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	4.000	EACH
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.61	30IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.66	42IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.67	42IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.68	42IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.70	48IN ENDWALL (CROSS DRAIN) 4:1	5.000	EACH
611-07.71	48IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-07.73	18IN ENDWALL (MEDIAN DRAIN)	2.000	EACH
611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	16.000	EACH
611-38.02	CATCH BASINS, TYPE 38, > 4' - 8' DEPTH	2.000	EACH
611-39.01	CATCH BASINS, TYPE 39, 0' - 4' DEPTH	5.000	EACH
611-39.02	CATCH BASINS, TYPE 39, > 4' - 8' DEPTH	2.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	228.000	L.F.
621-03.03	24" TEMPORARY DRAINAGE PIPE	87.000	L.F.
621-03.05	36" TEMPORARY DRAINAGE PIPE	128.000	L.F.
621-03.07	48" TEMPORARY DRAINAGE PIPE	256.000	L.F.
621-03.11	72" TEMPORARY DRAINAGE PIPE	240.000	L.F.
705-01.04	METAL BEAM GUARD FENCE	50.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	3,233.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	16.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	6.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	27.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	1.000	EACH
706-06.03	RADIUS RAIL	317.000	L.F.
707-01.11	CHAIN LINK FENCE (6 FOOT)	44,860.000	L.F.
707-01.12	END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE 6')	147.000	EACH
707-04	WATER CROSSING	325.000	L.F.

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	44,880.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	149.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	842.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	5,765.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	3,439.000	TON
709-05.81	ROCK RIFFLES	(1)	LS
709-05.83	EMBEDDED RIPRAP	30.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	41,106.000	L.F.
710-05	LATERAL UNDERDRAIN	7,455.000	L.F.
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	80.000	EACH
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	80.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	80.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	1,450.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	2.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	385.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	100.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,617.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	940.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	3,120.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	2,723.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	7,157.000	LB.
713-11.04	SURFACE MNT BREAKAWAY BASE FOR SIGN POST	228.000	EACH
713-11.22	U POST SLIP BASE	61.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	2,414.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.20	SIGNS (DESCRIPTION) (PROTECTED AREA)	79.000	EACH
716-01.07	TEMPORARY RAISED PAVEMENT MARKER, YELLOW	90.000	EACH

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	134.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	771.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	126.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	271.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	292.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	10.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	137.000	L.F.
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	4,540.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	7.000	EACH
716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	8.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	1.600	L.M.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	10.100	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	28.700	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	1,400.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.900	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	11.100	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	14,886.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	202,700.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	650.000	L.F.
801-01	SEEDING (WITH MULCH)	350.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	3,220.000	UNIT
801-01.08	SEEDING (SPECIAL MIXTURE) WITH MULCH	736.000	UNIT
801-01.17	BONDED FIBER MATRIX HYDROMULCH (W/TEMPORARY SEED)	1,445.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	332.000	UNIT

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-02.08	TEMPORARY SEEDING (WITHOUT MULCH)	100.000	UNIT
801-03	WATER (SEEDING & SODDING)	3,916.000	M.G.
801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	8.000	TON
802-02.30	CUTTINGS: SALIX NIGRA (18IN-24IN LENGTH)	310.000	EACH
802-02.31	CUTTINGS: SALIX SERICEA (18IN-24IN)	310.000	EACH
802-02.32	CUTTINGS: CORNUS AMOMUM (18IN-24IN)	310.000	EACH
802-02.33	CUTTINGS: SAMBUCUS CANADENSIS (18IN-24IN)	310.000	EACH
802-12.07	BETULA NIGRA (RIVER BIRCH SEEDLNG B.R.)	191.000	EACH
802-12.14	DIOSPYROS VIRGINIANA (PERSIMMON SEEDLNG B.R.)	254.000	EACH
802-12.26	PLATANUS OCCIDENTALIS (SYCAMORE SEEDLNG B.R.)	630.000	EACH
802-12.37	QUERCUS PALUSTRIS (PIN OAK SEEDLNG B.R.)	630.000	EACH
802-12.38	QUERCUS PHELLOS (WILLOW OAK SEEDLNG B.R.)	630.000	EACH
802-12.55	CARYA LACINIOSA (SHELLBARK HICKORY SEEDLING B.R.)	630.000	EACH
802-13.51	ALNUS SERRULATA (HAZEL ALDER SDLNG BARE ROOT)	1,050.000	EACH
802-13.57	ILEX OPACA (AMERICAN HOLLY SDLNG BARE ROOT)	191.000	EACH
802-13.59	LINDERA BENZOIN (SPICEBUSH SDLNG BARE ROOT)	1,050.000	EACH
802-13.62	ILEX VERTICILLATA (CMMN WINTERBERRY SDLNG B.R.)	1,050.000	EACH
803-01	SODDING (NEW SOD)	380,800.000	S.Y.
805-12.01	EROSION CONTROL BLANKET (TYPE I)	4,500.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	4,500.000	S.Y.
805-12.05	TURF REINFORCEMENT MAT (CHANNEL LINER)	241.000	S.Y.
805-12.08	700 GRAM COIR FIBER EROSION BLANKET	3,200.000	S.Y.
806-02.03	PROJECT MOWING	6.000	CYCL
202-02.01	REMOVAL OF PIPE (SIZE ,STA.) (10' Ø CMP, STA. 55+25, CHURCH STREET)	37.000	L.F.
203-08	CHANNEL EXCAVATION (UNCLASSIFIED)	4,321.000	C.Y.

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	518.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	93,742.000	LB.
710-09.06	6" PERFORATED PIPE WITH STONE	260.000	L.F.
204-02.10	DRILLED CAISSON - EARTH (DESCRIPTION) (30")	330.000	L.F.
204-02.11	DRILLED CAISSON - EARTH (DESCRIPTION) (36")	18.000	L.F.
604-03.01	CLASS A CONCRETE (BRIDGES)	65.000	C.Y.
718-01.01	NOISE BARRIER (DESCRIPTION) (NOISE WALL)	3,356.000	S.F.
714-04.03	CONDUIT (DESCRIPTION) (1 1/2 INCH PVD, SCH 40)	40.000	L.F.
714-04.04	CONDUIT (DESCRIPTION) (1 1/2 INCH RIGID)	10.000	L.F.
714-05.46	WOOD POLE (DESCRIPTION)	1.000	EACH
730-05.02	SERVICE CABLE (2 CONDUCTOR, # 8 AWG)	40.000	L.F.
730-11.01	STEEL CONDUIT RISER ASSEMBLY	1.000	EACH
790-01.04	POLE 30FT CLASS 5 WOOD	2.000	EACH
790-02.04	POLE 35FT CLASS 5 WOOD	4.000	EACH
790-03.02	POLE 40FT CLASS 3 WOOD	6.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	6.000	EACH
790-04.03	POLE 45FT CLASS 3 WOOD	12.000	EACH
790-04.06	POLE 45FT CLASS 1 METAL	3.000	EACH
790-05.05	POLE 50FT CLASS 1 METAL	4.000	EACH
790-22.01	1PH SGL PRIMARY SUPPORT 25KV	3.000	EACH
790-22.07	1PH DBL PTS ANGLE 25KV	5.000	EACH
790-22.11	1PH DDE ANGLE 25KV	2.000	EACH
790-22.13	1PH DEAD END 25KV	16.000	EACH
790-26.12	3PH CROSSARM DBL SM ANGLE 25KV	6.000	EACH
790-26.13	3PH CROSSARM DBL SM ANGLE LRG COND 25KV	4.000	EACH
790-26.15	3PH XARM DBL 10FT LRG COND SM ANGLE 25KV	2.000	EACH
790-26.27	3PH CROSSARM DBL DDE 25KV	1.000	EACH
790-30.01	SECONDARY ASSEMBLIES SMALL ANGLE	1.000	EACH
790-30.02	SECONDARY ASSEMBLIES LRG ANGLE	2.000	EACH
790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	895.000	L.F.

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-30.14	SECONDARY CONDUCTOR 1/0 AL TRIPLEX	545.000	L.F.
790-31.01	SERVICE ASSEMBLY-HOUSE TYPE	2.000	EACH
790-31.02	SERVICE ASSEMBLY-POLE TYPE	20.000	EACH
790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	34.000	EACH
790-32.08	OH GUY - THROUGH BOLT TYPE HEAVY DUTY	4.000	EACH
790-32.23	GUY GUARD	21.000	EACH
790-33.04	SCREW TYPE ANCHOR 10,000LB-12,000LB	15.000	EACH
790-40.01	OH COND 4 7/1 ACSR SWANATE	664.000	L.F.
790-40.02	OH COND 2 7/1 ACSR SPARATE	7,893.000	L.F.
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	4,316.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	1,529.000	L.F.
790-40.09	OH COND 336.4 18/1 ACSR MERLIN	4,587.000	L.F.
790-46.01	1PH TRANSFORMER	12.000	EACH
790-52.04	15KVA 1PH OH XFORMER 7.2KV 120/240	4.000	EACH
790-52.06	25KVA 1PH OH XFORMER 7.2KV 120/240	8.000	EACH
790-68.01	POLE GROUND ROD TYPE	36.000	EACH
790-69.27	EXTENSION LINK - EPOXY -4FT	1.000	EACH
790-72.01	ANCHOR POWER SCREW	6.000	EACH
790-98.01	REMOVE WIRE	24,642.000	L.F.
790-98.02	REMOVE POLES	36.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	150.000	EACH
791-01.02	2IN STEEL GAS MAIN	5.000	L.F.
791-02.02	2IN MDPE GAS MAIN	5,508.000	L.F.
791-04.02	HDD 2IN PE PIPE - UNCONSOLIDATED	625.000	L.F.
791-05.51	4IN STEEL CASING OPEN CUT	295.000	L.F.
791-05.52	6IN STEEL CASING OPEN CUT	215.000	L.F.
791-05.53	8IN STEEL CASING OPEN CUT	625.000	L.F.
791-05.55	12IN STEEL CASING OPEN CUT	420.000	L.F.
791-05.58	16IN STEEL CASING OPEN CUT	285.000	L.F.
791-06.02	CONNECT TO 2IN EX. PE MAIN	8.000	EACH

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
791-06.31	CONNECT TO 2IN EX. STL MAIN W/ STOPPLE	1.000	EACH
791-08.02	3/4IN SERVICE ASSEMBLY	5.000	EACH
791-08.07	3/4IN PE SERVICE PIPE	1,007.000	L.F.
791-08.17	HDD 3/4IN PE SERVICE PIPE	400.000	L.F.
791-08.40	RECONNECT SERVICE ASSEMBLY	13.000	EACH
791-09.02	3-WIRE CATHODIC PROTECTION STATION	10.000	EACH
791-10.04	RETIRE IN PLACE 2IN SERV CUT & PLUG	5.000	EACH
791-10.06	RETIRE IN PLACE 6IN SERV CUT & PLUG	3.000	EACH
793-01.08	POLE 35FT CLASS 5 WOOD	2.000	EACH
793-01.39	ANCHOR 5/8IN	2.000	EACH
793-02.07	GUY WIRE 6.6M OR 1/4IN	2.000	EACH
793-03.02	6M STRAND	938.000	L.F.
793-03.12	50 PAIR CABLE	992.000	L.F.
793-04.02	2 PAIR AERIAL DROP	1,100.000	L.F.
793-04.07	AERIAL SPLICE CLOSURE	3.000	EACH
793-04.08	TRANSFER AERIAL CABLE	3.000	EACH
793-04.12	UNDERGROUND SPLICE CLOSURE	6.000	EACH
793-07.01	12 FIBER (MATERIAL ONLY)	548.000	L.F.
793-07.05	96 FIBER(MATERIAL ONLY)	3,248.000	L.F.
793-07.16	12-96 FIBER(INSTALLATION ONLY)	3,796.000	L.F.
793-07.31	SINGLE FIBER AERIAL DROP	2,200.000	L.F.
793-09.01	25 PAIR BURIED CABLE	286.000	L.F.
793-09.02	50 PAIR BURIED CABLE	165.000	L.F.
793-09.04	100 PAIR BURIED CABLE	100.000	L.F.
793-09.06	200 PAIR BURIED CABLE	132.000	L.F.
793-09.08	400 PAIR BURIED CABLE	44.000	L.F.
793-10.02	BURIED CABLE @ 36IN DEPTH	9,887.000	L.F.
793-11.04	6IN PEDESTAL	26.000	EACH
793-11.06	8IN PEDESTAL	6.000	EACH
793-11.08	10IN PEDESTAL	2.000	EACH



**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-11.13	BURIED RISER GUARD	5.000	EACH
793-11.19	MARKER POST	3.000	EACH
793-11.20	HANDHOLE 30INX48IN	7.000	EACH
793-12.02	REARRANGEMENT EXISTING CABLE	12.000	EACH
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	2,626.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	6,819.000	L.F.
793-14.19	4IN SCH 80 ORANGE FLEXPIPE	10.000	L.F.
793-98.01	REMOVE AERIAL CABLE AND WIRE	445.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	2.000	EACH
795-03.02	2IN PVC WATER LINE	1,050.000	L.F.
795-03.05	6IN PVC WATER LINE	1,990.000	L.F.
795-03.06	8IN PVC WATER LINE	2,350.000	L.F.
795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	4.000	EACH
795-08.01	2IN GATE VALVE ASSEMBLY	2.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	3.000	EACH
795-09.01	3/4IN WATER SERVICE METER ASSEMBLY	1.000	EACH
795-09.60	3/4IN PEXa SERVICE PIPE	1,510.000	L.F.
797-03.04	2IN PVC FORCE MAIN	100.000	L.F.
797-03.05	3IN PVC FORCE MAIN	750.000	L.F.
797-05.79	__IN PVC GRAVITY SEWER 0FT-6FT DEPTH (4 IN)	962.000	L.F.
797-05.80	__IN PVC GRAVITY SEWER 6FT-12FT DEPTH (4 IN)	1,612.000	L.F.
797-05.81	__IN PVC GRAVITY SEWER 12FT-18FT DEPTH (4 IN)	220.000	L.F.
797-07.02	48IN MANHOLE 4FT-6FT DEPTH	4.000	EACH
797-07.03	48IN MANHOLE 6FT-8FT DEPTH	2.000	EACH
797-07.04	48IN MANHOLE 8FT-10FT DEPTH	5.000	EACH
797-07.05	48IN MANHOLE 10FT-12FT DEPTH	5.000	EACH
797-07.06	48IN MANHOLE 12FT-14FT DEPTH	1.000	EACH
797-07.08	48IN MANHOLE 16FT-20FT DEPTH	1.000	EACH
797-07.56	MANHOLE DROP CONNECTION ASSEMBLY	1.000	EACH
797-08.20	CONNECT SERVICE LINES (ALL SIZES)	1.000	EACH

**Contract ID CNV282 - CARROLL & GIBSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
797-10.14	CONNECT TO 2IN FORCE MAIN	1.000	EACH
797-10.15	CONNECT TO 3IN FORCE MAIN	1.000	EACH
797-13.03	FIRE HYDRANT ASSEMBLY	2.000	EACH
920-10.04	(DESCRIPTION) (METER BOX)	19.000	EACH
920-11.04	(DESCRIPTION) (8IN GATE VALVE (CUTTING-IN)	2.000	EACH
920-12	(DESCRIPTION) (POW & CNTL WIRING-PANEL TO SEWER PUMP)	50.000	L.F.
920-12.04	(DESCRIPTION) (REMOVE EX. VALVE BOX (8IN CHECK VALVE)	1.000	EACH
920-13.04	(DESCRIPTION) (RELOC. CHECK V. (SET IN NEW VALVE BOX)	1.000	EACH
920-14.04	(DESCRIPTION) (SEAL ABAND. GRAV. LINE ENT. INTO W. WELL)	1.000	EACH
920-15.04	(DESCRIPTION) (RELOC. SEWER PUMP STA. CONTROL PANEL)	1.000	EACH

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

**Contract ID CNV296 - CARTER , SULLIVAN, ETC.**

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**Contract ID:** CNV296

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 98101-4116-04

NA

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

**District:**

**DBE Goal Percent:**

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

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
719-01	SWEEPING	1,521.000	L.M.

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

**Contract ID CNV261 - CHEATHAM**

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**Contract ID:** CNV261

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 11024-4238-04

NA

**Counties:** CHEATHAM

**District:**

**DBE Goal Percent:**

**Description:** The repair of bridges on S.R. 249 over Sam's Creek (L.M. 8.51 and L.M. 10.57).

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
201-01	CLEARING AND GRUBBING	(1)	LS
209-05	SEDIMENT REMOVAL	1.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	694.000	L.F.
209-09.03	SEDIMENT FILTER BAG (15' X 15')	2.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	188.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	14.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	17.643	TON
604-04.05	BRIDGE END DRAINS(SIZE) (12")	8.000	EACH
604-10.18	REINFORCING STEEL (REPAIRS)	855.180	LB.
604-10.42	CONCRETE REPAIRS	1,138.883	C.F.
604-12.15	DRILL & GROUT STEEL BARS	72.000	EACH
610-07.01	12" PIPE DRAIN (BRIDGE DRAIN)	200.000	L.F.
705-10.33	GUARDRAIL ATTACHMENT TO CONCRETE BRIDGERAIL	211.250	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	694.000	L.F.
709-01.02	RUBBLE STONE RIP-RAP	30.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-01.05	FLAGMAN	320.000	HOUR
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	60.000	EACH
712-06	SIGNS (CONSTRUCTION)	138.000	S.F.
717-01	MOBILIZATION	(1)	LS

**Contract ID CNV261 - CHEATHAM**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	35.322	S.Y.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	1.000	UNIT

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

**Contract ID CNV233 - COCKE**

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**Contract ID:** CNV233

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 15008-3231-14

NH-35(38)

**Counties:** COCKE

**District:**

**DBE Goal Percent:** 8.00

**Description:** The grading, drainage, construction of four (4) concrete Bulb-Tee beam bridges, signals and paving on U.S. 321 (S.R. 35) from U.S. 25 (U.S. 70, S.R. 9) to Saint Tide Hollow Road.

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
108-03	CPM PROJECT SCHEDULE	(1)	LS
109-10.01	TRAINEE	6,280.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NOS. 42 AND 42SS)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	1,343,064.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	158,000.000	TON
203-04	PLACING AND SPREADING TOPSOIL	92,471.000	C.Y.
203-05	UNDERCUTTING	24,000.000	C.Y.
203-06	WATER	3,635.000	M.G.
203-08	CHANNEL EXCAVATION (UNCLASSIFIED)	1,717.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
203-50.01	CONSTRUCTION OF HAUL ROAD	(1)	LS
204-08	FOUNDATION FILL MATERIAL	183.000	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	20.000	C.Y.
209-02.07	18" TEMPORARY SLOPE DRAIN	6,100.000	L.F.
209-05	SEDIMENT REMOVAL	5,500.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	50,000.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	75,000.000	L.F.
209-08.07	ROCK CHECK DAM	600.000	EACH

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-08.08	ENHANCED ROCK CHECK DAM	150.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	12.000	EACH
209-09.41	CURB INLET PROTECTION (TYPE 2)	12.000	EACH
209-09.42	CURB INLET PROTECTION (TYPE 3)	58.000	EACH
209-10.20	TEMPORARY SEDIMENT TRAP	700.000	C.Y.
209-13.04	TURBIDITY CURTAIN(DESCRIPTION) (BRIDGE 2, BENT 4, STA. 176+87.00)	330.000	L.F.
209-13.05	TURBIDITY CURTAIN(DESCRIPTION) (BRIDGE 2, BENT 5, STA. 178+12.00)	320.000	L.F.
209-13.06	TURBIDITY CURTAIN(DESCRIPTION) (BRIDGE 4, PIER 1, STA. 298+71.11)	320.000	L.F.
209-13.07	TURBIDITY CURTAIN(DESCRIPTION) (BRIDGE 4, PIER 2, STA. 300+00.36)	345.000	L.F.
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	3.000	EACH
209-65.03	TEMPORARY DIVERSION CHANNEL	1,000.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	174,935.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	2,126.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	6,860.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	3,403.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	3,346.000	TON
307-01.20	ASP. CONC. MIX(PG64-22) (BPMB-HM) GR. A-S	11,941.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	16,425.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	19,860.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	12,803.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	282.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	1,220.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	41.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	4,104.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	2,637.000	TON

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
411-02.10	ACS MIX(PG70-22) GRADING D	7,718.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	9.000	L.M.
415-01.03	COLD PLANING BITUMINOUS PAVEMENT	175.000	C.Y.
604-01.01	CLASS A CONCRETE (ROADWAY)	631.000	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	138,140.000	LB.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	3,384.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	1,414.000	L.F.
607-05.03	24" CONCRETE PIPE CULVERT (CLASS IV)	245.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	430.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	239.000	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	157.000	L.F.
607-11.02	60" CONCRETE PIPE CULVERT (CLASS II)	110.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	809.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	92.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	38.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	1,571.000	LB.
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	9.000	EACH
611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	5.000	EACH
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	3.000	EACH
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	9.000	EACH
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	5.000	EACH
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	2.000	EACH
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.61	30IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.62	30IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.64	36IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	8.000	EACH



**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	19.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	4.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	1.000	EACH
621-03.03	24" TEMPORARY DRAINAGE PIPE	500.000	L.F.
701-02	CONCRETE DRIVEWAY	3,196.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	365.000	C.Y.
705-04.03	GUARDRAIL TERMINAL (TYPE 13)	1.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	3,932.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	17.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	16.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	6.000	EACH
707-03.01	STOCK FENCE	24,000.000	L.F.
707-03.02	END, BRACED LINE, CORNER POST ASSEMBLY(STOCK FENCE)	120.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	16,210.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	262.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	2,051.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	10,855.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	5,714.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	6,932.000	TON
710-04	FILTER CLOTH UNDERDRAIN (WITH PIPE)	42,900.000	L.F.
710-05	LATERAL UNDERDRAIN	3,200.000	L.F.
710-06.11	LATERAL UNDERDRAIN ENDWALL (2:1)	10.000	EACH
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	10.000	EACH
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	10.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	130.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	2,600.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	500.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	272.000	EACH

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-05.03	WARNING LIGHTS (TYPE C)	250.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,349.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	2,720.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	8.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	10,000.000	HOUR
712-09.01	REMOVABLE PAVEMENT MARKING LINE	10,000.000	L.F.
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	1,000.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	300.000	L.F.
712-09.05	REMOVABLE PAVEMENT MARKING (ARROW)	10.000	EACH
712-09.30	REMOVABLE BLACK-OUT TAPE (6")	10,000.000	L.F.
712-09.31	REMOVABLE BLACK-OUT TAPE (8IN)	1,000.000	L.F.
712-12.10	TEMPORARY CURB W/FLEXIBLE DELINEATOR	5,000.000	L.F.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	4,406.000	LB.
713-02.14	FLEXIBLE DELINEATOR (WHITE)	225.000	EACH
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	450.000	EACH
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	6,396.000	LB.
713-11.21	P POST SLIP BASE	177.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	1,032.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	686.000	S.F.
713-14.22	STREET NAME SIGN (SUSPENDED 0.100IN THICK)	88.000	S.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	1.000	EACH
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	4.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	8.000	EACH
713-16.07	END OF ROADWAY SIGN AND SUPPORT	4.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	550.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	400.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	25.000	S.Y.

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	775.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	40.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	2.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	6.000	EACH
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	6.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	27.000	L.M.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	350.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	5.000	EACH
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	6.000	EACH
716-05.49	PAINTED PAVEMENT MARKINGS(8" LINE)	13.000	L.M.
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	20,000.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	27.000	L.M.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	2.000	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	2.000	L.M.
717-01	MOBILIZATION	(1)	LS
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	8.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	4.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130A2 WITH BACKPLATE)	3.000	EACH
730-03.20	INSTALL PULL BOX (TYPE A)	14.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	14.000	EACH
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	1.000	EACH
730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	2.000	EACH
730-03.32	FIBER OPTIC DROP CABLE	96.000	L.F.
730-03.33	FIBER OPTIC SPLICE FUSION	2.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	2.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	600.000	L.F.

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,249.000	L.F.
730-08.40	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (48 STRAND-SM)	1,557.000	L.F.
730-09.20	SPAN WIRE ASSEMBLY	1,273.000	L.F.
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	1,101.000	L.F.
730-12.01	CONDUIT 1" DIAMETER (PVC)	2,444.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	2,152.000	L.F.
730-13.03	VEHICLE DETECTOR (4 - CHANNEL, RACK MOUNT)	5.000	EACH
730-14.01	SHIELDED DETECTOR CABLE	7,651.000	L.F.
730-14.02	SAW SLOT	2,509.000	L.F.
730-14.03	LOOP WIRE	7,792.000	L.F.
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	2.000	EACH
730-16.04	CONTROLLER (ATC)	2.000	EACH
730-23.01	STEEL STRAIN POLE (SIGNAL SUPPORT)	8.000	EACH
730-35.06	BATTERY BACK-UP AND POWER CONDITIONER	2.000	EACH
740-07.04	GEOGRID REINFORCEMENT TYPE 2	10,838.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	16,123.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	156,902.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	150,000.000	L.F.
801-01	SEEDING (WITH MULCH)	2,995.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	1,000.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	1,000.000	UNIT
801-02.15	FERTILIZER	35.000	TON
801-03	WATER (SEEDING & SODDING)	240.000	M.G.
801-07	SEED (SUPPLEMENTAL APPLICATION)	5,166.000	LB.
802-02.30	CUTTINGS: SALIX NIGRA (18IN-24IN LENGTH)	9.000	EACH
802-11.01	ACER NEGUNDO (BOX ELDER 2-5FT CNTNR GRWN)	7.000	EACH
802-11.02	ACER RUBRUM (RED MAPLE 2-5FT CNTNR GRWN)	7.000	EACH
802-11.16	FRAXINUS PENNSYLVANICA (GREEN ASH 2-5FT CNTNR GRWN)	7.000	EACH

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
802-11.18	LIQUIDAMBER STYRACIFLUA (SWEETGUM 2-5FT CNTNR GRWN)	7.000	EACH
802-11.44	ULMUS AMERICANA (AMERICAN ELM 2-5FT CNTNR GRWN)	7.000	EACH
802-11.62	CORNUS ALTERNIFOLIA (ALTERNATE LEAF DGWOOD 2-5FT CNTNR GRWN)	7.000	EACH
802-13.03	CEPHALANTHUS OCCIDENTALIS (BUTTONBUSH 2-5FT CNTNR GRWN)	135.000	EACH
802-13.09	LINDERA BENZOIN (SPICEBUSH 2-5FT CNTNR GRWN)	135.000	EACH
802-13.28	AMORPHA FRUTICOSA (INDIGOBUSH 2-5 FT CNTNR GRWN)	135.000	EACH
802-15.01	ELEOCHARIS ACICULARIS (SLENDER SPIKERUSH)	135.000	EACH
802-15.03	ELEOCHARIS PALUSTRIS (CREEPING SPIKERUSH)	140.000	EACH
802-15.04	JUNCUS EFFUSUS (SOFT RUSH)	140.000	EACH
803-01	SODDING (NEW SOD)	82,617.000	S.Y.
806-02.03	PROJECT MOWING	20.000	CYCL
204-02.01	DRY EXCAVATION (BRIDGES)	1,973.000	C.Y.
204-03.01	WET EXCAVATION (BRIDGES)	3,914.000	C.Y.
204-04.01	ROCK EXCAVATION (BRIDGES)	219.000	C.Y.
204-05	ROCK DRILLING (BRIDGES)	444.000	L.F.
204-10.01	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO.1, STA. 151+97.50)	(1)	LS
204-10.02	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO.2, STA. 153+20.00)	(1)	LS
204-10.03	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO.3, STA. 154+42.50)	(1)	LS
204-10.04	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO.1, STA. 173+04.31)	(1)	LS
204-10.05	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO.2, STA. 174+49.31)	(1)	LS
204-10.06	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO.3, STA. 175+62.00)	(1)	LS
204-10.07	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO.4, STA. 176+87.00)	(1)	LS

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
204-10.08	FOUNDATION PREPARATION(PR NO. ,STA ) (BENT NO.5, STA. 178+12.00)	(1)	LS
204-10.09	FOUNDATION PREPARATION(PR NO. ,STA ) (PIER NO.1, STA. 298+71.11)	(1)	LS
204-10.10	FOUNDATION PREPARATION(PR NO. ,STA ) (PIER NO.2, STA. 300+00.36)	(1)	LS
204-14	CORE DRILLING FOR PILES(ROCK)	80.000	L.F.
204-15	CORE DRILLING FOR PILES(SOIL)	130.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	179.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	1,281,598.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	3,871.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	949,782.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	1,558.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	889.000	C.Y.
604-03.32	CLASS DS CONCRETE	3,139.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	25,278.000	S.Y.
604-04.41	THREE STAR STATE EMBLEM	16.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	15,136.000	S.Y.
606-03.03	STEEL PILES (12 INCH)	6,117.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	24.000	EACH
615-01.10	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-54)	1,470.000	L.F.
615-01.12	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-72)	12,765.000	L.F.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	4,130.000	L.F.
707-07.01	CHAIN-LINK FENCE (BRIDGES)	1,745.000	S.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	750.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	160.000	L.F.
725-02.79	FIBER SPLICE ENCLOSURE(DESCRIPTION) (NAP B)	9.000	EACH
725-02.80	FIBER SPLICE ENCLOSURE(DESCRIPTION) (NAP D)	13.000	EACH
725-23.21	FIBER OPTIC DROP CABLE (12 F)	2,011.000	L.F.

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
725-23.24	FIBER OPTIC DROP CABLE (DESCRIPTION) (SERVICE)	476.000	L.F.
725-23.27	FIBER OPTIC CLOSURE (DESCRIPTION) (NAP A)	2.000	EACH
790-01.04	POLE 30FT CLASS 5 WOOD	4.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	6.000	EACH
790-03.04	POLE 40FT CLASS 5 WOOD	2.000	EACH
790-04.07	POLE 45FT CLASS 2 METAL	11.000	EACH
790-05.02	POLE 50FT CLASS 2 WOOD	2.000	EACH
790-05.05	POLE 50FT CLASS 1 METAL	9.000	EACH
790-05.06	POLE 50FT CLASS 2 METAL	12.000	EACH
790-06.05	POLE 55 FT CLASS 1 METAL	9.000	EACH
790-07.05	POLE 60FT CLASS 1 METAL	6.000	EACH
790-07.07	POLE 60FT CLASS H1 METAL	1.000	EACH
790-10.05	POLE 75FT CLASS H2 METAL	1.000	EACH
790-11.05	POLE 80FT CLASS H2 METAL	3.000	EACH
790-12.05	POLE 85FT CLASS H2 METAL	3.000	EACH
790-13.05	POLE 90FT CLASS H2 METAL	2.000	EACH
790-13.06	POLE 90FT CLASS H3 METAL	1.000	EACH
790-20.01	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (40FT CLASS 4 METAL)	1.000	EACH
790-20.02	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (65FT CLASS 1 METAL)	2.000	EACH
790-20.03	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (65FT CLASS H1 METAL)	3.000	EACH
790-20.04	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (70FT CLASS H1 METAL)	3.000	EACH
790-20.05	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (75FT CLASS 1 METAL)	1.000	EACH
790-20.06	POLE(SPECIFY POLE LENGTH, CLASS, AND MATERIAL) (80FT CLASS H1 METAL)	2.000	EACH
790-21.01	1PH SGL PRIMARY SUPPORT 15KV	7.000	EACH
790-21.05	1PH DBL PRIMARY SUPPORT 15KV	4.000	EACH
790-21.07	1PH PRIMARY LG ANGLE 15KV	3.000	EACH

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-21.08	1PH DEADEND 15KV	3.000	EACH
790-21.09	1PH PRIMARY TAP 15KV	11.000	EACH
790-21.10	1PH VERTICAL DDE 15KV	13.000	EACH
790-25.01	3PH CROSSARM SGL 15KV	9.000	EACH
790-25.10	3PH CROSSARM DBL PRIM SUPPORT 15KV	8.000	EACH
790-25.17	3PH VERTICAL DEADEND LARGE ANGLE 15KV	1.000	EACH
790-25.21	3PH CROSSARM DEADEND SGL 15KV	13.000	EACH
790-25.23	3PH CROSSARM DDE 15KV	17.000	EACH
790-25.25	3PH CROSSARM DDE NARROW PROFILE 15KV	1.000	EACH
790-30.04	SECONDARY ASSEMBLIES MISC	2.000	EACH
790-30.06	SECONDARY CONDUCTOR 6 AL DUPLEX	1,649.000	L.F.
790-30.11	SECONDARY CONDUCTOR 6 AL TRIPLEX	347.000	L.F.
790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	522.000	L.F.
790-30.15	SECONDARY CONDUCTOR 2/0 AL TRIPLEX	26.000	L.F.
790-31.02	SERVICE ASSEMBLY-POLE TYPE	47.000	EACH
790-32.01	DOWN GUY - THROUGH BOLT TYPE	252.000	EACH
790-32.07	OH GUY - THROUGH BOLT TYPE	13.000	EACH
790-32.25	ANCHOR (DESCRIPTION) (SINGLE HELIX)	28.000	EACH
790-33.04	SCREW TYPE ANCHOR 10,000LB-12,000LB	117.000	EACH
790-40.02	OH COND 2 7/1 ACSR SPARATE	7,207.000	L.F.
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	5,422.000	L.F.
790-40.13	OH COND 397.5 26/7 ACSR IBIS	2,742.000	L.F.
790-40.26	OH COND 954 45/7 ACSR RAIL	3,060.000	L.F.
790-40.42	OH COND 336.4 19 AAC TULIP	6,050.000	L.F.
790-40.49	OH COND 795 37 AAC ARBUTUS	8,046.000	L.F.
790-40.76	OH STATIC COND _____ (3/8" H.S.S.)	1,934.000	L.F.
790-43.54	1PH PRIMARY RISER W/ 4IN CONDUIT	1.000	EACH
790-43.60	PRIMARY RISER (DESCRIPTION) (TP3S)	1.000	EACH
790-46.01	1PH TRANSFORMER	10.000	EACH



**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-58.03	CUTOUT KNIFE SWITCH, SNGL LOADBREAK 15KV	1.000	EACH
790-65.15	3PH CAPACITOR ASSEMBLY 15KV	1.000	EACH
790-68.10	MISCELLANEOUS ASSEMBLIES	8.000	EACH
790-69.28	EXTENSION LINK - EPOXY -6FT	25.000	EACH
790-70.20	STREET LIGHT (DESCRIPTION) (ALL)	6.000	EACH
790-70.21	STREET LIGHT (DESCRIPTION) (RENTAL LIGHT)	6.000	EACH
790-71.20	TANGENT HOR LN POSTS 69KV MAX	6.000	EACH
790-71.29	MED VERT ANG 69KV MAX	1.000	EACH
790-71.33	DDE LRG VERT ANG 69KV MAX	8.000	EACH
790-71.50	DDE 2 POLE 69KV MAX	1.000	EACH
790-74.05	24 FIBER(MATERIAL ONLY)	2,779.000	L.F.
790-74.08	96 FIBER(MATERIAL ONLY)	326.000	L.F.
790-74.13	288 FIBER(MATERIAL ONLY)	3,379.000	L.F.
790-74.31	FIBER TANGENT ASSEMBLY	21.000	EACH
790-74.32	FIBER DEADEND ASSEMBLY	17.000	EACH
790-74.33	FIBER DOUBLE DEADEND ASSEMBLY	25.000	EACH
790-74.34	FIBER STORAGE SINGLE LOOP	5.000	EACH
790-74.35	FIBER STORAGE DOUBLE LOOP	9.000	EACH
790-74.36	FIBER RISER	1.000	EACH
790-74.37	FIBER SERVICE ATTACHMENT	9.000	EACH
790-74.38	SCADA SERVICE ATTACHMENT	17.000	EACH
790-98.01	REMOVE WIRE	24,585.000	L.F.
790-98.02	REMOVE POLES	68.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	253.000	EACH
790-98.04	REMOVE FIBER OPTIC CABLE	8,370.000	L.F.
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
793-01.08	POLE 35FT CLASS 5 WOOD	1.000	EACH
793-01.12	POLE 40FT CLASS 4 WOOD	2.000	EACH
793-01.42	ANCHOR 1 1/4IN	28.000	EACH
793-11.19	MARKER POST	20.000	EACH

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-11.25	CONCRETE HANDHOLE 4FT X 4FT X 4FT	9.000	EACH
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	4,650.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	655.000	L.F.
793-13.27	4 DUCT FORMATION @ 36IN DEPTH	1,285.000	L.F.
793-14.02	CONCRETE ENCASEMENT PER DUCT	5,140.000	L.F.
793-14.10	4IN CORE DRILL INTO MANHOLE	1.000	EACH
793-14.14	MULTI DUCT	2,845.000	L.F.
793-98.04	REMOVE POLES ALL SIZES	4.000	EACH
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	760.000	L.F.
795-01.04	6IN DIP SLIP JOINT WATER LINE	890.000	L.F.
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	2,305.000	L.F.
795-01.06	8IN DIP SLIP JOINT WATER LINE	810.000	L.F.
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	1,055.000	L.F.
795-02.01	2IN HDPE WATER LINE	515.000	L.F.
795-03.02	2IN PVC WATER LINE	635.000	L.F.
795-05.60	BORE/JACK 6IN STEEL CASING PIPE-UNCON.	90.000	L.F.
795-05.65	BORE/JACK 16IN STEEL CASING PIPE-UNCON.	85.000	L.F.
795-06.01	CONNECT TO 2IN WATER LINE	5.000	EACH
795-06.04	CONNECT TO 6IN WATER LINE	5.000	EACH
795-06.05	CONNECT TO 8IN WATER LINE	12.000	EACH
795-06.07	CONNECT TO 12IN WATER LINE	2.000	EACH
795-06.31	CUT AND CAP 2IN WATER LINE	7.000	EACH
795-06.33	CUT AND CAP 6IN WATER LINE	3.000	EACH
795-06.34	CUT AND CAP 8IN WATER LINE	14.000	EACH
795-06.35	CUT AND CAP SERVICE LINE	1.000	EACH
795-06.37	CUT AND CAP 12IN WATER LINE	2.000	EACH
795-08.01	2IN GATE VALVE ASSEMBLY	6.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	6.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	22.000	EACH
795-08.09	12IN GATE VALVE ASSEMBLY	10.000	EACH

**Contract ID CNV233 - COCKE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	8.000	EACH
795-09.28	3/4IN COPPER SERVICE PIPE	585.000	L.F.
795-10.03	1IN AUTO AIR RELEASE VALVE ASSEMBLY	2.000	EACH
795-10.31	2IN BLOW-OFF ASSEMBLY	3.000	EACH
795-11.02	FIRE HYDRANT ASSEMBLY	2.000	EACH
795-12.01	REMOVE FIRE HYDRANT	2.000	EACH
795-12.02	REMOVAL OF EXISTING LINE	(1)	LS
795-12.03	PIPE GROUTING	(1)	LS
795-12.08	REMOVE WATER METER	3.000	EACH
795-15.01	8IN STEEL CASING PIPE OPEN CUT METHOD	150.000	L.F.
795-15.02	12IN STEEL CASING PIPE OPEN CUT METHOD	130.000	L.F.
795-15.04	18IN STEEL CASING PIPE OPEN CUT METHOD	245.000	L.F.
795-15.25	16IN STEEL CASING PIPE OPEN CUT METHOD	600.000	L.F.
797-02.04	2IN HDPE FORCE MAIN	890.000	L.F.
797-02.06	4IN HDPE FORCE MAIN	1,360.000	L.F.
797-02.07	6IN HDPE FORCE MAIN	630.000	L.F.
797-02.08	8IN HDPE FORCE MAIN	525.000	L.F.
797-06.87	OPEN CUT 8IN STEEL CASING PIPE	125.000	L.F.
797-06.89	OPEN CUT 12IN STEEL CASING PIPE	140.000	L.F.
797-06.90	OPEN CUT 16IN STEEL CASING PIPE	110.000	L.F.
797-06.97	OPEN CUT __IN STEEL CASING PIPE (6 IN)	135.000	L.F.
797-07.02	48IN MANHOLE 4FT-6FT DEPTH	1.000	EACH
797-08.05	6IN PVC PIPE FOR SERVICE LATERAL	100.000	L.F.
797-09.06	4IN PLUG VALVE ASSEMBLY	4.000	EACH
797-09.07	6IN PLUG VALVE ASSEMBLY	2.000	EACH
797-09.08	8IN PLUG VALVE ASSEMBLY	2.000	EACH
797-09.19	1IN COMBO AIR RELEASE VALVE ASSEMBLY	3.000	EACH
797-09.41	CUT AND CAP 2IN FORCE MAIN	2.000	EACH
797-09.43	CUT AND CAP 4IN FORCE MAIN	2.000	EACH
797-09.44	CUT AND CAP 8IN GRAVITY	2.000	EACH

Contract ID CNV233 - COCKE

Item No.	Description	Quantity	Units
797-09.46	CUT AND CAP 6IN FORCE MAIN	2.000	EACH
797-09.47	CUT AND CAP 8IN FORCE MAIN	2.000	EACH
797-09.51	2IN PLUG VALVE W/CHECK VALVE ASSEMBLY	2.000	EACH
797-10.09	CONNECT EX. 8IN SEWER TO NEW MANHOLE	1.000	EACH
797-10.14	CONNECT TO 2IN FORCE MAIN	4.000	EACH
797-10.16	CONNECT TO 4IN FORCE MAIN	2.000	EACH
797-10.17	CONNECT TO 6IN FORCE MAIN	2.000	EACH
797-10.18	CONNECT TO 8IN FORCE MAIN	2.000	EACH
797-10.31	RESIDENTIAL GRINDER PUMP STATION	2.000	EACH
797-11.30	RETIREIN PLACE EXISTING SEWER <8IN	450.000	L.F.
797-11.31	RETIREIN PLACE EXISTING SEWER 8IN-14IN	690.000	L.F.
797-11.34	REMOVE EXISTING SEWER <8IN	735.000	L.F.
797-11.35	REMOVE EXISTING SEWER 8IN-14IN	210.000	L.F.
797-11.38	BY-PASS PUMPING	(1)	LS
797-40.01	CONCRETE ENCASMENT	32.000	L.F.

( ) Item will be bid as lump sum.

**Contract ID CNV303 - COFFEE**

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**Contract ID:** CNV303

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 16023-3213-94

BR-STP-127(20)

**Counties:** COFFEE

**District:**

**DBE Goal Percent:** 7.50

**Description:** The construction of a concrete Bulb-Tee beam bridge on S.R. 127 over Bradley Creek (L.M. 4.66), including grading, drainage and paving.

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	290.000	C.Y.
203-02.02	BORROW EXCAVATION (GRADED SOLID ROCK)	1,478.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	1,088.000	C.Y.
203-07	FURNISHING & SPREADING TOPSOIL	290.000	C.Y.
203-50	CONSTRUCTION OF HAUL ROAD	(1)	LS
208-01.05	BROOMING & DEGRASSING SHOULDERS	0.130	L.M.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	650.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	4.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	1.000	EACH
209-13.04	TURBIDITY CURTAIN(DESCRIPTION) (DESCRIPTION)	95.000	L.F.
209-65.03	TEMPORARY DIVERSION CHANNEL	105.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,211.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	939.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	171.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	124.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	2.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	6.000	TON

**Contract ID CNV303 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	2.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	60.000	L.F.
411-01.10	ACS MIX(PG64-22) GRADING D	103.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	0.300	L.M.
604-03.04	PAVEMENT @ BRIDGE ENDS	171.000	S.Y.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	291.000	L.F.
611-07.31	18IN ENDWALL (SIDE DRAIN)	2.000	EACH
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	4.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	115.000	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	308.000	L.F.
709-05.08	MACHINED RIP-RAP (CLASS B)	14.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-05.01	WARNING LIGHTS (TYPE A)	8.000	EACH
712-06	SIGNS (CONSTRUCTION)	318.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	48.000	L.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	312.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	437.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,532.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	236.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	237.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	9.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	72.000	L.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	26.000	L.M.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	26.000	L.M.

**Contract ID CNV303 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	0.500	L.M.
717-01	MOBILIZATION	(1)	LS
740-07.04	GEOGRID REINFORCEMENT TYPE 2	1,390.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	278.000	S.Y.
801-02	SEEDING (WITHOUT MULCH)	8.000	UNIT
801-03	WATER (SEEDING & SODDING)	17.000	M.G.
803-01	SODDING (NEW SOD)	590.000	S.Y.
805-12.01	EROSION CONTROL BLANKET (TYPE I)	134.000	S.Y.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EX. BR. NO. 16-SR127-4.66)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	142.000	C.Y.
204-05.01	CORE DRILLING AND SAMPLING	418.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	32.000	TON
604-02.03	EPOXY COATED REINFORCING STEEL	89,605.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	222.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	49,869.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	164.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	352.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	1,607.000	S.Y.
604-04.41	THREE STAR STATE EMBLEM	4.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	1,249.000	S.Y.
606-03.03	STEEL PILES (12 INCH)	450.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	20.000	EACH
610-10.45	DECK DRAINS (DESCRIPTION) (GRATE TYPE 1)	15.000	EACH
615-01.10	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-54)	1,325.000	L.F.
620-03.10	CONCRETE PARAPET (DESCRIPTION) (STD-1-1SS)	742.000	L.F.
625-01.11	CAMERA INSPECTION - DRILLED SHAFT (UNDERWATER)	6.000	EACH
625-02.01	DRILLED SHAFT-SOIL (DIA.) (4'-6" DIA.)	134.000	V.F.
625-02.13	DRILLED SHAFT-ROCK (DIA.) (4'-0" DIA.)	166.000	V.F.

**Contract ID CNV303 - COFFEE**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
625-02.25	DRILLED SHAFT CASING-PERMANENT (DIA.) (4'-0" I.D.)	134.000	V.F.
625-02.40	DRILLED SHAFT (SH-SCC) CONCRETE	139.000	C.Y.
625-02.43	CONCRETE CORING	304.000	V.F.
625-02.44	DRILLED SHAFT REINFORCING STEEL	24,191.000	LB.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	134.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	46.000	L.F.

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



**Contract ID CNV268 - DAVIDSON**

**Contract ID:** CNV268

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 19002-3188-94

HSIP-I-24-1(110)

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:** 10.00

**Description:** The grading, drainage, construction of a retaining wall, signals and paving on I-24 at the EB exit ramp to S.R. 254 (Bell Road, Exit 59) (L.M. 23.25 - L.M. 24.30).

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-01.13	REMOVAL OF PIPE (SIZE ,STA.) (60" RCP, STA. 127+01.78)	3.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	5,926.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	42.000	C.Y.
203-06	WATER	56.000	M.G.
209-03.22	FILTER SOCK (18 INCH)	1,284.000	L.F.
209-05	SEDIMENT REMOVAL	56.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	10,220.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	2.000	EACH
209-09.01	SANDBAGS	676.000	BAG
209-09.24	JUTE MESH FABRIC	210.000	S.Y.
209-09.43	CURB INLET PROTECTION (TYPE 4)	32.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	144.000	S.Y.
209-40.33	CATCH BASIN PROTECTION (TYPE D)	2.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	7,914.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	114.000	TON
303-20.02	RIVER GRAVEL	12.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	421.000	TON

**Contract ID CNV268 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-01.22	ASP. CONC. MIX(PG76-22) (BPMB-HM) GR. A-S	610.000	TON
307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	1,798.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	494.000	TON
313-03	TREATED PERMEABLE BASE	1,553.000	S.Y.
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	15.600	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	50.100	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	6.679	TON
406-04.02	HIGH FRICTION SURFACE TREATMENT	2,148.000	S.Y.
407-20.05	SAW CUTTING ASPHALT PAVEMENT	3,206.000	L.F.
411-03.10	ACS MIX(PG76-22) GRADING D	804.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	1.300	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	4,117.000	S.Y.
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	1,553.000	S.Y.
604-07.01	RETAINING WALL (DESCRIPTION) (I-24 STA. 108+00.00 TO RAMP A1 51+34.45)	18,978.000	S.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	1,562.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	13.000	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	12.000	L.F.
607-11.03	60" CONCRETE PIPE CULVERT (CLASS III)	8.000	L.F.
607-37.01	15" CORRUGATED METAL PIPE CULVERT	8.000	L.F.
611-02.10	JUNCTION BOX, TYPE 1	1.000	EACH
611-25.02	CATCH BASINS, TYPE 25, > 4' - 8' DEPTH	1.000	EACH
611-51.02	CATCH BASINS, TYPE 51, > 4' - 8' DEPTH	28.000	EACH
611-52.02	CATCH BASINS, TYPE 52, > 4FT - 8FT DEPTH	1.000	EACH
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	2,818.000	L.F.
621-03.02	18" TEMPORARY DRAINAGE PIPE	16.000	L.F.
621-03.03	24" TEMPORARY DRAINAGE PIPE	13.000	L.F.
621-03.04	30" TEMPORARY DRAINAGE PIPE	76.000	L.F.

**Contract ID CNV268 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
621-03.07	48" TEMPORARY DRAINAGE PIPE	84.000	L.F.
701-03	CONCRETE MEDIAN PAVEMENT	40.000	C.Y.
702-01	CONCRETE CURB	13.000	C.Y.
702-03	CONCRETE COMBINED CURB & GUTTER	7.000	C.Y.
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	425.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	62.500	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	1.000	EACH
706-01	GUARDRAIL REMOVED	1,992.000	L.F.
707-01.11	CHAIN LINK FENCE (6 FOOT)	868.000	L.F.
707-01.12	END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE 6')	2.000	EACH
707-04	WATER CROSSING	15.000	L.F.
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (EXIST. C.A. FENCE)	889.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	4,430.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	2.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	214.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	445.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	266.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	135.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	3,200.000	L.F.
710-05	LATERAL UNDERDRAIN	300.000	L.F.
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	2.000	EACH
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	1.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	2.000	EACH
711-04.23	CONCRETE BARRIER DELINEATION ENHANCEMENT (BI-DIRECTIONAL)	100.000	L.F.
711-05.01	REMOVAL & DISPOSAL OF CONCRETE MEDIAN BARRIER	135.000	L.F.
711-05.77	FLARED S/S CONCRETE MEDIAN BARRIER WALL	135.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS

**Contract ID CNV268 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	3,440.000	L.F.
712-02.36	REMOVE AND RELOCATE PORTABLE BARRIER RAIL	1,760.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	4.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	166.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	172.000	EACH
712-06	SIGNS (CONSTRUCTION)	632.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	14,625.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	60.000	L.F.
712-09.05	REMOVABLE PAVEMENT MARKING (ARROW)	8.000	EACH
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	26,223.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	1.000	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	91.000	LB.
713-02.04	DELINEATOR (MILE MARKER) & STEEL POST	1.000	EACH
713-02.14	FLEXIBLE DELINEATOR (WHITE)	3.000	EACH
713-02.21	SIGN POST DELINEATION ENHANCEMENT	90.000	L.F.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	566.000	LB.
713-09.01	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 103'-2")	1.000	EACH
713-09.02	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 105'-1")	1.000	EACH
713-09.03	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 79'-10 1/2")	1.000	EACH
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	483.000	LB.
713-11.21	P POST SLIP BASE	14.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	45.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	142.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	1,201.000	S.F.

**Contract ID CNV268 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-14.22	STREET NAME SIGN (SUSPENDED 0.100IN THICK)	12.000	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
713-30.10	BARRIER MOUNTED SIGN SUPPORT (PERF/KNOCKOUT) (PERF/KNOCKOUT)	3.000	EACH
716-01.11	RAISED PVMT MARKERS (BI-DIRECTIONAL) (1 COLOR LENS)	208.000	EACH
716-01.14	RAISED PAVEMENT MARKER REMOVAL	196.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	368.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	81.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	36.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	11.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	118.000	L.F.
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	280.000	L.F.
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	350.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	0.200	L.M.
716-02.24	PLASTIC PAVEMENT MARKING (12IN DWL)	313.000	L.F.
716-03.09	PLASTIC WORD PAVEMENT MARKING ( YIELD )	1.000	EACH
716-03.10	PLASTIC WORD PAVEMENT MARKING ( AHEAD )	1.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	7.000	EACH
716-04.07	PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	5.000	EACH
716-04.09	PLASTIC PAVEMENT MARKING (H.O.V. DIAMOND)	3.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	44.000	S.F.
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	1.000	EACH
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-08.08	REMOVAL OF PAVEMENT MARKING (DOUBLE TURNING ARROW)	2.000	EACH

**Contract ID CNV268 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	2.000	L.M.
716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	1.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	3.000	L.M.
716-12.08	ENHANCED FLAT LINE THERMO (12IN BARRIER LINE)	1,009.000	L.F.
716-12.09	ENHANCED FLAT LINE THERMO (12IN LINE)	4,490.000	L.F.
716-12.10	ENHANCED FLAT LINE THERMO (12IN DOTTED)	2,328.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-01.01	REMOVE & RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	1.000	EACH
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	4.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	1.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)	1.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A2 WITH BACKPLATE)	2.000	EACH
730-05.04	MODIFY EXISTING ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	129.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	544.000	L.F.
730-08.05	SIGNAL CABLE - 12 CONDUCTOR	50.000	L.F.
730-09.20	SPAN WIRE ASSEMBLY	404.000	L.F.
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	404.000	L.F.
730-11.10	RISER ASSEMBLY (DESCRIPTION) (2" RGS)	1.000	EACH
730-12.03	CONDUIT 3" DIAMETER (PVC)	50.000	L.F.
730-15.11	MODIFY CABINET (DESCRIPTION) (INTEGRATE NEW SIGNAL AND RADAR EQUIPMENT)	1.000	EACH
730-23.01	STEEL STRAIN POLE (SIGNAL SUPPORT)	4.000	EACH
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,094.000	S.Y.

**Contract ID CNV268 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	5,747.000	L.F.
797-11.46	CONCRETE CAP	2.000	C.Y.
801-01	SEEDING (WITH MULCH)	3.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	5.000	UNIT
801-01.34	GRASS SEED MIX (RIPZN/FLPL)	43.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	4.000	UNIT
801-03	WATER (SEEDING & SODDING)	1.000	M.G.
801-07	SEED (SUPPLEMENTAL APPLICATION)	10.000	LB.
801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	1.000	TON
803-01	SODDING (NEW SOD)	139.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	314.150	S.Y.

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

**Contract ID CNV290 - DAVIDSON**

**Contract ID:** CNV290

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 19003-3198-94

HSIP-I-40-5(147)

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:** 9.50

**Description:** The grading, drainage, signals and paving on I-40 at the U.S. 70 (S.R. 24, Charlotte Pike) westbound exit ramp (L.M. 9.65).

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-02.01	REMOVAL OF PIPE (SIZE ,STA.) (EX. 18" RCP, STA. 114+44.70)	15.000	L.F.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EX. CATCH BASIN, STA. 114+44.70)	(1)	LS
202-08.10	REMOVAL OF CURB (DESCRIPTION) (ON-RAMP AND OFF-RAMP TRAFFIC ISLANDS NEAR SR-24)	142.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	1,823.000	C.Y.
203-06	WATER	8.800	M.G.
208-01.05	BROOMING & DEGRASSING SHOULDERS	0.400	L.M.
209-05	SEDIMENT REMOVAL	31.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	2,770.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	4.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	7.000	EACH
209-40.30	CATCH BASIN PROTECTION (TYPE A)	2.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,428.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	5.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	114.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	281.000	TON



**Contract ID CNV290 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	299.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	4.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	14.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	5.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	555.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	5,340.000	S.Y.
502-07	SPALL REPAIR	94.000	S.Y.
502-08.01	RESEALING JOINTS (HOT POURED ELASTIC)	1,260.000	L.F.
502-08.02	RESEALING JOINTS (SILICONE SEALANT)	756.000	L.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	6.000	L.F.
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	5.000	EACH
611-09.03	CAPPING EXISTING CATCHBASIN	1.000	EACH
611-41.02	CATCH BASINS, TYPE 41, > 4' - 8' DEPTH	1.000	EACH
611-45.02	CATCH BASINS, TYPE 45, > 4' - 8' DEPTH	1.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	50.000	L.F.
702-01	CONCRETE CURB	16.000	C.Y.
705-04.25	GUARDRAIL & BARRIER DELINEATOR	11.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	151.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	1.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
705-08.11	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	3.000	EACH
705-20.20	LOW MAINT CRASH CUSHN NARROW (MASH TL-3)	1.000	EACH
706-01	GUARDRAIL REMOVED	151.000	L.F.
707-01.11	CHAIN LINK FENCE (6 FOOT)	550.000	L.F.
707-01.12	END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE 6')	5.000	EACH
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (EX. CONTROL ACCESS FENCE)	550.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	1,410.000	L.F.

**Contract ID CNV290 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
709-05.05	MACHINED RIP-RAP (CLASS A-3)	50.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	23.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	1,471.000	L.F.
710-05	LATERAL UNDERDRAIN	24.000	L.F.
711-05.71	51IN SINGLE SLOPE CONCRETE BARRIER WALL	767.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	3,760.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	50.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	188.000	EACH
712-06	SIGNS (CONSTRUCTION)	745.000	S.F.
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	1,200.000	HOURL
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	9,340.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	0.800	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	181.000	LB.
713-02.11	REMOVAL OF EXISTING DELINEATORS	6.000	EACH
713-02.14	FLEXIBLE DELINEATOR (WHITE)	42.000	EACH
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	16.000	EACH
713-02.27	CONCRETE BARRIER/PARAPET DELINEATOR (BI-DIRECTIONAL)	38.000	EACH
713-04.02	STEEL I-BEAMS & W-F BEAMS FOR SIGN SUPPORTS	647.000	LB.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	79.000	LB.
713-11.01	"U" SECTION STEEL POSTS	726.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	216.000	LB.
713-11.22	U POST SLIP BASE	13.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	104.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	180.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	102.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS

**Contract ID CNV290 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-30.09	BARRIER MOUNTED SIGN SUPPORT (DESCRIPTION) (PROP. SIGN #4 & #18)	2.000	EACH
716-01.13	RAISED PVTM MARKERS (BI-DIRECTIONAL) (2 COLOR LENS)	234.000	EACH
716-01.14	RAISED PAVEMENT MARKER REMOVAL	234.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	10.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	12.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	5.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	325.000	L.F.
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	146.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	0.300	L.M.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	5.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	2.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	30.000	S.F.
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	8,425.000	L.F.
716-09.86	CONTRAST PAVEMENT MARKING 6"	0.300	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVTM MRKNG (6IN LINE)	0.700	L.M.
717-01	MOBILIZATION	(1)	LS
730-01.01	REMOVE & RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	2.000	EACH
730-01.04	MODIFICATION OF EXISTING TRAFFIC SIGNAL EQUIPMENT	(1)	LS
730-02.41	SIGNAL HEAD MODIFICATION (DESCRIPTION) (BACKPLATES)	6.000	EACH
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (RADAR- STOP LINE)	1.000	EACH
730-15.11	MODIFY CABINET (DESCRIPTION) (REPROGRAM)	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	140.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	2,270.000	L.F.
740-11.06	TEMPORARY SEDIMENT TUBE CHECK DAM	45.000	EACH
801-01	SEEDING (WITH MULCH)	25.000	UNIT

**Contract ID CNV290 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-01.07	TEMPORARY SEEDING (WITH MULCH)	25.000	UNIT
801-03	WATER (SEEDING & SODDING)	4.000	M.G.

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

**Contract ID CNV269 - DAVIDSON**

**Contract ID:** CNV269

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 19009-3186-94

HSIP-I-65-2(102)

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:** 10.00

**Description:** The grading, drainage, construction of a retaining wall, signals and paving on I-65 at the NB exit ramp to S.R. 254 (Old Hickory Boulevard, Exit 74A).

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-02.21	REMOVAL OF PIPE (DESCRIPTION) (15", 141+65.55 OHB)	75.000	L.F.
202-02.22	REMOVAL OF PIPE (DESCRIPTION) (18", 40+57.87 OAKES DRIVE)	128.000	L.F.
202-02.23	REMOVAL OF PIPE (DESCRIPTION) (18", 40+66.07 OAKES DRIVE)	10.000	L.F.
202-02.24	REMOVAL OF PIPE (DESCRIPTION) (18", 40+74.73 OAKES DRIVE)	36.000	L.F.
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	5,084.000	S.Y.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	7,420.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	360.000	C.Y.
203-06	WATER	522.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	610.000	C.Y.
209-05	SEDIMENT REMOVAL	50.000	C.Y.
209-08.08	ENHANCED ROCK CHECK DAM	1.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	95.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	8.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	1.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	3.000	EACH

**Contract ID CNV269 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	4.000	EACH
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	9.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	4,982.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	5.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	311.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	2,228.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	1,173.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	16.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	55.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	53.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	3,500.000	L.F.
411-02.10	ACS MIX(PG70-22) GRADING D	3,253.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	2,794.000	TON
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	65.000	L.F.
604-07.01	RETAINING WALL (DESCRIPTION) (RETAINING WALL NO. 1)	2,687.000	S.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	336.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	142.000	L.F.
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	8.000	EACH
611-07.32	24IN ENDWALL (SIDE DRAIN)	1.000	EACH
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	3.000	EACH
611-09.03	CAPPING EXISTING CATCHBASIN	9.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	1.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	3.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	5.000	EACH
611-25.02	CATCH BASINS, TYPE 25, > 4' - 8' DEPTH	1.000	EACH
611-26.02	CATCH BASINS, TYPE 26, > 4' - 8' DEPTH	4.000	EACH
611-43.02	CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	1.000	EACH
620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING	392.000	L.F.

**Contract ID CNV269 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
701-01.01	CONCRETE SIDEWALK (4 ")	11,706.000	S.F.
701-02	CONCRETE DRIVEWAY	176.000	S.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	273.000	S.F.
701-02.03	CONCRETE CURB RAMP	2,298.000	S.F.
701-03	CONCRETE MEDIAN PAVEMENT	166.000	C.Y.
702-01	CONCRETE CURB	201.000	C.Y.
702-01.01	EXTRUDED SLOPING CURB	81.000	L.F.
702-03	CONCRETE COMBINED CURB & GUTTER	275.000	C.Y.
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	1,290.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	21.000	EACH
705-20.25	TEMPORARY CRASH CUSHION (MASH TL-3)	14.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	101.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	23.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	1,798.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	4,630.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	268.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	60.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	16.000	EACH
712-06	SIGNS (CONSTRUCTION)	765.000	S.F.
712-07.02	TEMPORARY BARRICADES (TYPE II)	12.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,965.000	LB.
713-11.21	P POST SLIP BASE	13.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	50.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	280.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	42.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS

**Contract ID CNV269 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	9.000	EACH
713-16.20	SIGNS (DESCRIPTION) (R10-12)	3.000	EACH
713-16.21	SIGNS (DESCRIPTION) (R3-4)	1.000	EACH
713-16.22	SIGNS (DESCRIPTION) (STREET NAME SIGN-RIGID 0.100IN THICK)	2.000	EACH
713-16.23	SIGNS (DESCRIPTION) (STREET NAME SIGN- SUSPENDED 0.100IN THICK)	10.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	90.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	213.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	337.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	89.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	893.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	37.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	94.000	L.F.
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	4,605.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	1,776.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	7.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	8.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	42.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	105.000	S.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	5.000	L.M.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	16.000	EACH
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	2.000	EACH
716-05.11	PAINTED PAVEMENT MARKING(STRAIGHT ARROW)	4.000	EACH
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	2.000	L.M.



**Contract ID CNV269 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	5.700	L.M.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	5.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	22.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	7.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)	5.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (110 A1V WITH BACKPLATE)	4.000	EACH
730-02.41	SIGNAL HEAD MODIFICATION (DESCRIPTION) (YELLOW REFLECTIVE BORDER)	31.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	15.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	2,385.000	L.F.
730-08.05	SIGNAL CABLE - 12 CONDUCTOR	625.000	L.F.
730-08.10	SIGNAL CABLE - (DESCRIPTION) (ADVANCED RADAR CABLE)	1,945.000	L.F.
730-08.11	SIGNAL CABLE - (DESCRIPTION) (STOP LINE RADAR CABLE)	3,560.000	L.F.
730-08.12	SIGNAL CABLE - (DESCRIPTION) (APS PUSHBUTTON CABLE)	6,180.000	L.F.
730-09.20	SPAN WIRE ASSEMBLY	605.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	1,035.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	1,785.000	L.F.
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (ADVANCED RADAR)	11.000	EACH
730-13.09	VEHICLE DETECTOR (DESCRIPTION) (STOP LINE RADAR)	21.000	EACH
730-15.11	MODIFY CABINET (DESCRIPTION) (INTEGRATE APS, SIGNAL & RADAR EQUIPMENT)	4.000	EACH
730-15.12	MODIFY CABINET (DESCRIPTION) (INTEGRATE EXISTING MPW INTERCONNECT)	1.000	EACH

**Contract ID CNV269 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-15.13	MODIFY CABINET (DESCRIPTION) (INTEGRATE SIGNAL & RADAR EQUIPMENT)	1.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	1.000	EACH
730-23.01	STEEL STRAIN POLE (SIGNAL SUPPORT)	3.000	EACH
730-23.30	PEDESTAL POLE (DESCRIPTION) (8')	5.000	EACH
730-23.64	CANTILEVER SIGNAL SUPPORT (1 ARM @ 30')	1.000	EACH
730-23.80	CANTILEVER SIGNAL SUPPORT (1 ARM @ 40')	1.000	EACH
730-24.81	CANTILEVER SIGNAL SUPPORT (2 @ 35' & 55')	1.000	EACH
730-25.07	CANTILEVER SIGNAL SUPPORT (1 ARM @ 55')	1.000	EACH
730-25.13	CANTILEVER SIGNAL SUPPORT (1 ARM @ 65')	1.000	EACH
730-26.05	COUNTDOWN PEDESTRIAN SIGNAL	7.000	EACH
730-26.06	PEDESTRIAN PUSHBUTTON POST	31.000	EACH
730-26.09	PEDESTRIAN PUSHBUTTON WITH 15IN SIGN	34.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	3.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	226.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	3,825.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	105.000	UNIT
801-02.15	FERTILIZER	60.000	TON
801-03	WATER (SEEDING & SODDING)	70.000	M.G.
803-01	SODDING (NEW SOD)	5,800.000	S.Y.

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

**Contract ID CNV277 - DAVIDSON**

**Contract ID:** CNV277

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 19106-4105-04

N/A

**Counties:** DAVIDSON

**District:**

**DBE Goal Percent:**

**Description:** The slide repair on I-24 near M.M. 54.9 (L.M. 19.4).

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

Item No.	Description	Quantity	Units
201-01	CLEARING AND GRUBBING	(1)	LS
203-01.01	ROAD & DRAINAGE EXCAVATION (SLIDE AREA)	11,750.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	17,500.000	TON
209-03.22	FILTER SOCK (18 INCH)	1,000.000	L.F.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	320.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	1.000	EACH
209-08.09	FILTER SOCK CHECK DAM	9.000	EACH
621-03.03	24" TEMPORARY DRAINAGE PIPE	40.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	702.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	460.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	30.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	23.000	EACH
712-06	SIGNS (CONSTRUCTION)	153.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	1.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	2,265.000	L.F.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,314.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	1,775.000	S.Y.
801-01	SEEDING (WITH MULCH)	15.000	UNIT

**Contract ID CNV277 - DAVIDSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
801-03	WATER (SEEDING & SODDING)	2.000	M.G.

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

**Contract ID CNV298 - DAVIDSON , HUMPHREYS, ETC.**

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**Contract ID:** CNV298

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 98304-4138-04

NA

98304-4139-04

NA

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

**District:**

**DBE Goal Percent:**

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

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

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

**Contract ID CNV298 - DAVIDSON , HUMPHREYS, ETC.**

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

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

**Contract ID CNV288 - DAVIDSON & RUTHERFORD**

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**Contract ID:** CNV288

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 98304-3137-44

CM-NH-I-098-3(32)

**Counties:** DAVIDSON, RUTHERFORD

**District:**

**DBE Goal Percent:** 6.00

**Description:** The expansion of the Smartway Intelligent Transportation System (ITS) on I-24 from near Bell Road (L.M. 23.82) in Davidson County to near Waldron Road (L.M. 1.24) in Rutherford County.

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

Item No.	Description	Quantity	Units
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	211.200	L.F.
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	9,000.000	S.Y.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	4,175.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	26.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	22.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	480.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	2,256.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	10.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	185.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	113.000	EACH
712-06	SIGNS (CONSTRUCTION)	840.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	10.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	2,256.000	L.F.
714-08.47	FOUNDATION (ONLY) FOR HIGH MAST LIGHT STANDARD	25.000	EACH
714-08.48	FOUNDATION (ONLY) FOR HIGH MAST LIGHT STANDARD	12.000	EACH

**Contract ID CNV288 - DAVIDSON & RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
714-08.49	FOUNDATION (ONLY) FOR HIGH MAST LIGHT STANDARD	3.000	EACH
717-01	MOBILIZATION	(1)	LS
725-03.09	ETHERNET SWITCH (TYPE A)	33.000	EACH
725-20.43	PULL BOX (TYPE C)	61.000	EACH
725-20.44	PULL BOX (TYPE D)	27.000	EACH
725-20.45	PULL BOX (TYPE E)	58.000	EACH
725-20.57	CABLE (1/C #2 AWG.)	62,169.000	L.F.
725-20.71	ELECTRICAL CONNECTION	(1)	LS
725-20.94	CCTV CAMERA SYSTEM (DESCRIPTION) (6 CAMERA SYS. W/ LOWERING DEVICE & 6' EXTENSION ARM)	46.000	EACH
725-21.11	NETWORK SWITCH (TYPE A)	9.000	EACH
725-21.12	NETWORK SWITCH (TYPE B)	2.000	EACH
725-21.14	NETWORK CONFIGURATION	1.000	EACH
725-21.44	DEMARCATON SITE (UNDERGROUND POWER)	1.000	EACH
725-21.49	MODIFY ELECTRICAL DEMARCATON POINT	4.000	EACH
725-21.73	TRANSFORMER (DESCRIPTION) (DEMARCATON TRANSFORMER 240V TO 480V 1PH 50KVA)	1.000	EACH
725-22.22	CONDUIT BANK (TYPE 2)	1,745.000	L.F.
725-22.35	CONDUIT BANK BORED (DESCRIPTION) (ROCK, TYPE 2)	310.000	L.F.
725-22.71	2IN CONDUIT	1,190.000	L.F.
725-22.72	2IN CONDUIT BORED	4,061.000	L.F.
725-22.73	2IN STRUCTURE CONDUIT	221.000	L.F.
725-22.74	2IN CONDUIT W/BANK	13,586.000	L.F.
725-23.21	FIBER OPTIC DROP CABLE (12 F)	5,760.000	L.F.
725-23.24	FIBER OPTIC DROP CABLE (DESCRIPTION) (24 F)	150.000	L.F.
725-23.26	FIBER OPTIC CLOSURE (12 F)	40.000	EACH
725-23.28	FIBER OPTIC SPLICE FUSION	180.000	EACH
725-23.29	FIBER OPTIC TERMINATION CABINET	1.000	EACH
725-23.31	FIBER OPTIC DROP PANEL ( 12 F )	40.000	EACH
725-24.02	CABINET (TYPE B)	40.000	EACH



**Contract ID CNV288 - DAVIDSON & RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
725-24.11	ITS COMMUNICATIONS HUB (DESCRIPTION) (FIELD JUNCTION CABINET)	1.000	EACH
725-24.31	SPARE PARTS	(1)	LS
725-24.41	BURN-IN PERIOD	(1)	LS
725-24.51	SYSTEM INTEGRATION	(1)	LS
725-24.55	AS-BUILT PLANS	(1)	LS
725-24.61	TRAINING	(1)	LS
725-24.90	CABINET TRANSFORMER (480V TO 120V 1PH 3KVA)	41.000	EACH
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	211.200	L.F.
801-01	SEEDING (WITH MULCH)	77.000	UNIT
801-03	WATER (SEEDING & SODDING)	7.000	M.G.
805-01.02	TURF REINFORCEMENT MAT (CLASS II)	234.666	S.Y.

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

**Contract ID CNV286 - HARDIN**

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**Contract ID:** CNV286

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 36003-3216-94

HSIP-57(82)

**Counties:** HARDIN

**District:**

**DBE Goal Percent:**

**Description:** The miscellaneous safety improvements including resurfacing on S.R. 57 from the McNairy County line (L.M. 0.00) to near Possum Trot Drive (L.M. 1.30).

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

Item No.	Description	Quantity	Units
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	9.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	1,132.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	3.000	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	21,355.000	S.Y.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	114.000	L.F.
713-02.34	DELINEATORS (ALL)	16.000	EACH
713-11.01	"U" SECTION STEEL POSTS	1,300.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	730.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	85.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	135.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	10.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	106.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	60.000	L.F.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	5.200	L.M.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNV308 - HENDERSON**

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**Contract ID:** CNV308

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 39999-3608-04

NA

**Counties:** HENDERSON

**District:**

**DBE Goal Percent:**

**Description:** The construction of a salt bin at the TDOT maintenance lot at 44 Rush Street in Lexington.

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
680-01.11	SALT BIN (DESCRIPTION) (60 x 120)	1.000	EACH
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNV264 - HUMPHREYS**

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**Contract ID:** CNV264

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 43004-4228-04

NA

**Counties:** HUMPHREYS

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on U.S. 70 (S.R. 1) over Culvert Branch (L.M. 27.00).

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

Item No.	Description	Quantity	Units
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	250.000	L.F.
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	40.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	0.100	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	560.000	S.Y.
602-10.60	BEARING DEVICE (DESCRIPTION) (DESCRIPTION)	12.000	EACH
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	135.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	155.000	S.Y.
604-10.09	CONCRETE	45.000	C.Y.
604-10.13	CONCRETE SLAB REMOVAL	(1)	LS
604-10.14	REMOVE EXISTING WEARING SURFACE	(1)	LS
604-10.18	REINFORCING STEEL (REPAIRS)	14,710.000	LB.
604-10.42	CONCRETE REPAIRS	25.000	C.F.
615-01.02	PRESTRESSED CONCRETE I-BEAM (TYPE II)	270.000	L.F.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	135.000	L.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	4.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	500.000	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
705-08.12	WIDE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH

**Contract ID CNV264 - HUMPHREYS**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	200.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	400.000	L.F.
712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	145.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	40.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	30.000	EACH
712-06	SIGNS (CONSTRUCTION)	425.000	S.F.
712-09.01	REMOVABLE PAVEMENT MARKING LINE	5,280.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	22.000	L.F.
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	27.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.000	L.M.
717-01	MOBILIZATION	(1)	LS
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1.000	EACH
801-03	WATER (SEEDING & SODDING)	6.000	M.G.
803-01	SODDING (NEW SOD)	600.000	S.Y.

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

**Contract ID CNV310 - JACKSON**

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**Contract ID:** CNV310

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 44999-3603-04

NA

**Counties:** JACKSON

**District:**

**DBE Goal Percent:**

**Description:** The construction of a TDOT maintenance building at 2636 S Grundy Quarles Highway in Gainesboro.

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
607-65.20	SITE PREPARATION	1.000	EACH
680-02.01	BUILDING (DESCRIPTION) (FOUNDATION AND STRUCTURE)	1.000	EACH
680-02.02	BUILDING (DESCRIPTION) (INTERIOR CONSTRUCTION)	1.000	EACH
717-01	MOBILIZATION	(1)	LS

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

Contract ID CNV292 - KNOX

Contract ID: CNV292

Letting Date: October 08, 2021 10:00 AM

Projects: 47004-4161-04

NA

Counties: KNOX

District:

DBE Goal Percent:

Description: The repair of the bridge on I-40 over U.S. 70 (S.R. 9, Asheville Highway) (L.M. 25.06).

Contract Time: DT - 12/31/2021

Item No.	Description	Quantity	Units
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
603-05.20	CONTAINMENT & DISPOSAL OF WASTE(LOCATION & DESCRP) (BRIDGE NO. 47-I0040-25.06)	(1)	LS
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	30.000	S.Y.
604-10.05	CONCRETE	44.000	S.F.
604-10.54	CONCRETE REPAIRS	16.000	S.F.
604-10.69	PRESTRESSING STRAND SPLICE	2.000	EACH
604-10.83	COMPOSITE FIBER ENCASEMENT	508.000	S.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	110.000	EACH
712-06	SIGNS (CONSTRUCTION)	767.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	6.000	EACH
712-08.13	QUEUE PROTECTION TRUCK (EMERGENCY CALL OUT)	6.000	DAY
712-09.01	REMOVABLE PAVEMENT MARKING LINE	2,930.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	7.000	EACH
713-16.02	TRUCK MOUNTED IMPACT ATTENUATOR (W/FLASHING ARROW BOARD)	1.000	EACH
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	1,100.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.220	L.M.
717-01	MOBILIZATION	(1)	LS

( ) Item will be bid as lump sum.



**Contract ID CNV301 - MCMINN**

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**Contract ID:** CNV301

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 54014-4223-04

NA

**Counties:** MCMINN

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridge on S.R. 310 over Conasauga Creek (L.M. 4.36).

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-07.01	REMOVAL AND DISPOSAL OF BRUSH & TREES	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BRIDGE NO. 54-SR310-04.36)	(1)	LS
209-05	SEDIMENT REMOVAL	1.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	600.000	L.F.
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	55.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	0.750	TON
411-01.10	ACS MIX(PG64-22) GRADING D	134.000	TON
411-12.04	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (4IN WIDTH)	0.300	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	150.000	TON
602-10.32	STRUCTURAL STEEL (REPAIRS)	140.000	LB.
602-10.51	STRUCTURAL STEEL REPAIR(DESCRIPTION)	2.000	EACH
603-02.01	REPAINTING EXISTING STEEL STRUCTURES (LOC. & DES.) (BRIDGE NO. 54-SR310-04.36)	(1)	LS
603-05.20	CONTAINMENT & DISPOSAL OF WASTE(LOCATION & DESCRP) (BRIDGE NO. 54-SR310-04.36)	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	67.000	LB.
604-10.05	CONCRETE	2.000	S.F.
604-10.14	REMOVE EXISTING WEARING SURFACE	(1)	LS
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	46.000	S.Y.

**Contract ID CNV301 - MCMINN**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-10.42	CONCRETE REPAIRS	8.000	C.F.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	50.000	S.Y.
604-10.54	CONCRETE REPAIRS	2.000	S.F.
604-10.58	EPOXY INJECTION (INJECTION)	1.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	6.000	L.F.
610-10.45	DECK DRAINS (DESCRIPTION) (EXTENSIONS)	18.000	EACH
617-01	BRIDGE DECK SEALANT	273.000	S.Y.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	2.000	EACH
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	18.000	EACH
705-06.02	W BEAM GR (TYPE 2) MASH TL-3 (LONG POST)	50.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	375.000	L.F.
712-02.12	PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)	330.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	4.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	42.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	10.000	EACH
712-06	SIGNS (CONSTRUCTION)	923.000	S.F.
712-09.01	REMOVABLE PAVEMENT MARKING LINE	1,800.000	L.F.
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	40.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	9.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	9.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	9.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.550	L.M.
717-01	MOBILIZATION	(1)	LS
730-40.02	TEMPORARY TRAFFIC SIGNAL SYSTEM	(1)	LS

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

**Contract ID CNV306 - OVERTON**

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**Contract ID:** CNV306

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 67001-3294-94

HSIP-111(110)

**Counties:** OVERTON

**District:**

**DBE Goal Percent:** 6.00

**Description:** The miscellaneous safety improvements including signals on S.R. 111 from west of S.R. 294 (L.M. 17.40) to east of Dove Lane (L.M. 17.90).

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	52.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	28.000	C.Y.
209-05	SEDIMENT REMOVAL	5.000	C.Y.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	715.000	L.F.
209-40.30	CATCH BASIN PROTECTION (TYPE A)	1.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	65.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	11.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	0.200	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	0.500	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	0.100	TON
411-01.10	ACS MIX(PG64-22) GRADING D	5.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	21.000	S.Y.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	1.000	EACH
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	2.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	100.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	172.000	L.F.
705-06.11	GR TERMINAL (IN-INLINE) MASH TL-3	1.000	EACH
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	2.000	EACH
706-01	GUARDRAIL REMOVED	50.000	L.F.

**Contract ID CNV306 - OVERTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
706-06.03	RADIUS RAIL	75.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	100.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	156.000	EACH
712-06	SIGNS (CONSTRUCTION)	360.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	984.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	99.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	45.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	15.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	7.000	EACH
716-01.40	REMOVE AND REPLACE LENS ON SNOWPLOWABLE REFLECTIVE MARKER	202.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	18.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	50.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	1.000	EACH
716-03.07	PLASTIC WORD PAVEMENT MARKING (STOP)	1.000	EACH
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	35.000	L.F.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.400	L.M.
717-01	MOBILIZATION	(1)	LS
730-02.01	SIGNAL HEAD ASSEMBLY (110)	3.000	EACH
730-02.21	SIGNAL HEAD ASSEMBLY (220)	2.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (330)	1.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	129.000	L.F.
730-09.20	SPAN WIRE ASSEMBLY	140.000	L.F.

**Contract ID CNV306 - OVERTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	140.000	L.F.
730-15.07	CABINET (DESCRIPTION) (FLASHING BEACON)	1.000	EACH
730-16.03	CONTROLLER (FLASHING BEACON)	1.000	EACH
730-23.01	STEEL STRAIN POLE (SIGNAL SUPPORT)	2.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	172.000	S.Y.
801-03	WATER (SEEDING & SODDING)	1.100	M.G.
803-01	SODDING (NEW SOD)	110.000	S.Y.

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

**Contract ID CNV203 - RUTHERFORD**

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**Contract ID:** CNV203

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 75013-3251-14

STP/HIP-M-99(64)

**Counties:** RUTHERFORD

**District:**

**DBE Goal Percent:** 9.00

**Description:** The grading, drainage, construction of retaining walls, signals and paving on S.R. 99 (New Salem Highway) from near I-24 (L.M. 18.52) to S.R. 96 (Old Fort Parkway) (L.M. 19.47).

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	2,840.000	HOURL
201-01	CLEARING AND GRUBBING	(1)	LS
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	17.000	EACH
202-01.51	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1.000	EACH
202-01.52	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	36.000	EACH
202-01.53	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	4.000	EACH
202-02.01	REMOVAL OF PIPE (SIZE ,STA.) (15")	1,262.000	L.F.
202-02.02	REMOVAL OF PIPE (SIZE ,STA.) (18")	1,375.000	L.F.
202-02.03	REMOVAL OF PIPE (SIZE ,STA.) (24")	382.000	L.F.
202-02.04	REMOVAL OF PIPE (SIZE ,STA.) (30"x19")	219.000	L.F.
202-03.01	REMOVAL OF ASPHALT PAVEMENT	3,643.000	S.Y.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	24,562.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	890.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	21,481.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	1,950.000	C.Y.
203-05	UNDERCUTTING	1,942.000	C.Y.
204-08	FOUNDATION FILL MATERIAL	61.000	C.Y.
209-05	SEDIMENT REMOVAL	1,083.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	933.000	L.F.

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	11,386.000	L.F.
209-08.07	ROCK CHECK DAM	2.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	23.000	EACH
209-09.01	SANDBAGS	300.000	BAG
209-09.04	SEDIMENT FILTER BAG(15' X 10')	2.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	53.000	EACH
209-20.04	POLYETHYLENE SHEETING (10 MIL.)	50.000	S.Y.
209-40.33	CATCH BASIN PROTECTION (TYPE D)	27.000	EACH
209-40.34	CATCH BASIN PROTECTION (TYPE E)	11.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	350.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	36,459.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	132.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	47.000	TON
303-10.03	MINERAL AGGREGATE (SIZE 68)	31.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	628.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	1,990.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	6,621.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	9,037.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	5,891.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	90.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	315.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	39.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	990.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	3,893.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	9,092.000	S.Y.
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	54.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	11,040.000	LB.
604-07.01	RETAINING WALL (DESCRIPTION) (WALL 1)	1,520.000	S.F.



**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
604-07.02	RETAINING WALL (DESCRIPTION) (WALL 2)	1,338.000	S.F.
604-07.03	RETAINING WALL (DESCRIPTION) (WALL 3)	909.000	S.F.
604-10.51	SCARIFYING	596.000	S.Y.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	4,231.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	1,522.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	325.000	L.F.
607-16.01	23"X 14" HORIZONTAL OVAL CONCRETE PIPE CULVERT	122.000	L.F.
607-16.02	30"X 19" HORIZONTAL OVAL CONCRETE PIPE CULVERT	774.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	219.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	28.000	L.F.
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	50.000	L.F.
611-01.01	MANHOLES, 0' - 4' DEPTH	6.000	EACH
611-01.02	MANHOLES, > 4' - 8' DEPTH	3.000	EACH
611-01.03	MANHOLES, > 8' - 12' DEPTH	1.000	EACH
611-01.21	REWORK MANHOLE	2.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	12.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	541.000	LB.
611-07.31	18IN ENDWALL (SIDE DRAIN)	7.000	EACH
611-07.32	24IN ENDWALL (SIDE DRAIN)	2.000	EACH
611-07.33	30IN ENDWALL (SIDE DRAIN)	1.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	9.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	30.000	EACH
611-14.01	CATCH BASINS, TYPE 14, 0' - 4' DEPTH	1.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	5.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	10.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	1.000	EACH
611-43.01	CATCH BASINS, TYPE 43, 0' - 4' DEPTH	1.000	EACH
620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING	525.000	L.F.
701-01.01	CONCRETE SIDEWALK (4 ")	53,366.000	S.F.

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
701-02	CONCRETE DRIVEWAY	5,343.000	S.F.
701-02.03	CONCRETE CURB RAMP	4,362.000	S.F.
702-01	CONCRETE CURB	18.000	C.Y.
702-03	CONCRETE COMBINED CURB & GUTTER	999.000	C.Y.
705-02.02	SINGLE GUARDRAIL (TYPE 2)	396.000	L.F.
705-04.03	GUARDRAIL TERMINAL (TYPE 13)	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	13.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	1,845.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	290.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	90.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	7,600.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	5,022.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	559.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	341.000	EACH
712-06	SIGNS (CONSTRUCTION)	572.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	383.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
713-04.02	STEEL I-BEAMS & W-F BEAMS FOR SIGN SUPPORTS	363.000	LB.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	63.000	LB.
713-11.01	"U" SECTION STEEL POSTS	380.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	809.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	248.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	50.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	248.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	15.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	5.000	EACH
713-16.20	SIGNS (DESCRIPTION) (STOP)	5.000	EACH

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-16.21	SIGNS (DESCRIPTION) (YIELD)	2.000	EACH
713-16.22	SIGNS (DESCRIPTION) (SPEED LIMIT)	3.000	EACH
713-16.23	SIGNS (DESCRIPTION) (WEST)	4.000	EACH
713-16.24	SIGNS (DESCRIPTION) (CROSS ROAD)	3.000	EACH
713-16.25	SIGNS (DESCRIPTION) (STATE ROUTE MARKER)	4.000	EACH
713-16.26	SIGNS (DESCRIPTION) (STREET NAME SIGNS)	2.000	EACH
714-01.20	STRUCTURAL LIGHTING(RET. WALL NO. ) (RET. WALL NO. 1)	(1)	LS
714-01.21	STRUCTURAL LIGHTING (RET. WALL NO.) (RET. WALL NO. 2)	(1)	LS
714-01.22	STRUCTURAL LIGHTING (RET. WALL NO.) (RET. WALL NO. 3)	(1)	LS
714-02.01	ENCASED CONDUIT (2" PVC, SCHEDULE 80)	75.000	L.F.
714-03	JACKED OR BORED CONDUIT	405.000	L.F.
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	3,380.000	L.F.
714-05.04	PULL BOXES (TYPE C)	30.000	EACH
714-06.09	CABLE (DESCRIPTION) (#4 DUPLEX DELGADO CONDUCTOR)	8,105.000	L.F.
714-06.10	CABLE (DESCRIPTION) (#4 DUPLEX DELGADO CONDUCTOR)	5,305.000	L.F.
714-06.11	CABLE (DESCRIPTION) (#6 SOLID COPPER SOFT DRAWN)	1,450.000	L.F.
714-08.09	LIGHT STANDARDS (DESCRIPTION) (34' M.H., SINGLE)	17.000	EACH
714-08.10	LIGHT STANDARDS (DESCRIPTION) (34' M.H., DOUBLE)	1.000	EACH
714-08.11	LIGHT STANDARDS (DESCRIPTION) (34' M.H., SINGLE)	5.000	EACH
714-08.20	FOUNDATION (ONLY) FOR LIGHT STANDARD	19.000	EACH
714-08.29	REMOVE & RELOCATE LIGHT STANDARD	(1)	LS
714-08.34	REMOVAL OF LIGHT STANDARD	5.000	EACH
714-09.09	LUMINAIRES (DESCRIPTION) (48W LED)	5.000	EACH
714-09.10	LUMINAIRES (DESCRIPTION) (165W LED)	46.000	EACH
714-09.11	LUMINAIRES (DESCRIPTION) (230W LED)	2.000	EACH

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
714-09.13	LUMINAIRES (DESCRIPTION) (165W LED, SIGNAL POLE MOUNTED)	7.000	EACH
714-09.14	LUMINAIRES (DESCRIPTION) (230W LED, SIGNAL POLE MOUNTED)	6.000	EACH
714-25	ELECTRICAL CONNECTION	3.000	EACH
716-01.07	TEMPORARY RAISED PAVEMENT MARKER, YELLOW	300.000	EACH
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	230.000	EACH
716-01.22	SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	110.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	2,539.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	220.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	695.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	61.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	2,310.000	L.F.
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	6.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	19,655.000	L.F.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	1,137.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	43.000	EACH
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	10.000	EACH
716-05.11	PAINTED PAVEMENT MARKING(STRAIGHT ARROW)	48.000	EACH
716-05.21	PAINTED PAVEMENT MARKING(4"DOTTED LINE)	1,719.000	L.F.
716-05.49	PAINTED PAVEMENT MARKINGS(8" LINE)	5.912	L.M.
716-08.02	REMOVAL OF PAVEMENT MARKING (8" BARRIER LINE)	17,577.000	L.F.
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	853.000	L.F.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	63.000	EACH
716-08.07	REMOVAL OF PAVEMENT MARKING (STRAIGHT-TURN ARROW)	7.000	EACH

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-08.09	REMOVAL OF PAVEMENT MARKING (DOTTED LINE)	605.000	L.F.
716-08.11	REMOVAL OF WORD PAVEMENT MARKING (DESCRIPTION) (DESCRIPTION)	1.000	EACH
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	6.041	L.M.
716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	0.384	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	6.318	L.M.
717-01	MOBILIZATION	(1)	LS
719-01.01	SWEEPING	6.000	CYCL
725-03.80	CCTV CAMERA SYSTEM	3.000	EACH
725-03.83	RDS COMM CABLE	1,555.000	L.F.
725-03.99	VIDEO DETECTION CABLE	1,160.000	L.F.
725-20.56	CABLE (1/C #4 AWG.)	955.000	L.F.
725-20.96	CCTV CAMERA SYSTEM REMOVE AND RELOCATE	3.000	EACH
725-21.15	NETWORK SWITCH (DESCRIPTION) (SFP SWITCH WITH COPPER PAIR EXTENDER)	3.000	EACH
725-21.94	RADAR DETECTION SYSTEM REMOVE & RELOCATE	6.000	EACH
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	3.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	11.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	18.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)	7.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (150 A2V WITH BACKPLATE)	1.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	18.000	EACH
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	6.000	EACH
730-03.25	INSTALL PULL BOX (DESCRIPTION) (TYPE C, LABELED 'ELECTRIC')	30.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	6.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	1,610.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	7,040.000	L.F.

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-08.04	SIGNAL CABLE - 9 CONDUCTOR	1,420.000	L.F.
730-08.40	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (12 SM, SERVICE DROP)	615.000	L.F.
730-08.41	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (36 SM)	5,970.000	L.F.
730-11.01	STEEL CONDUIT RISER ASSEMBLY	12.000	EACH
730-12.01	CONDUIT 1" DIAMETER (PVC)	865.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	2,995.000	L.F.
730-12.12	CONDUIT 1" DIAMETER (JACK AND BORE)	900.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	900.000	L.F.
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	3.000	EACH
730-16.04	CONTROLLER (ATC)	3.000	EACH
730-21.02	WOOD POLE (SIGNAL SUPPORT) CLASS 3, 40' LENGTH	3.000	EACH
730-23.20	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 40' & 80') (37 FT)	1.000	EACH
730-23.30	PEDESTAL POLE (DESCRIPTION) (10 FT)	11.000	EACH
730-23.39	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 40' & 80') (37 FT)	1.000	EACH
730-23.88	CANTILEVER SIGNAL SUPPORT (1 ARM @ 45') (34 FT-7IN)	1.000	EACH
730-24.41	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 55') (34 FT-7 IN)	1.000	EACH
730-24.42	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 60') (22 FT)	1.000	EACH
730-24.43	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 60') (34 FT-7 IN)	3.000	EACH
730-24.44	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 65') (34 FT-7 IN)	1.000	EACH
730-24.45	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 85') (34 FT-7 IN)	1.000	EACH
730-24.46	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 90') (34 FT-7 IN)	1.000	EACH
730-24.47	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 40' & 60') (37 FT)	1.000	EACH

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
730-24.48	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 40' & 65') (37 FT)	1.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	22.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	594.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	7,408.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	140.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	275.000	UNIT
801-03	WATER (SEEDING & SODDING)	105.000	M.G.
803-01	SODDING (NEW SOD)	13,910.000	S.Y.
806-02.03	PROJECT MOWING	12.000	CYCL
790-03.03	POLE 40FT CLASS 4 WOOD	3.000	EACH
790-03.08	POLE 40FT CLASS H2 METAL	4.000	EACH
790-04.09	POLE 45FT CLASS H2 METAL	3.000	EACH
790-05.08	POLE 50FT CLASS H2 METAL	3.000	EACH
790-06.08	POLE 55FT CLASS H2 METAL	10.000	EACH
790-07.08	POLE 60FT CLASS H2 METAL	13.000	EACH
790-08.04	POLE 65FT CLASS H2 METAL	3.000	EACH
790-09.05	POLE 70FT CLASS H2 METAL	2.000	EACH
790-20.90	METAL TAG INSTALLATION	34.000	EACH
790-22.15	1PH DEAD END TAP W/ EXTENSION 25KV	1.000	EACH
790-26.03	3PH CROSSARM SGL LRG COND 25KV	11.000	EACH
790-26.06	3PH CROSSARM SGL FBRGLS DBL PRIM SUP 25KV	2.000	EACH
790-26.16	3PH XARM FBRGLS LRG COND MED ANGLE 25KV	8.000	EACH
790-26.20	3PH VERTICAL ANGLE LRG COND 25KV	1.000	EACH
790-26.26	3PH CROSSARM DEAD END 25KV	16.000	EACH
790-26.27	3PH CROSSARM DBL DDE 25KV	11.000	EACH
790-26.28	3PH DBL 10FT XARM DDE 25KV	1.000	EACH
790-26.38	3PH CROSSARM 10FT LRG COND 25KV	2.000	EACH
790-30.02	SECONDARY ASSEMBLIES LRG ANGLE	9.000	EACH
790-30.03	SECONDARY ASSEMBLIES DEADEND	13.000	EACH

**Contract ID CNV203 - RUTHERFORD**

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790-31.05	SERVICE CONDUCTOR 4 AL DUPLEX	86.000	L.F.
790-31.11	SERVICE CONDUCTOR 2 AL TRIPLEX	471.000	L.F.
790-31.20	SERVICE CONDUCTOR 1/0 AL QPLEX	121.000	L.F.
790-32.01	DOWN GUY - THROUGH BOLT TYPE	87.000	EACH
790-32.07	OH GUY - THROUGH BOLT TYPE	24.000	EACH
790-32.19	DN GUY HVY CONST - 1 PREFORM	5.000	EACH
790-32.21	OH GUY HVY CONST -THROUGH BOLT TYPE	2.000	EACH
790-33.16	ROCK ANCHOR TRIPLE EYE	3.000	EACH
790-33.19	ROCK ANCHOR TRIPLE EYE 53IN EXPANDING	1.000	EACH
790-33.20	ANCHOR TRIPLE EYE POWER INSTALLED	34.000	EACH
790-33.21	ANCHOR TWIN EYE POWER INSTALLED	12.000	EACH
790-36.13	TRANSFER STREET LIGHT	1.000	EACH
790-40.02	OH COND 2 7/1 ACSR SPARATE	6,726.000	L.F.
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	627.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	3,907.000	L.F.
790-40.49	OH COND 795 37 AAC ARBUTUS	13,713.000	L.F.
790-41.12	UG PRI COND 1 AL 25KV	605.000	L.F.
790-41.13	UG PRI COND 1/0 AL 25KV	768.000	L.F.
790-41.40	UG PRI COND 500MCM CU 25KV	2,460.000	L.F.
790-41.51	UG SEC COND 350 AL TPLX	588.000	L.F.
790-42.08	2IN DIA PVC PIPE	207.000	L.F.
790-42.10	4IN DIA PVC PIPE	1,253.000	L.F.
790-42.11	6IN DIA PVC PIPE	860.000	L.F.
790-43.17	LOADBREAK ELBOW 200A 25KV	19.000	EACH
790-43.19	LOADBREAK PARKING BUSHING 200A 25KV	17.000	EACH
790-43.25	FEED THRU LOAD BREAK INSERT 200A 25KV	7.000	EACH
790-43.27	OUTDOOR TERMINATOR URD 25KV	8.000	EACH
790-43.30	SPLICE 600A 25KV	15.000	EACH
790-43.34	UG GROUND ROD ASSEMBLY	5.000	EACH
790-43.46	SECONDARY PULLBOX LARGE	9.000	EACH



**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-43.47	PRIMARY PULLBOX	4.000	EACH
790-43.50	SECONDARY RISER W/ 2IN CONDUIT	1.000	EACH
790-43.51	SECONDARY RISER W/ 3IN CONDUIT	5.000	EACH
790-43.52	SECONDARY RISER W/ 4IN CONDUIT	3.000	EACH
790-43.58	3PH PRIMARY RISER W/ 6IN CONDUIT	4.000	EACH
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	2.000	EACH
790-50.03	1PH TRANSFORMER PAD	1.000	EACH
790-51.01	3PH PAD MTD XFORMER RADIAL FEED W/ELBOW	1.000	EACH
790-51.06	3PH TRANSFORMER PAD - CONCRETE	1.000	EACH
790-53.02	25KVA 1PH PAD MT XFMR 7.2KV DUAL VOLTAGE	1.000	EACH
790-59.01	REGULATOR BYPASS SWITCH - SINGLE 25KV	6.000	EACH
790-59.05	GOLB SWITCH 25KV	4.000	EACH
790-60.14	3PH SECTIONALIZING CABINET 15KV	2.000	EACH
790-61.01	1PH FUSE CUTOFF XARM MOUNT 25KV	31.000	EACH
790-61.02	1PH FUSE CUTOFF BRKT MOUNT 25KV	1.000	EACH
790-64.08	SEC MTG 3PH PADMOUNT TRANSFORMER	2.000	EACH
790-65.03	LIGHTNING ARRESTER ARM MTD 9 KV	34.000	EACH
790-65.17	3PH CAPACITOR ASSEMBLY 25KV	1.000	EACH
790-68.10	MISCELLANEOUS ASSEMBLIES	12.000	EACH
790-69.04	FIBERGLASS CROSSARM ASSEMBLY	7.000	EACH
790-69.12	GROUND ASSEMBLY GROUND PLATE TYPE	38.000	EACH
790-69.22	POLE TOP PIN	7.000	EACH
790-69.27	EXTENSION LINK - EPOXY -4FT	6.000	EACH
790-69.28	EXTENSION LINK - EPOXY -6FT	29.000	EACH
790-69.32	ARM PIN	22.000	EACH
790-70.10	FLOOD LIGHT	6.000	EACH
790-98.01	REMOVE WIRE	32,432.000	L.F.
790-98.02	REMOVE POLES	45.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	357.000	EACH

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
790-98.20	TREE AND BRUSH REMOVAL OFF ROW	(1)	LS
791-01.02	2IN STEEL GAS MAIN	10.000	L.F.
791-01.04	4IN STEEL GAS MAIN	20.000	L.F.
791-01.05	6IN STEEL GAS MAIN	130.000	L.F.
791-01.06	8IN STEEL GAS MAIN	4,629.000	L.F.
791-03.02	2IN HDPE GAS MAIN	1,150.000	L.F.
791-03.04	4IN HDPE GAS MAIN	4,594.000	L.F.
791-04.02	HDD 2IN PE PIPE - UNCONSOLIDATED	690.000	L.F.
791-04.04	HDD 4IN PE PIPE - UNCONSOLIDATED	265.000	L.F.
791-04.24	HDD 8IN STEEL PIPE - UNCONSOLIDATED	510.000	L.F.
791-06.02	CONNECT TO 2IN EX. PE MAIN	6.000	EACH
791-06.03	CONNECT TO 4IN EX. PE MAIN	3.000	EACH
791-06.31	CONNECT TO 2IN EX. STL MAIN W/ STOPPLE	1.000	EACH
791-06.33	CONNECT TO 6IN EX. STL MAIN W/ STOPPLE	2.000	EACH
791-07.01	2IN PE GAS VALVE ASSEMBLY	5.000	EACH
791-07.02	4IN PE GAS VALVE ASSEMBLY	3.000	EACH
791-07.09	2IN STEEL GAS VALVE ASSEMBLY	3.000	EACH
791-07.11	6IN STEEL GAS VALVE ASSEMBLY	2.000	EACH
791-07.12	8IN STEEL GAS VALVE ASSEMBLY	2.000	EACH
791-08.07	3/4IN PE SERVICE PIPE	46.000	L.F.
791-08.17	HDD 3/4IN PE SERVICE PIPE	285.000	L.F.
791-09.02	3-WIRE CATHODIC PROTECTION STATION	4.000	EACH
791-09.03	17LB MAGNESIUM ANODES	8.000	EACH
791-09.05	RESTORE ASPHALT	55.000	S.Y.
791-09.06	RESTORE CONCRETE	23.000	S.Y.
791-09.22	FAULT CURRENT MITIGATION SYSTEM	1.000	EACH
791-10.04	RETIRE IN PLACE 2IN SERV CUT & PLUG	10.000	EACH
791-10.10	RETIRE GAS MAIN	(1)	LS
791-99.02	CLEAN UP RESTORATION & CLOSEOUT	(1)	LS
793-01.41	ANCHOR 1IN	19.000	EACH

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
793-13.07	4IN SCHEDULE 40 PVC	3,146.000	L.F.
793-13.12	1 DUCT FORMATION @ 36IN DEPTH	1,350.000	L.F.
793-13.17	2 DUCT FORMATION @ 36IN DEPTH	898.000	L.F.
793-14.19	4IN SCH 80 ORANGE FLEXPipe	304.000	L.F.
793-16.04	DIRECTIONAL BORE 4IN/FLEX SLEEVE	304.000	L.F.
795-01.06	8IN DIP SLIP JOINT WATER LINE	875.000	L.F.
795-01.10	12IN DIP SLIP JOINT WATER LINE	332.000	L.F.
795-01.14	16IN DIP SLIP JOINT WATER LINE	5,024.000	L.F.
795-05.65	BORE/JACK 16IN STEEL CASING PIPE-UNCON.	230.000	L.F.
795-05.68	BORE/JACK 24IN STEEL CASING PIPE-UNCON.	120.000	L.F.
795-05.71	BORE/JACK ___IN STEEL CASING PIPE-UNCON (32 IN)	130.000	L.F.
795-06.05	CONNECT TO 8IN WATER LINE	1.000	EACH
795-06.34	CUT AND CAP 8IN WATER LINE	7.000	EACH
795-06.37	CUT AND CAP 12IN WATER LINE	3.000	EACH
795-06.39	CUT AND CAP 16IN WATER LINE	2.000	EACH
795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	7.000	EACH
795-07.13	12IN X 8IN TAPPING SLEEVE AND VALVE	1.000	EACH
795-07.15	12IN X 12IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-07.20	16IN X 12IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-07.21	16IN X 16IN TAPPING SLEEVE AND VALVE	3.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	5.000	EACH
795-08.09	12IN GATE VALVE ASSEMBLY	1.000	EACH
795-08.13	16IN BUTTERFLY VALVE ASSEMBLY	10.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	2.000	EACH
795-09.51	RECONNECT SERVICE ASSEMBLY	9.000	EACH
795-09.62	1IN PEX SERVICE PIPE	180.000	L.F.
795-11.02	FIRE HYDRANT ASSEMBLY	6.000	EACH
795-12.01	REMOVE FIRE HYDRANT	4.000	EACH
795-13.01	DI FITTINGS	5,000.000	LB.

**Contract ID CNV203 - RUTHERFORD**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
795-14.03	CLASS C CONCRETE	12.000	C.Y.
795-15.26	32IN STEEL CASING PIPE OPEN CUT METHOD	40.000	L.F.
795-51.01	BOLLARD	1.000	EACH
797-05.02	8IN DIP GRAVITY SEWER 6FT-12FT DEPTH	142.000	L.F.
797-05.06	10IN DIP GRAVITY SEWER 6FT-12FT DEPTH	62.000	L.F.
797-06.64	BORE/JACK 16IN STEEL CASING PIPE-UNCON.	120.000	L.F.
797-07.03	48IN MANHOLE 6FT-8FT DEPTH	2.000	EACH
797-07.62	MANHOLE MODIFICATION	2.000	EACH
797-08.04	4IN PVC PIPE FOR SERVICE LATERAL	32.000	L.F.
797-08.05	6IN PVC PIPE FOR SERVICE LATERAL	56.000	L.F.
797-08.08	6IN CLEAN OUT ASSEMBLY	2.000	EACH
797-10.02	CONNECT 8IN SEWER TO EXIST. MANHOLE	1.000	EACH
797-10.03	CONNECT 10-18IN SEWER TO EXIST. MANHOLE	1.000	EACH
797-10.05	CONNECT 4IN LATERAL TO SEWER LINE	2.000	EACH
797-10.06	CONNECT 6IN LATERAL TO SEWER LINE	1.000	EACH
797-10.09	CONNECT EX. 8IN SEWER TO NEW MANHOLE	1.000	EACH
797-10.10	CONNECT EX.10-18IN SEWER TO NEW MANHOLE	1.000	EACH
797-11.25	RETIREIN PLACE 48IN MANHOLE	2.000	EACH
797-11.31	RETIREIN PLACE EXISTING SEWER 8IN-14IN	795.000	L.F.
797-11.39	TV INSPECTION	1,412.000	L.F.

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

**Contract ID CNV287 - SCOTT**

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**Contract ID:** CNV287

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 76945-3474-94

HSIP-7600(19)

**Counties:** SCOTT

**District:**

**DBE Goal Percent:** 4.00

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

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

Item No.	Description	Quantity	Units
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	5.000	EACH
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	4.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	350.000	L.F.
705-06.30	GR TERMINAL (ENERGY ABSORBING) MASH TL-2	4.000	EACH
706-01	GUARDRAIL REMOVED	300.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.14	FLEXIBLE DELINEATOR (WHITE)	98.000	EACH
713-02.20	ROADSIDE OBSTACLE DELINEATION	3.000	S.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	942.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	3,517.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	7,365.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	779.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	1,480.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	82.000	EACH
713-16.05	RAILROAD CROSS-BUCK SIGN & SUPPORT	2.000	EACH
713-16.09	RAILROAD ADVANCE WARNING SIGN AND SUPPORT	4.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	310.000	L.F.
716-03.02	PLASTIC WORD PAVEMENT MARKING (RXR)	3.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	14.000	S.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	58.250	L.M.

**Contract ID CNV287 - SCOTT**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	950.000	L.F.
716-13.05	SPRAY THERMO PVMT MRKNG (60 mil) (6IN DOTTED LINE)	1,890.000	L.F.
717-01	MOBILIZATION	(1)	LS

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

**Contract ID CNV295 - WASHINGTON**

**Contract ID:** CNV295

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 90002-3259-94  
90002-3265-94

HSIP-34(91)  
HSIP-34(103)

**Counties:** WASHINGTON

**District:**

**DBE Goal Percent:** 8.00

**Description:** The grading, drainage, signals and paving on U.S. 11E (S.R. 321, S.R. 34) from Big Limestone Road/McInturff Road to L.M. 2.02 and from Big Limestone Road to Culver Road.

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

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	2.000	EACH
202-02.01	REMOVAL OF PIPE (SIZE ,STA.) (30IN ,STA. 140+00.00)	68.000	L.F.
202-02.02	REMOVAL OF PIPE (SIZE ,STA.) (18IN,STA. 30+90.98)	60.000	L.F.
202-02.03	REMOVAL OF PIPE (SIZE ,STA.) (18" ,STA. 158+70.88)	4.000	L.F.
202-02.04	REMOVAL OF PIPE (SIZE ,STA.) (18" ,STA. 157+69.62)	153.000	L.F.
202-02.05	REMOVAL OF PIPE (SIZE ,STA.) (18" ,STA. 160+33.66)	272.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	3,893.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	533.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	586.000	C.Y.
203-06	WATER	40.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	70.000	C.Y.
208-01.05	BROOMING & DEGRASSING SHOULDERS	1.500	L.M.
209-05	SEDIMENT REMOVAL	71.000	C.Y.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	765.000	L.F.
209-08.07	ROCK CHECK DAM	9.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	2.000	EACH

**Contract ID CNV295 - WASHINGTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
209-09.43	CURB INLET PROTECTION (TYPE 4)	1.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	8.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	1.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	4,387.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	124.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	41.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	279.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	877.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	431.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	10.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	3.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	48.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	155.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	262.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	0.440	L.M.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	192.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	71.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	60.000	L.F.
611-01.02	MANHOLES, > 4' - 8' DEPTH	1.000	EACH
611-02.11	JUNCTION BOX, TYPE 2	2.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	2.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	93.000	LB.
611-07.31	18IN ENDWALL (SIDE DRAIN)	1.000	EACH
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.62	30IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-25.02	CATCH BASINS, TYPE 25, > 4' - 8' DEPTH	1.000	EACH
701-03	CONCRETE MEDIAN PAVEMENT	135.000	C.Y.
702-01	CONCRETE CURB	71.000	C.Y.



**Contract ID CNV295 - WASHINGTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
702-01.01	EXTRUDED SLOPING CURB	175.000	L.F.
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	550.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL-3	440.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL-3	2.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
706-01	GUARDRAIL REMOVED	427.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	385.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	7.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	100.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	473.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	49.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	5,048.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	10.000	EACH
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	400.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	252.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	200.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,233.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	40.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	4.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	21,174.000	L.F.
712-09.30	REMOVABLE BLACK-OUT TAPE (6")	4,155.000	L.F.
713-02.21	SIGN POST DELINEATION ENHANCEMENT	217.000	L.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.20	SIGNS (DESCRIPTION) (TRUCK SYMBOL, W11-10, 36"x36")	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (CROSS ROAD SYMBOL, W2-1, 36"x36")	2.000	EACH
713-16.22	SIGNS (DESCRIPTION) (WRONG WAY, R5-1A, 42" x 30")	8.000	EACH

**Contract ID CNV295 - WASHINGTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
713-16.23	SIGNS (DESCRIPTION) (DO NOT ENTER, R5-1, 36"X36")	8.000	EACH
713-16.24	SIGNS (DESCRIPTION) (STOP AHEAD SYMBOL, W3-1, 30"X30")	6.000	EACH
713-16.25	SIGNS (DESCRIPTION) (ONE DIRECTION SYMBOL - LEFT, R6-1L, 36" x 12")	8.000	EACH
713-16.26	SIGNS (DESCRIPTION) (ONE DIRECTION SYMBOL - RIGHT, R6-1R, 36" x 12")	6.000	EACH
713-16.27	SIGNS (DESCRIPTION) (STOP, R1-1, 36"X36")	7.000	EACH
713-16.28	SIGNS (DESCRIPTION) (DIVIDED HIGHWAY + INTERSECTION, R6-3, 30"X24")	3.000	EACH
713-16.29	SIGNS (DESCRIPTION) (ONE DIRECTION SYMBOL - LEFT, R6-1L, 54" x 18")	3.000	EACH
713-16.30	SIGNS (DESCRIPTION) (SPEED LIMIT 65 MPH, R2-1, 30"x36")	1.000	EACH
713-16.31	SIGNS (DESCRIPTION) (NO LEFT TURN, R3-2, 36" x 36")	2.000	EACH
713-16.32	SIGNS (DESCRIPTION) (SIDE ROAD RIGHT SYMBOL, W2-2R, 36"X36")	1.000	EACH
713-16.33	SIGNS (DESCRIPTION) (KEEP RIGHT, R4-7, 24"X30")	2.000	EACH
713-16.34	SIGNS (DESCRIPTION) (ONE DIRECTION SYMBOL - RIGHT, R6-1R, 54"X18")	1.000	EACH
713-16.35	SIGNS (DESCRIPTION) (INTERSECTION WARNING SYMBOL, W2-7R, 36"X36")	1.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	39.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	5.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	57.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	38.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	1,382.000	L.F.
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	3.000	L.F.
716-02.12	PLASTIC PAVEMENT MARKING (8IN LINE)	0.300	L.M.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	1.000	EACH

**Contract ID CNV295 - WASHINGTON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	2.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	12,394.000	L.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	3.300	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	0.500	L.M.
717-01	MOBILIZATION	(1)	LS
740-06.01	GEOMEMBRANE	951.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	703.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	1,342.000	L.F.
801-02	SEEDING (WITHOUT MULCH)	30.000	UNIT
801-03	WATER (SEEDING & SODDING)	3.600	M.G.
803-01	SODDING (NEW SOD)	405.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	2,439.000	S.Y.

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

**Contract ID CNV289 - WILLIAMSON**

**Contract ID:** CNV289

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 94840-4148-04

NA

**Counties:** WILLIAMSON

**District:**

**DBE Goal Percent:**

**Description:** The repair of the bridges on I-840 over South Garrison Branch (L.M. 10.33).

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

Item No.	Description	Quantity	Units
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BRIDGE NO. 94-I0840-10.33 R&L)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	316.000	C.Y.
203-01.05	EXCAVATION	1,370.000	C.Y.
203-01.60	ROAD & DRAINAGE EXCAVATION (DESCRIPTION) (DESCRIPTION)	2,289.000	C.Y.
203-10	EMBANKMENT (COMPACTED IN PLACE)	7,785.000	C.Y.
209-05	SEDIMENT REMOVAL	1,272.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	2,556.000	L.F.
209-08.07	ROCK CHECK DAM	112.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	24.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	4,154.000	TON
303-01.02	GRANULAR BACKFILL (BRIDGES)	66.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	2,260.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	860.000	TON
307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	48.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	32.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	12.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	48.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	4.000	TON

**Contract ID CNV289 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
407-20.05	SAW CUTTING ASPHALT PAVEMENT	1,800.000	L.F.
411-02.10	ACS MIX(PG70-22) GRADING D	505.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	20.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	12,850.000	S.Y.
602-10.60	BEARING DEVICE (DESCRIPTION) (DESCRIPTION)	10.000	EACH
604-03.04	PAVEMENT @ BRIDGE ENDS	436.000	S.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	101.000	S.Y.
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	70.000	S.Y.
604-10.18	REINFORCING STEEL (REPAIRS)	18,025.000	LB.
604-10.26	BRACING	10.000	EACH
604-10.42	CONCRETE REPAIRS	3,631.000	C.F.
604-10.54	CONCRETE REPAIRS	74.000	S.F.
604-10.60	EXPANSION JOINT REPAIRS (MODULAR TYPE)	88.000	L.F.
604-10.83	COMPOSITE FIBER ENCASEMENT	140.000	S.F.
604-12.15	DRILL & GROUT STEEL BARS	50.000	EACH
606-02.03	STEEL PILES (10 INCH)	910.000	L.F.
606-02.06	PILE TIPS (STEEL PILES, 10 INCH)	20.000	EACH
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	114.000	L.F.
621-03.02	18" TEMPORARY DRAINAGE PIPE	2,100.000	L.F.
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	3.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	2,700.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	200.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	90.000	TON
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	144.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	42.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	4,445.000	L.F.
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	1.000	EACH

**Contract ID CNV289 - WILLIAMSON**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	221.000	EACH
712-04.50	BARRIER RAIL DELINEATOR	223.000	EACH
712-06	SIGNS (CONSTRUCTION)	593.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	48.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	1,920.000	HOURL
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	54,020.000	L.F.
712-09.30	REMOVABLE BLACK-OUT TAPE (6")	14,821.000	L.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	4.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	0.100	L.M.
717-01	MOBILIZATION	(1)	LS
740-07.04	GEOGRID REINFORCEMENT TYPE 2	3,494.000	S.Y.
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,588.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	782.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	12,444.000	L.F.
801-01	SEEDING (WITH MULCH)	143.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	196.000	UNIT
801-03	WATER (SEEDING & SODDING)	34.000	M.G.
803-01	SODDING (NEW SOD)	15,506.000	S.Y.

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

**Contract ID CNV309 - WILLIAMSON**

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**Contract ID:** CNV309

**Letting Date:** October 08, 2021 10:00 AM

**Projects:** 94NMSC-S3-002

NA

**Counties:** WILLIAMSON

**District:**

**DBE Goal Percent:**

**Description:** The construction of a brine shed at I-840 and U.S. 431 (S.R. 106) in Franklin.

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

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>
607-65.20	SITE PREPARATION	1.000	EACH
680-02.01	BUILDING (DESCRIPTION) (FOUNDATION AND STRUCTURE)	1.000	EACH
717-01	MOBILIZATION	(1)	LS

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

