



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

July 11, 2014

NOTICE TO: All Prequalified Contractors

FROM: R. A. Garris, PE   
State Contract Officer

SUBJECT: Broadcast of Raleigh Central Highway Letting

Effective with the July 15, 2014 Highway Letting the broadcast of the bid opening is changing to a new format. The new method will be broadcast via LiveStream. This can be accessed by clicking on the link below or by using the following manual process.

Go to [Raleigh Central Letting](#) and click on "Live Now" which will be available 15 minutes prior to Letting.

Manual process:

Go to [www.livestream.com](http://www.livestream.com), click on the "Watch" button and then type NCDOT Raleigh Central Letting into the search events window. Select the Raleigh Central Letting event for the desired date. Click "Live Now" to listen to the audio after the event has started.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900  
FAX: 919-250-4119

WEBSITE: [WWW.NCDOT.GOV](http://WWW.NCDOT.GOV)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON DECEMBER 16, 2014. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE  
<https://connect.ncdot.gov/letting/Pages/>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

**CONTRACTOR'S LICENSE:** A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

**PREQUALIFYING TO BID:** ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS NOVEMBER 18, 2014.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Fussell, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Robert W Stone II, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Reuben D Chandler, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

**Bid Letting Number** L141216

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C203513	35781.3.FD1	PITT	1.447 MI	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURE.
002	C203503	40226.3.FS1	BLADEN	1.108 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
003	C203499	38514.3.FD1	DAVIDSON	0.303 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C203502	46267.3.FS1	BUNCOMBE	7.470 MI	MILL, RESURF, ULTRA-THIN, SHLDR RECONST & BRG PRESERVATION.
005	C203620	50136.3.FS1	HAYWOOD	0.674 MI	GRADING, DRAINAGE, PAVING & TUNNEL REPAIR.

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L141216 001

CONTRACT ID : C203513 35781.3.FD1

DIV OFFICE GREENVILLE

LENGTH = 1.447 MI

COUNTY : PITT

GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : APR 30 2018

STANTONBURG RD/10TH ST CONNECTOR FROM MEMORIAL DR TO SR-1702 (EVANS ST).

ROADWAY ITEMS					
			460	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS IV (SEALED)
			216	LF	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS III (SEALED)
			220	LF	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS IV (SEALED)
			224	LF	GENERIC PIPE ITEM 42" RC PIPE CULVERTS, CLASS IV (SEALED)
			556	LF	GENERIC PIPE ITEM 48" RC PIPE CULVERTS, CLASS III (SEALED)
			296	LF	GENERIC PIPE ITEM 48" RC PIPE CULVERTS, CLASS IV (SEALED)
			1,044	LF	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS III (SEALED)
			504	LF	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS IV (SEALED)
			108	LF	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS V (UNDER RR) (SEALED)
			424	LF	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS III (SEALED)
			280	LF	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS IV (SEALED)
			432	LF	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS V (SEALED)
			312	LF	GENERIC PIPE ITEM 66" RC PIPE CULVERTS, CLASS IV (SEALED)
			408	LF	GENERIC PIPE ITEM 72" RC PIPE CULVERTS, CLASS IV (SEALED)
			3	EA	GENERIC PIPE ITEM ROOF DRAIN SYSTEM
			46	EA	GENERIC PIPE ITEM STRUCTURE SEALED WITH BOOTS
			11,255	LF	PIPE REMOVAL
			5,750	CY	SHALLOW UNDERCUT
			10,000	TON	CLASS IV SUBGRADE STABILIZA- TION
			13,000	TON	CLASS IV AGGREGATE STABILIZA- TION
			6,720	SY	GEOTEXTILE FOR PAVEMENT STA- BILIZATION
			1,000	TON	INCIDENTAL STONE BASE
			10,900	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
			17,300	SY	MILLING ASPHALT PAVEMENT, ***" TO *****" (0" TO 3")
			11,800	SY	INCIDENTAL MILLING
			2,570	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
			13,460	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
			2,940	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			20,270	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			2,800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			14,430	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			2,830	TON	ASPHALT BINDER FOR PLANT MIX
			200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
			575	CY	SUBDRAIN EXCAVATION
			430	CY	SUBDRAIN FINE AGGREGATE
			2,550	LF	6" PERFORATED SUBDRAIN PIPE
			6	EA	SUBDRAIN PIPE OUTLET
			36	LF	6" OUTLET PIPE
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	FIELD OFFICE			
700	HR	GENERIC MISCELLANEOUS ITEM EXPLORATORY EXCAVATION - STANDARD			
150	HR	GENERIC MISCELLANEOUS ITEM EXPLORATORY EXCAVATION - VACUUM			
4	EA	SEALING ABANDONED WELLS			
5,000	CY	UNDERCUT EXCAVATION			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
Lump Sum	LS	GRADING			
102,000	CY	BORROW EXCAVATION			
19	EA	EMBANKMENT SETTLEMENT GAUGES			
5	HR	PROOF ROLLING			
5,000	CY	SELECT GRANULAR MATERIAL			
8,000	SY	GEOTEXTILE FOR SOIL STABILIZA- TION			
3,130	SF	TEMPORARY SHORING			
2,580	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES			
8,120	SY	FOUNDATION CONDITIONING GEO- TEXTILE			
52	LF	****" RC PIPE CULVERTS, CLASS ***** (48", V)			
1,912	LF	15" RC PIPE CULVERTS, CLASS III			
708	LF	18" RC PIPE CULVERTS, CLASS III			
644	LF	24" RC PIPE CULVERTS, CLASS III			
152	LF	30" RC PIPE CULVERTS, CLASS III			
204	LF	36" RC PIPE CULVERTS, CLASS III			
596	LF	42" RC PIPE CULVERTS, CLASS III			
1,148	LF	48" RC PIPE CULVERTS, CLASS III			
384	LF	54" RC PIPE CULVERTS, CLASS III			
72	LF	60" RC PIPE CULVERTS, CLASS III			
160	LF	72" RC PIPE CULVERTS, CLASS III			
412	LF	78" RC PIPE CULVERTS, CLASS III			
596	LF	*****" RC PIPE CULVERTS, CLASS IV (60")			
256	LF	*****" RC PIPE CULVERTS, CLASS IV (66")			
5,444	LF	15" RC PIPE CULVERTS, CLASS IV			
1,316	LF	18" RC PIPE CULVERTS, CLASS IV			
1,008	LF	24" RC PIPE CULVERTS, CLASS IV			
1,316	LF	30" RC PIPE CULVERTS, CLASS IV			
588	LF	36" RC PIPE CULVERTS, CLASS IV			
32	LF	42" RC PIPE CULVERTS, CLASS IV			
336	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III (SEALED)			
672	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS IV (SEALED)			
88	LF	GENERIC PIPE ITEM 18" RC PIPE CULVERTS, CLASS IV (SEALED)			
448	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS IV (SEALED)			
308	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III (SEALED)			

			89	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			8	EA	DISPOSAL OF SIGN SYSTEM, WOOD
			2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			2	EA	DISPOSAL OF SIGN, D, E OR F
			2	EA	GENERIC SIGNING ITEM
					DISPOSAL OF SIGN SYSTEM ON SPAN WIRE
			1,800	SF	WORK ZONE SIGNS (STATIONARY)
			717	SF	WORK ZONE SIGNS (PORTABLE)
			766	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			4	EA	FLASHING ARROW BOARD
			4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			60	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
			333	EA	DRUMS
			868	LF	BARRICADES (TYPE III)
			180	DAY	FLAGGER
			1	EA	TEMPORARY CRASH CUSHIONS
			2	EA	RESET TEMPORARY CRASH CUSHION
			2	EA	TMA
			780	LF	PORTABLE CONCRETE BARRIER
			340	LF	RESET PORTABLE CONCRETE BARRIER
			180	HR	LAW ENFORCEMENT
			517	EA	TEMPORARY RAISED PAVEMENT MARKERS
			15,635	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			37,365	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			1,051	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			3,199	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			1,959	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			37	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			260	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			810	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
			83,561	LF	PAINT PAVEMENT MARKING LINES (4")
			1,736	LF	PAINT PAVEMENT MARKING LINES (8")
			9,358	LF	PAINT PAVEMENT MARKING LINES (24")
			282	EA	PAINT PAVEMENT MARKING SYMBOL
			24,889	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			175	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			699	EA	PERMANENT RAISED PAVEMENT MARKERS
			18	EA	7' U-CHANNEL POSTS
			15,840	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
			Lump Sum	LS	PORTABLE LIGHTING
			579	LF	*** WATER LINE (14")
			11	LF	2" WATER LINE
			2,226	LF	6" WATER LINE
			5,924	LF	8" WATER LINE
			423	LF	10" WATER LINE
			2,666	LF	12" WATER LINE
			6	EA	2" VALVE
			22	EA	6" VALVE
			22	EA	8" VALVE
			6	EA	10" VALVE
			6	EA	12" VALVE
			31	EA	RELOCATE WATER METER
			2	EA	RECONNECT WATER METER
			14	EA	FIRE HYDRANT
			115	LF	8" SANITARY GRAVITY SEWER
			2	EA	4' DIA UTILITY MANHOLE
			8	EA	REMOVE FIRE HYDRANT
			200	LF	24" ENCASEMENT PIPE
			200	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
			90	LF	*** GAS LINE (3/4")
			4,133	LF	2" GAS LINE
			1,043	LF	4" GAS LINE
			966	LF	8" GAS LINE
			7	EA	*** GAS VALVE (3/4")
			7	EA	2" GAS VALVE
7	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
1.961	CY	PIPE COLLARS			
0.182	CY	PIPE PLUGS			
135	CY	FLOWABLE FILL			
270	EA	MASONRY DRAINAGE STRUCTURES			
241	CY	MASONRY DRAINAGE STRUCTURES			
151	LF	MASONRY DRAINAGE STRUCTURES			
31	EA	FRAME WITH TWO GRATES, STD 840.16			
1	EA	FRAME WITH TWO GRATES, STD 840.20			
1	EA	FRAME WITH TWO GRATES, STD 840.22			
21	EA	FRAME WITH TWO GRATES, STD 840.24			
6	EA	FRAME WITH TWO GRATES, STD 840.29			
63	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
91	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
78	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
22	EA	FRAME WITH COVER, STD 840.54			
20	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET			
5	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN			
10	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET			
1	EA	GENERIC DRAINAGE ITEM			
		CONCRETE FLUME IN 2'-0" C&G			
170	LF	***X *** CONCRETE CURB (8" X 12")			
490	LF	***.*** CONCRETE CURB & GUTTER (2'-0")			
7,420	LF	1'-6" CONCRETE CURB & GUTTER			
25,570	LF	2'-6" CONCRETE CURB & GUTTER			
17,030	SY	4" CONCRETE SIDEWALK			
130	EA	CONCRETE CURB RAMP			
4,220	SY	6" CONCRETE DRIVEWAY			
2,410	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
50	SY	GENERIC PAVING ITEM			
		CONCRETE PAVER SIDEWALK			
75	SY	GENERIC PAVING ITEM			
		REMOVE & RESET BRICK CROSSWALK			
620	SY	GENERIC PAVING ITEM			
		SCORED CONCRETE SIDEWALK			
5	EA	ADJUSTMENT OF CATCH BASINS			
1	EA	ADJUSTMENT OF DROP INLETS			
2	EA	ADJUSTMENT OF MANHOLES			
95	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
2,650	LF	STEEL BM GUARDRAIL			
20	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS			
15	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
510	LF	CHAIN LINK FENCE RESET			
2,350	LF	GENERIC FENCING ITEM			
		ORNAMENTAL FENCE (ROADWAY)			
1,600	SY	GEOTEXTILE FOR DRAINAGE			
53	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)			
1,074	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
77	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)			
1,876	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
4	EA	SIGN ERECTION, TYPE D			
196	EA	SIGN ERECTION, TYPE E			
7	EA	SIGN ERECTION, TYPE F			
2	EA	SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (D)			
1	EA	SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (E)			
10	EA	STOCKPILE SIGN SYSTEM, U-CHANNEL			

2	EA	4" GAS VALVE	38	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
47	EA	GENERIC UTILITY ITEM 12" VITRON GASKET	31,380	LF	SIGNAL CABLE
24	EA	GENERIC UTILITY ITEM 8" VITRON GASKET	101	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
41,500	LF	TEMPORARY SILT FENCE	14	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
500	TON	STONE FOR EROSION CONTROL, CLASS A	9	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
1,100	TON	STONE FOR EROSION CONTROL, CLASS B	2	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
4,000	TON	SEDIMENT CONTROL STONE	3,565	LF	MESSENGER CABLE (3/8")
26.5	ACR	TEMPORARY MULCHING	65	LF	BORE & JACK (*****) (1,5")
1,300	LB	SEED FOR TEMPORARY SEEDING	940	LF	TRACER WIRE
6.5	TON	FERTILIZER FOR TEMPORARY SEEDING	4,005	LF	UNPAVED TRENCHING (*****) (1, 2")
1,200	LF	TEMPORARY SLOPE DRAINS	1,265	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
100	LF	SAFETY FENCE	1,470	LF	DIRECTIONAL DRILL (*****) (2, 2")
900	CY	SILT EXCAVATION	90	EA	JUNCTION BOX (STANDARD SIZE)
5,000	SY	MATting FOR EROSION CONTROL	6	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
17,500	LF	1/4" HARDWARE CLOTH	11	EA	WOOD POLE
680	LF	COIR FIBER BAFFLE	32	EA	GUY ASSEMBLY
24	ACR	SEEDING & MULCHING	3	EA	1" RISER WITH WEATHERHEAD
21	ACR	MOWING	6	EA	2" RISER WITH WEATHERHEAD
300	LB	SEED FOR REPAIR SEEDING	1	EA	HEAT SHRINK TUBING RETROFIT KIT
1	TON	FERTILIZER FOR REPAIR SEEDING	4	EA	2" RISER WITH HEAT SHRINK TUBING
550	LB	SEED FOR SUPPLEMENTAL SEEDING	17,462	LF	INDUCTIVE LOOP SAWCUT
16.5	TON	FERTILIZER TOPDRESSING	36,195	LF	LEAD-IN CABLE (*****) (14-2)
50	MHR	SPECIALIZED HAND MOWING	1,820	LF	COMMUNICATIONS CABLE (**FIBER) (12)
100	EA	RESPONSE FOR EROSION CONTROL	2	EA	MODIFY SPLICE ENCLOSURE
700	LB	GENERIC EROSION CONTROL ITEM TIF BLAIR CENTIPEDE GRASS SEED	4	EA	INTERCONNECT CENTER
8	EA	GENERIC PLANTING ITEM ACER BUERGERIANUM, TRIDENT MAPLE	4	EA	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING
10	EA	GENERIC PLANTING ITEM ACER PALMATUM, BLOODGOOD JAPANESE MAPLE	1,500	LF	REMOVE EXISTING COMMUNICATIONS CABLE
76	EA	GENERIC PLANTING ITEM BUDDLEJA DAVIDII, BLUE CHIP BUTTERFLY BUSH	2	EA	METAL STRAIN SIGNAL POLE
1,565	EA	GENERIC PLANTING ITEM HEMEROCALLIS, STELLA DE ORO DAYLILLY	3	EA	METAL POLE WITH SINGLE MAST ARM
489	EA	GENERIC PLANTING ITEM ILEX CORNUTA, CARISSA HOLLY	16	EA	SOIL TEST
3	EA	GENERIC PLANTING ITEM ILEX OPACA, GREENLEAF HOLLY	128	CY	DRILLED PIER FOUNDATION
425	EA	GENERIC PLANTING ITEM ILEX VOMITORIA, NANA DWARF YAUPON HOLLY	6	EA	METAL STRAIN POLE DESIGN
11	EA	GENERIC PLANTING ITEM ILEX X ATTENUATA, FOSTER NO 2 HOLLY	8	EA	MAST ARM WITH METAL POLE DESIGN
84	EA	GENERIC PLANTING ITEM LAGERSTROEMIA, CRAPE MYRTLE	24	EA	SIGN FOR SIGNALS
24	EA	GENERIC PLANTING ITEM LAGERSTROEMIA, INDICA, DWARF VICTOR CRAPE MYRTLE	3	EA	TYPE I POST WITH FOUNDATION
82	EA	GENERIC PLANTING ITEM LAGERSTROEMIA, MUSKOGEE CRAPE MYRTLE	30	EA	TYPE II PEDESTAL WITH FOUNDATION
119	EA	GENERIC PLANTING ITEM LAGERSTROEMIA, NATCHEZ CRAPE MYRTLE	4	EA	SIGNAL CABINET FOUNDATION
122	EA	GENERIC PLANTING ITEM LIRIOPE MUSCARI, BIG BLUE LILYTURF	4	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)
104	EA	GENERIC PLANTING ITEM LOROPETALUM CHINENSE RUBRUM, DWARF RUBY FRINGE FLOWER	42	EA	DETECTOR CARD (NEMA TS-2)
22	EA	GENERIC PLANTING ITEM QUERCUS NUTTALLII, NUTTALL OAK	9	EA	METAL POLE FOUNDATION REMOVAL
14	EA	GENERIC PLANTING ITEM QUERCUS PHELLOS, HIGHTOWER WILLOW OAK	9	EA	METAL POLE REMOVAL
400	EA	GENERIC PLANTING ITEM ROSA, RADRAZZ KNOCKOUT ROSE	2	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
16	EA	GENERIC PLANTING ITEM TAXODIUM DISTICHUM, AUTUMN GOLD BLAD CYPRESS	2	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
39	EA	GENERIC PLANTING ITEM ULMUS PARVIFOLIA, ATHENA ELM	2	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH
9	EA	GENERIC PLANTING ITEM PRECAST COLUMN	5	EA	GENERIC SIGNAL ITEM METAL POLE WITH SINGLE MAST ARM AND LUMINAIRE ARM
9	EA	GENERIC PLANTING ITEM PRECAST COLUMN SIGN	6	EA	GENERIC SIGNAL ITEM METAL STRAIN SIGNAL POLE WITH LUMINAIRE ARM
4	EA	GENERIC PLANTING ITEM REMOVE & RESET COLUMN	3	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PUSH BUTTON POST (BLACK)
700	CY	MULCH FOR PLANTING	30	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SIGNAL PEDESTAL (BLACK)
11,650	SY	GENERIC PLANTING ITEM TIF BLAIR CENTIPEDE GRASS SOD	8	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM POLE (BLACK)
			8	EA	GENERIC SIGNAL ITEM POWDER COAT FOR STRAIN POLE (BLACK)
			600	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTC CABLE
			200	LF	GENERIC SIGNAL ITEM CCTV UNIFIED CABLE

**WALL ITEMS**

21,430	SF	MSE RETAINING WALL NO **** (1)
27,710	SF	MSE RETAINING WALL NO **** (2)
Lump Sum	LS	GENERIC RETAINING WALL ITEM BRICK FACADE @ MSE WALL NO 1
Lump Sum	LS	GENERIC RETAINING WALL ITEM BRICK FACADE @ MSE WALL NO 2
261	LF	GENERIC RETAINING WALL ITEM ORNAMENTAL FENCE FOR RETAINING WALL
565	SF	GENERIC RETAINING WALL ITEM CIP CANTILEVER RET WALL NO 3
1,005	SF	GENERIC RETAINING WALL ITEM CIP CANTILEVER RET WALL NO 4

**STRUCTURE ITEMS**

2	EA	PDA TESTING
13,932	SF	REINFORCED CONCRETE DECK SLAB
12,330	SF	GROOVING BRIDGE FLOORS
72.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (65+56.61 -L-)
11,778	LB	REINFORCING STEEL (BRIDGE)
646,000	LS	APPROX ..... LBS STRUCTURAL STEEL
2,800	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
28	EA	PIPE PILE PLATES
28	EA	PILE REDRIVES
356.7	LF	VERTICAL CONCRETE BARRIER RAIL
54	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA***** (65+56.61 -L-)
Lump Sum	LS	GENERIC STRUCTURE ITEM APPLICATION OF BRIDGE COATING
356.7	LF	GENERIC STRUCTURE ITEM ORNAMENTAL FENCE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L141216 002

CONTRACT ID : C203503 40226.3.FS1

DIV OFFICE FAYETTEVILLE

LENGTH = 1.108 MI

COUNTY : BLADEN

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 11.0% COMPLETION DATE : MAR 14 2018

NC-87 AT US-701.

ROADWAY ITEMS

			9,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			1,500	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
			300	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
	2	ACR	1,599.4	CY	SUBDRAIN EXCAVATION
		SUPPLEMENTARY CLEARING & GRUBBING	4,760	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (279+43.22 -Y02- EBL)	799.7	CY	SUBDRAIN COARSE AGGREGATE
			4,760	LF	6" PERFORATED SUBDRAIN PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (279+48.87 -Y02- WBL)	10	EA	SUBDRAIN PIPE OUTLET
			60	LF	6" OUTLET PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (67+16.50 -L-)	1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
			7.9	CY	ENDWALLS
2,500	CY	DRAINAGE DITCH EXCAVATION	11.9	CY	REINFORCED ENDWALLS
1,200	LF	BERM DITCH CONSTRUCTION	0.798	CY	PIPE COLLARS
27,800	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	58	EA	MASONRY DRAINAGE STRUCTURES
	14	HR	9.171	CY	MASONRY DRAINAGE STRUCTURES
		PROOF ROLLING	62.9	LF	MASONRY DRAINAGE STRUCTURES
5,300	CY	SELECT GRANULAR MATERIAL	2	EA	FRAME WITH GRATE, STD 840.24
5,900	SY	GEOTEXTILE FOR SOIL STABILIZATION	7	EA	FRAME WITH TWO GRATES, STD 840.16
	950	TON	1	EA	FRAME WITH TWO GRATES, STD 840.20
		FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	11	EA	FRAME WITH TWO GRATES, STD 840.22
2,970	SY	FOUNDATION CONDITIONING GEOTEXTILE	16	EA	FRAME WITH TWO GRATES, STD 840.24
	292	LF	5	EA	FRAME WITH TWO GRATES, STD 840.29
	680	LF	13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	4	EA	5	EA	FRAME WITH TWO GRATES, STD 840.29
		**" DRAINAGE PIPE ELBOWS (15")	5	EA	FRAME WITH COVER, STD 840.54
160	LF	15" SIDE DRAIN PIPE	3	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
196	LF	18" SIDE DRAIN PIPE	7	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
592	LF	15" RC PIPE CULVERTS, CLASS III	5,560	LF	1'-6" CONCRETE CURB & GUTTER
	248	LF	1,240	LF	2'-6" CONCRETE CURB & GUTTER
		18" RC PIPE CULVERTS, CLASS III	280	LF	SHOULDER BERM GUTTER
	348	LF	2	EA	MODIFIED CONCRETE FLUME
		24" RC PIPE CULVERTS, CLASS III	350	LF	CONCRETE EXPRESSWAY GUTTER
	204	LF	800	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
		30" RC PIPE CULVERTS, CLASS III	5	EA	ADJUSTMENT OF DROP INLETS
	88	LF	1	EA	ADJUSTMENT OF MANHOLES
		36" RC PIPE CULVERTS, CLASS III	2,450	LF	STEEL BM GUARDRAIL
	576	LF	25	EA	ADDITIONAL GUARDRAIL POSTS
		42" RC PIPE CULVERTS, CLASS III	5	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)
	176	LF	3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
		54" RC PIPE CULVERTS, CLASS III	9	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
	68	LF	2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
		60" RC PIPE CULVERTS, CLASS III	8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
	376	LF	1,500	LF	REMOVE EXISTING GUARDRAIL
		66" RC PIPE CULVERTS, CLASS III	225	LF	TEMPORARY STEEL BM GUARDRAIL
	1,548	LF	275	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
		15" RC PIPE CULVERTS, CLASS IV	2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
	960	LF	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)
		18" RC PIPE CULVERTS, CLASS IV	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
	796	LF	6,700	LF	WOVEN WIRE FENCE, 47" FABRIC
		24" RC PIPE CULVERTS, CLASS IV	440	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
	416	LF	90	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
		30" RC PIPE CULVERTS, CLASS IV			
	848	LF			
		36" RC PIPE CULVERTS, CLASS IV			
	196	LF			
		42" RC PIPE CULVERTS, CLASS IV			
	24	LF			
		15" CS PIPE CULVERTS, 0.064" THICK			
	76	LF			
		18" CS PIPE CULVERTS, 0.064" THICK			
	28	LF			
		24" CS PIPE CULVERTS, 0.064" THICK			
	393	LF			
		PIPE REMOVAL			
	290	SY			
		6" SLOPE PROTECTION			
Lump Sum	LS	FINE GRADING			
	300	CY			
		SHALLOW UNDERCUT			
	600	TON			
		CLASS IV SUBGRADE STABILIZATION			
	500	TON			
		INCIDENTAL STONE BASE			
	600	SY			
		INCIDENTAL MILLING			
	4,400	TON			
		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
	7,300	TON			
		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
	2,600	TON			
		ASPHALT CONC SURFACE COURSE, TYPE S9.5B			

			20	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)	
			20	EA	FLEXIBLE DELINEATORS (YELLOW & RED)	
680	TON	RIP RAP, CLASS I				
180	TON	RIP RAP, CLASS B				
4,210	SY	GEOTEXTILE FOR DRAINAGE	15.5	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES	
20	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	949	LF	6" WATER LINE	
			1,692	LF	12" WATER LINE	
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	2	EA	6" VALVE	
			4	EA	12" VALVE	
11,573	LB	SUPPORTS, BREAKAWAY STEEL BEAM	1	EA	2" BLOW OFF	
3,563	LB	SUPPORTS, SIMPLE STEEL BEAM	1	EA	3/4" WATER METER	
1,609	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	120	LF	4" SANITARY GRAVITY SEWER	
14	EA	SIGN ERECTION, TYPE D	2,054	LF	8" SANITARY GRAVITY SEWER	
69	EA	SIGN ERECTION, TYPE E	1	EA	SANITARY SEWER CLEAN-OUT	
17	EA	SIGN ERECTION, TYPE F	6	EA	4' DIA UTILITY MANHOLE	
9	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	1	EA	5' DIA UTILITY MANHOLE	
			48.1	LF	UTILITY MANHOLE WALL, 4' DIA	
			12.4	LF	UTILITY MANHOLE WALL, 5' DIA	
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	3,194	LF	ABANDON 8" UTILITY PIPE	
			1,549	LF	ABANDON 12" UTILITY PIPE	
2	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD	1	EA	REMOVE FIRE HYDRANT	
			7	EA	REMOVE UTILITY MANHOLE	
83	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	220	LF	16" ENCASEMENT PIPE	
			244	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL	
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	220	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL	
Lump Sum	LS	GENERIC SIGNING ITEM DISPOSAL OF FLASHER SYSTEM	7	EA	GENERIC UTILITY ITEM STEEL H-PILE PIER	
1,079	SF	WORK ZONE SIGNS (STATIONARY)	34,500	LF	TEMPORARY SILT FENCE	
384	SF	WORK ZONE SIGNS (PORTABLE)	1,700	TON	STONE FOR EROSION CONTROL, CLASS A	
148	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	5,020	TON	STONE FOR EROSION CONTROL, CLASS B	
2	EA	FLASHING ARROW BOARD	3,600	TON	SEDIMENT CONTROL STONE	
5	EA	PORTABLE CHANGEABLE MESSAGE SIGN	96	ACR	TEMPORARY MULCHING	
60	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	4,600	LB	SEED FOR TEMPORARY SEEDING	
425	EA	DRUMS	24.5	TON	FERTILIZER FOR TEMPORARY SEEDING	
25	EA	CONES				
208	LF	BARRICADES (TYPE III)	4,000	LF	TEMPORARY SLOPE DRAINS	
100	DAY	FLAGGER	3,400	LF	SAFETY FENCE	
2	EA	TEMPORARY CRASH CUSHIONS	9,760	CY	SILT EXCAVATION	
2	EA	RESET TEMPORARY CRASH CUSHION	64,000	SY	MATTING FOR EROSION CONTROL	
2	EA	TMA	1,000	SY	COIR FIBER MAT	
850	LF	PORTABLE CONCRETE BARRIER	1,900	SY	PERMANENT SOIL REINFORCEMENT MAT	
470	LF	RESET PORTABLE CONCRETE BARRIER	3,700	LF	1/4" HARDWARE CLOTH	
200	HR	LAW ENFORCEMENT	315	SY	LOW PERMEABILITY GEOTEXTILE	
200	EA	TEMPORARY RAISED PAVEMENT MARKERS	4,300	LF	COIR FIBER WATTLE	
42,191	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	2,400	LB	POLYACRYLAMIDE (PAM)	
20,553	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	3,820	LF	COIR FIBER BAFFLE	
1,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	12	EA	*** SKIMMER (1-1/2")	
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	1	EA	*** SKIMMER (2")	
348	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	78	ACR	SEEDING & MULCHING	
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	30	ACR	MOWING	
59	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1,000	LB	SEED FOR REPAIR SEEDING	
930	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)	3	TON	FERTILIZER FOR REPAIR SEEDING	
1,640	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	1,875	LB	SEED FOR SUPPLEMENTAL SEEDING	
85	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (III)	56.25	TON	FERTILIZER TOPDRESSING	
1	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)	30	MHR	SPECIALIZED HAND MOWING	
219,918	LF	PAINT PAVEMENT MARKING LINES (4")	120	EA	RESPONSE FOR EROSION CONTROL	
1,442	LF	PAINT PAVEMENT MARKING LINES (8")	3	ACR	REFORESTATION	
1,156	LF	PAINT PAVEMENT MARKING LINES (24")	1,610	LF	SIGNAL CABLE	
172	EA	PAINT PAVEMENT MARKING SYMBOL	12	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
9,927	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
283	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	145	LF	MESSENGER CABLE (1/4")	
20	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	190	LF	MESSENGER CABLE (3/8")	
563	EA	PERMANENT RAISED PAVEMENT MARKERS	1,685	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN	
40	EA	FLEXIBLE DELINEATORS (CRYSTAL)	4	EA	WOOD POLE	
22	EA	FLEXIBLE DELINEATORS (YELLOW)	4	EA	GUY ASSEMBLY	
			3	EA	2" RISER WITH WEATHERHEAD	
			2,305	LF	INDUCTIVE LOOP SAWCUT	
			6,640	LF	LEAD-IN CABLE (***** (14-2))	
			1	EA	SIGN FOR SIGNALS	
			5	EA	GENERIC SIGNAL ITEM BACK FILL JUNCTION BOX	
			200	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE	
					***** BEGIN SCHEDULE AA *****	
					***** ( 2 ALTERNATES ) *****	
			330,000	CY	UNCLASSIFIED EXCAVATION	
			8,605	CY	UNDERCUT EXCAVATION	

3,600	TON	AGGREGATE BASE COURSE
6,600	CY	SHOULDER BORROW
2,100	GAL	PRIME COAT
7,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
8,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
2,070	TON	ASPHALT BINDER FOR PLANT MIX *** OR ***
337,000	CY	UNCLASSIFIED EXCAVATION
8,770	CY	UNDERCUT EXCAVATION
34,800	TON	AGGREGATE BASE COURSE
12,100	CY	SHOULDER BORROW
16,870	GAL	PRIME COAT
2,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
370	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1,500	TON	ASPHALT BINDER FOR PLANT MIX

\*\*\* END SCHEDULE AA \*\*\*

**STRUCTURE ITEMS**

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (67+16.50 -L-)
3	EA	PDA TESTING
21,035	SF	REINFORCED CONCRETE DECK SLAB
24,824	SF	GROOVING BRIDGE FLOORS
272.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (46+73.19 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (46+73.19 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (67+16.50 -L-)
41,183	LB	REINFORCING STEEL (BRIDGE)
604.5	LF	36" PRESTRESSED CONCRETE GIR- DERS
671,000	LS	APPROX ..... LBS STRUCTURAL STEEL
3,720	LF	HP12X53 STEEL PILES
840	LF	HP14X73 GALVANIZED STEEL PILES
34	EA	PILE REDRIVES
829.13	LF	CONCRETE BARRIER RAIL
900	SY	4" SLOPE PROTECTION
375	TON	RIP RAP CLASS II (2'-0" THICK)
415	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
2,649	SF	GENERIC STRUCTURE ITEM CONCRETE STAINING
2,879	SF	GENERIC STRUCTURE ITEM PAINTING OF STRUCTURAL STEEL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L141216 003

CONTRACT ID : C203499 38514.3.FD1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.303 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 12 2016

BRIDGE #38 OVER MUDDY CREEK ON SR-1493.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (20+92.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
400	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
22,500	CY	BORROW EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
650	SY	GEOTEXTILE FOR SOIL STABILIZATION
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
190	SY	FOUNDATION CONDITIONING GEOTEXTILE
216	LF	15" SIDE DRAIN PIPE
216	LF	18" SIDE DRAIN PIPE
92	LF	18" RC PIPE CULVERTS, CLASS III
28	LF	15" CS PIPE CULVERTS, 0.064" THICK
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
306	LF	PIPE REMOVAL
100	CY	SHALLOW UNDERCUT
200	TON	CLASS IV SUBGRADE STABILIZATION
700	TON	AGGREGATE BASE COURSE
400	TON	INCIDENTAL STONE BASE
250	SY	INCIDENTAL MILLING
890	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
690	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,120	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
148	TON	ASPHALT BINDER FOR PLANT MIX
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
19	EA	RIGHT OF WAY MARKERS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
25	LF	SHOULDER BERM GUTTER
10	SY	6" CONCRETE DRIVEWAY
250	LF	STEEL BM GUARDRAIL
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
53	LF	REMOVE EXISTING GUARDRAIL
30	TON	RIP RAP, CLASS B
1,970	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
61	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
72	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
100	EA	DRUMS
30	EA	CONES
200	LF	BARRICADES (TYPE III)
228	DAY	FLAGGER

25	EA	TEMPORARY RAISED PAVEMENT MARKERS
3,540	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,318	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
24	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
282	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
2,800	LF	PAINT PAVEMENT MARKING LINES (4")
3,600	LF	TEMPORARY SILT FENCE
300	TON	STONE FOR EROSION CONTROL, CLASS A
585	TON	STONE FOR EROSION CONTROL, CLASS B
745	TON	SEDIMENT CONTROL STONE
5.4	ACR	TEMPORARY MULCHING
400	LB	SEED FOR TEMPORARY SEEDING
4	TON	FERTILIZER FOR TEMPORARY SEEDING
1,000	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
1,010	CY	SILT EXCAVATION
10,900	SY	MATting FOR EROSION CONTROL
600	SY	COIR FIBER MAT
750	SY	PERMANENT SOIL REINFORCEMENT MAT
625	LF	1/4" HARDWARE CLOTH
110	SY	FLOATING TURBIDITY CURTAIN
18	EA	SPECIAL STILLING BASINS
800	LF	WATTLE
275	LB	POLYACRYLAMIDE (PAM)
360	LF	COIR FIBER BAFFLE
4	EA	*** SKIMMER (1-1/2")
5.4	ACR	SEEDING & MULCHING
2.7	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
150	LB	SEED FOR SUPPLEMENTAL SEEDING
4.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+92.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+92.00-L-)
106.65	LF	3'-6" DIA DRILLED PIERS IN SOIL
106	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
56.12	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	CSL TESTING
139.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+92.00-L-)
43,381	LB	REINFORCING STEEL (BRIDGE)
8,175	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
385	LF	HP12X53 STEEL PILES
545.25	LF	TWO BAR METAL RAIL
561	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-10 1/2")
636	TON	RIP RAP CLASS II (2'-0" THICK)
705	SY	GEOTEXTILE FOR DRAINAGE

Lump Sum	LS	ELASTOMERIC BEARINGS
3,080	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L141216 004****CONTRACT ID : C203502 46267.3.FS1****DIV OFFICE ASHEVILLE****LENGTH = 7.470 MI****COUNTY : BUNCOMBE****MILL, RESURF, ULTRA-THIN, SHLDR RECONST & BRG PRESERVATION.****DBE GOAL 8.0% COMPLETION DATE : OCT 15 2015****FUTURE I-26 FROM SR-1733 TO SR-1781.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
105	CY	UNDERCUT EXCAVATION
629	SY	GEOTEXTILE FOR SOIL STABILIZATION
213	TON	CLASS IV SUBGRADE STABILIZATION
22.94	SMI	SHOULDER RECONSTRUCTION
15,580	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
14,800	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
4,250	SY	INCIDENTAL MILLING
23,175	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
500	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,401	TON	ASPHALT BINDER FOR PLANT MIX
116	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
2,228	TON	ULTRA-THIN BONDED WEARING COURSE
65,350	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
121,104	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
65,350	SY	GENERIC PAVING ITEM FINE MILLING
3,145	SY	GENERIC PAVING ITEM REPAIR OF JOINTED CONCRETE PAVEMENT SLAB
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
84,238	LF	REMOVE & RESET EXISTING GUARDRAIL
592	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
110	HR	LAW ENFORCEMENT
27	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
105,160	LF	PAINT PAVEMENT MARKING LINES (6")
180,650	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
9,654	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,676	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
16.66	ACR	SEEDING & MULCHING
76	SY	CLASS II, SURFACE PREPARATION
Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
220	CF	GENERIC STRUCTURE ITEM CONCRETE FOR DECK REPAIR

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L141216 005

CONTRACT ID : C203620 50136.3.FS1

DIV OFFICE SYLVA

LENGTH = 0.674 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING &amp; TUNNEL REPAIR.

DBE GOAL 2.0% COMPLETION DATE : JUL 15 2017

TUNNELS 15, 17 &amp; 104 ON I-40 BETWEEN THE TENNESSEE STATE LINE &amp; SR-1338 (FINES CREEK ROAD).

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	29	LF	GENERIC LIGHTING ITEM
Lump Sum	LS	GRADING			32#6 W/G FEEDER CKT. THHN/THWN WIRE
10	LF	*** PVC PIPE CULVERTS (8")			IN 3" TYPE RGS CONDUIT
310	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5")	101	LF	GENERIC LIGHTING ITEM
19	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			4#6 W/G FEEDER CKT. THHN/THWN WIRE
62	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	6,075	LF	GENERIC LIGHTING ITEM
27	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			4#8 W/G FEEDER CKT. THHN/THWN WIRE
6	TON	ASPHALT BINDER FOR PLANT MIX	2,656	LF	GENERIC LIGHTING ITEM
195	LF	CONCRETE EXPRESSWAY GUTTER			4#8, 2#6 W/G FEEDER CKT. THHN/THWN WIRE
225	LF	STEEL BM GUARDRAIL			IN 1 1/4" TYPE PVC80 CONDUIT
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	82	LF	GENERIC LIGHTING ITEM
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III			6#6 W/G FEEDER CKT. THHN/THWN WIRE
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	5,593	LF	GENERIC LIGHTING ITEM
19	LF	REMOVE EXISTING GUARDRAIL			6#8 W/G FEEDER CKT. THHN/THWN WIRE
371	SF	WORK ZONE SIGNS (STATIONARY)			IN 1 1/4" TYPE PVC80 CONDUIT
500	SF	WORK ZONE SIGNS (PORTABLE)	1	EA	GENERIC LIGHTING ITEM
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			EQUIPMENT DISCONNECT
6	EA	FLASHING ARROW BOARD	19	EA	GENERIC LIGHTING ITEM
5	EA	PORTABLE CHANGEABLE MESSAGE SIGN			INSTALL LED LUMINAIRE (ROADWAY)
320	EA	DRUMS	652	EA	GENERIC LIGHTING ITEM
24	LF	BARRICADES (TYPE III)			INSTALL LED LUMINAIRE (TUNNEL)
4	EA	TMA	1	EA	GENERIC LIGHTING ITEM
4,752	HR	LAW ENFORCEMENT			LIGHT CONTROL EQUIPMENT, TYPE TU (TUNNEL 104)
293	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)	1	EA	GENERIC LIGHTING ITEM
3,330	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")			LIGHT CONTROL EQUIPMENT, TYPE TU (TUNNEL 17)
Lump Sum	LS	PORTABLE LIGHTING	28	EA	GENERIC LIGHTING ITEM
192	LF	GENERIC LIGHTING ITEM			LIGHT STANDARD JUNCTION BOX
		14#6 W/G FEEDER CKT. THHN/THWN WIRE	1	EA	GENERIC LIGHTING ITEM
		IN 2" TYPE RGS CONDUIT			LIGHTING CONTROL EQUIPMENT, TYPE PE TU (TUNNEL 15)
251	LF	GENERIC LIGHTING ITEM	1	EA	GENERIC LIGHTING ITEM
		16#6 W/G FEEDER CKT. THHN/THWN WIRE			PACKAGED DIESEL GENERATOR SET (FOR TUNNEL 104)
		IN 2" TYPE RGS CONDUIT	1	EA	GENERIC LIGHTING ITEM
140	LF	GENERIC LIGHTING ITEM			PACKAGED DIESEL GENERATOR SET (FOR TUNNELS 15 & 17)
		16#6 W/G FEEDER CKT. THHN/THWN WIRE	1	EA	GENERIC LIGHTING ITEM
		IN 3" TYPE PVC CONDUIT			PACKAGED EQUIPMENT ENCLOSURE (FOR TUNNEL 104 LIGHTING SYSTEM)
60	LF	GENERIC LIGHTING ITEM	1	EA	GENERIC LIGHTING ITEM
		16#6 W/G FEEDER CKT. THHN/THWN WIRE			PACKAGED EQUIPMENT ENCLOSURE (FOR TUNNELS 15 & 17 LIGHTING SYSTEM)
		IN 3" TYPE RGS CONDUIT	19	EA	GENERIC LIGHTING ITEM
1,276	LF	GENERIC LIGHTING ITEM			REMOVE LUMINAIRE (ROADWAY)
		2#8 W/G FEEDER CKT. THHN/THWN WIRE	584	EA	GENERIC LIGHTING ITEM
		IN 1 1/4" TYPE PVC80 CONDUIT			REMOVE LUMINAIRE (TUNNEL)
415	LF	GENERIC LIGHTING ITEM	30	EA	GENERIC LIGHTING ITEM
		2#8 W/G FEEDER CKT. THHN/THWN WIRE			SPARE LED LUMINAIRE (TUNNEL)
		IN 1 1/4" TYPE RGS CONDUIT	100	LF	TEMPORARY SILT FENCE
4,766	LF	GENERIC LIGHTING ITEM	50	TON	STONE FOR EROSION CONTROL, CLASS B
		2#8, 2#6 W/G FEEDER CKT. THHN/THWN WIRE			
		IN 1 1/4" TYPE PVC80 CONDUIT	15	TON	SEDIMENT CONTROL STONE
97	LF	GENERIC LIGHTING ITEM	1	ACR	TEMPORARY MULCHING
		28#6 W/G FEEDER CKT. THHN/THWN WIRE	50	LB	SEED FOR TEMPORARY SEEDING
		IN 3" TYPE PVC CONDUIT	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
29	LF	GENERIC LIGHTING ITEM	180	LF	SAFETY FENCE
		28#6 W/G FEEDER CKT. THHN/THWN WIRE	80	CY	SILT EXCAVATION
		IN 3" TYPE RGS CONDUIT	0.5	ACR	SEEDING & MULCHING
			0.5	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.5	TON	FERTILIZER FOR REPAIR SEEDING

50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
100	EA	RESPONSE FOR EROSION CONTROL
1,985.5	CF	SHOTCRETE REPAIRS
62	TON	GENERIC STRUCTURE ITEM FOUNDATION CONDITIONING MATERIAL FOR CONCRETE SLABS
17	CY	GENERIC STRUCTURE ITEM CONCRETE SLABS
21,200	SY	GENERIC STRUCTURE ITEM EPOXY COATING
3	EA	GENERIC STRUCTURE ITEM DRAINAGE PIPE CLEANOUT