



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

December 7, 2017

To Whom It May Concern:

In an effort to maximize transparency and competition on Department projects, starting January 1, 2018, NCDOT will make all requests for plans or proposals for purposes of bidding public. NCDOT will no longer give the option of the name being withheld from the Planholder's list. This change is reflected in the Section 102-3 of the 2018 Standard Specifications for Roads and Structures that will be effective January 1, 2018.

Sincerely,

A handwritten signature in black ink, appearing to read "R. E. Davenport".

Ronald E. Davenport, PE  
State Contract Officer

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT  
1591 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1591

*Telephone:* (919) 707-6900  
*Fax:* (919) 250-4127  
*Customer Service:* 1-877-368-4968

*Location:*  
1020 BIRCH RIDGE DR.  
RALEIGH, NC 27610

*Website:* [www.ncdot.gov](http://www.ncdot.gov)



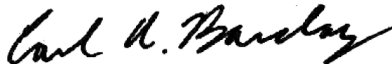
STATE OF NORTH CAROLINA  
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November 15, 2017

NOTICE TO: All Prequalified Contractors

FROM: Carl Barclay, PE   
State Utilities Manager

SUBJECT: Design and Certification of Trenchless Installations (all methods)

Through the AGC/NCDOT Roadway Subcommittee, it has been determined there is little consistency with the enforcement of this requirement. This has resulted in some Contractors not accounting for this expense in their bid. In an effort to improve consistency and fairness among bidders, the Department will enforce this longstanding requirement of the North Carolina Board of Examiners for Engineers and Land Surveyors and NC GS Chapter 89C.

Effective with the January 2018 letting, there will be a renewed effort of enforcement of Articles 1550-1 and 1550-3(B) of the *Standard Specifications for Roads and Structures*, Section 1550-1 requires:

An engineer licensed by the State of North Carolina shall design the method and certify the work will not damage the roadway above or endanger the roadway user.

Article 1550-3(B) requires:

Before construction, provide detailed plans for the method of installation certified by an engineer licensed by the State of North Carolina. Provide certified calculations demonstrating the method of installation as safe and of minimal risk. Provide certified calculations of the structural adequacy of all materials. The design shall meet AASHTO LRFD Bridge Design Specifications. An engineer licensed by the State of North Carolina shall certify changes or modifications to the designed method as needed for actual field conditions.

If you have any questions, please do not hesitate to contact me at [cbarclay@ncdot.gov](mailto:cbarclay@ncdot.gov) or (919) 707-6982.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
UTILITIES UNIT  
1555 MAIL SERVICE CENTER  
RALEIGH NC 27699-1555

TELEPHONE: 919-707-6690  
FAX: 919-250-4151  
CUSTOMER SERVICE: 1-877-368-4968

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 19, 2017. 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 ABID 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, 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C., 27610. 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 21, 2017.  
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	R. Preston Hunter, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Ronald L Keeter, Jr., 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	Brandon H Jones, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	J. Scott Cole, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Mark E Stafford, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Brian C Burch, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L171219

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C204014	46375.3.1	LENOIR	5.815 MI	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.
*002	C203991	45429.3.3	WAKE	0.492 MI	GRADING, DRAINAGE, PAVING, SIGNING, TOLL INFRASTR, & CULVRT.
003	C204093	41665.7A	CUMBERLAND	0.469 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
004	C203989	46048.3.1	ROBESON	0.123 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C203676	42841.3.2	ALAMANCE	0.281 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
006	C203994	44378.3.1	CABARRUS	0.434 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
007	C203990	46106.3.1	ALEXANDER	0.159 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C203986	38376.3.1	CHEROKEE	0.137 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

\*NOTE: RPN 002, C203991, U-5315A & U5315B, WAKE COUNTY HAS A MANDATORY PRE-BID CONFERENCE AT 10:00AM ON TUESDAY, DECEMBER 5, 2017 AT NCDOT CENTURY CENTER BUILDING A, STRUCTURES CONFERENCE ROOM, 1000 BIRCH RIDGE DRIVE, RALEIGH, NC 27610, 919-707-6400.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L171219 001

CONTRACT ID : C204014 46375.3.1

DIV OFFICE GREENVILLE

LENGTH = 5.815 MI

COUNTY :LENOIR

WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.

MBE GOAL 3.0% WBE 6.0% COMPLETION DATE : FEB 28 2022

NC-148 (HARVEY PKWY) FROM NC-58 TO NC-11.

ROADWAY ITEMS					
			328	LF	***" RC PIPE CULVERTS, CLASS ***** (36", V)
Lump Sum	LS	MOBILIZATION	464	LF	***" RC PIPE CULVERTS, CLASS ***** (48", V)
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	FIELD OFFICE	3,180	LF	15" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1,612	LF	18" RC PIPE CULVERTS, CLASS III
66,000	CY	UNCLASSIFIED EXCAVATION	1,640	LF	24" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (166+72.51 -L- LT)	992	LF	30" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (166+72.51 -L- RT)	2,180	LF	36" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (200+91.89 -L- LT)	1,212	LF	42" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (200+91.89 -L- RT)	220	LF	60" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (219+22.38 -L- LT)	212	LF	66" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (219+22.38 -L- RT)	320	LF	****" RC PIPE CULVERTS, CLASS IV (48")
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (281+39.19 -L- LT)	120	LF	****" RC PIPE CULVERTS, CLASS IV (60")
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (281+39.19 -L- RT)	144	LF	****" RC PIPE CULVERTS, CLASS IV (66")
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (342+97.24 -L- LT)	436	LF	****" RC PIPE CULVERTS, CLASS IV (72")
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (342+97.24 -L- RT)	3,276	LF	15" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (364+28.98 -L- LT)	748	LF	18" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (364+28.98 -L- RT)	956	LF	24" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (89+28.52 -L- LT)	300	LF	30" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (89+28.52 -L- RT)	572	LF	36" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION *****	292	LF	42" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION *****	2,356	LF	15" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION *****	160	LF	18" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION *****	236	LF	24" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION *****	60	EA	**" CS PIPE ELBOWS, ***** THICK (15", 0.064")
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION *****	4	EA	**" CS PIPE ELBOWS, ***** THICK (18", 0.064")
47,600	CY	UNDERCUT EXCAVATION	8	EA	**" CS PIPE ELBOWS, ***** THICK (24", 0.064")
3,740,000	CY	BORROW EXCAVATION			
19,010	CY	DRAINAGE DITCH EXCAVATION			
36,170	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	2,462	LF	PIPE REMOVAL
80	HR	PROOF ROLLING	2	EA	PIPE CLEAN-OUT
48,500	CY	SELECT GRANULAR MATERIAL	1,750	SY	6" SLOPE PROTECTION
860,700	SY	GEOTEXTILE FOR SOIL STABILIZATION	Lump Sum	LS	FINE GRADING
500	TON	GENERIC GRADING ITEM CLASS IV AGGREGATE STABILIZATION	4,100	CY	SHALLOW UNDERCUT
3,400	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	8,800	TON	CLASS IV SUBGRADE STABILIZATION
10,690	SY	FOUNDATION CONDITIONING GEOTEXTILE	137,300	TON	AGGREGATE BASE COURSE
20	LF	***" SIDE DRAIN PIPE (36")	500	TON	INCIDENTAL STONE BASE
7,176	LF	15" SIDE DRAIN PIPE	0.1	SMI	SHOULDER RECONSTRUCTION
1,236	LF	18" SIDE DRAIN PIPE	4,870	GAL	PRIME COAT
504	LF	24" SIDE DRAIN PIPE	1,000	SY	INCIDENTAL MILLING
552	LF	****" RC PIPE CULVERTS, CONTRACTOR DESIGN (54")	10,390	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
428	LF	****" RC PIPE CULVERTS, CLASS ***** (24", V)	9,170	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
			58,570	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			6,600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			52,340	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			5,860	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C

			2	CY	PLAIN CONCRETE SIGN FOUNDATIONS
			37	CY	OVERHEAD FOOTING
		9,072	LB	SUPPORTS, BREAKAWAY STEEL BEAM	
		761	LB	SUPPORTS, SIMPLE STEEL BEAM	
		260	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
		12	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	
		3,234	LF	SUPPORTS, WOOD	
		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (317+60)	
		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (344+00)	
		12	EA	SIGN ERECTION, TYPE D	
		139	EA	SIGN ERECTION, TYPE E	
		15	EA	SIGN ERECTION, TYPE F	
		4	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	
		14	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	
		2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	
		12	EA	SIGN ERECTION, MILEMARKERS	
		3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	
		1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	
		46	EA	DISPOSAL OF SIGN SYSTEM, WOOD	
		4,690	SF	WORK ZONE SIGNS (STATIONARY)	
		384	SF	WORK ZONE SIGNS (PORTABLE)	
		624	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
		6	EA	FLASHING ARROW BOARD	
		2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	
		137	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	
		1,165	EA	DRUMS	
		1,048	LF	BARRICADES (TYPE III)	
		3,280	HR	FLAGGER	
		2	EA	TEMPORARY CRASH CUSHIONS	
		2	EA	TMA	
		1,699	LF	PORTABLE CONCRETE BARRIER	
		576	HR	LAW ENFORCEMENT	
		180	EA	TEMPORARY RAISED PAVEMENT MARKERS	
		41	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
		159,347	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	
		26,982	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	
		8,859	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	
		3,459	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	
		168	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
		4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	
		73	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
		299,714	LF	PAINT PAVEMENT MARKING LINES (4")	
		195,859	LF	PAINT PAVEMENT MARKING LINES (6")	
		2,244	LF	PAINT PAVEMENT MARKING LINES (8")	
		13,194	LF	PAINT PAVEMENT MARKING LINES (12")	
		890	LF	PAINT PAVEMENT MARKING LINES (24")	
		4	EA	PAINT PAVEMENT MARKING CHARACTER	
		79	EA	PAINT PAVEMENT MARKING SYMBOL	
		9,492	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE MEDIA)	
		914	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE MEDIA)	
		320	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
		115	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	
		2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	
2,330	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
7,635	TON	ASPHALT BINDER FOR PLANT MIX			
290	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
113,200	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
1,008	CY	SUBDRAIN EXCAVATION			
3,000	SY	GEOTEXTILE FOR SUBSURFACE DRAINS			
504	CY	SUBDRAIN COARSE AGGREGATE			
3,000	LF	6" PERFORATED SUBDRAIN PIPE			
6	EA	SUBDRAIN PIPE OUTLET			
36	LF	6" OUTLET PIPE			
56.9	CY	ENDWALLS			
43	CY	REINFORCED ENDWALLS			
2.7	CY	PIPE COLLARS			
27	CY	FLOWABLE FILL			
213	EA	MASONRY DRAINAGE STRUCTURES			
32.5	LF	MASONRY DRAINAGE STRUCTURES			
3	EA	FRAME WITH TWO GRATES, STD 840.16			
94	EA	FRAME WITH TWO GRATES, STD 840.20			
87	EA	FRAME WITH TWO GRATES, STD 840.22			
1	EA	FRAME WITH TWO GRATES, STD 840.24			
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
1	EA	FRAME WITH COVER, STD 840.54			
3	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET			
1	EA	*** SLUICE GATE (30")			
1	EA	*** SLUICE GATE (36")			
5,040	LF	2'-6" CONCRETE CURB & GUTTER			
15,080	LF	SHOULDER BERM GUTTER			
1	EA	MODIFIED CONCRETE FLUME			
500	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
3	EA	ADJUSTMENT OF DROP INLETS			
23,750	LF	STEEL BM GUARDRAIL			
25	EA	ADDITIONAL GUARDRAIL POSTS			
16	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
31	EA	GUARDRAIL END UNITS, TYPE TL-3			
41	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
800	LF	REMOVE EXISTING GUARDRAIL			
29,000	LF	CABLE GUIDERAIL			
21	EA	ADDITIONAL GUIDERAIL POSTS			
34	EA	CABLE GUIDERAIL ANCHOR UNITS			
68,700	LF	WOVEN WIRE FENCE, 47" FABRIC			
4,410	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
910	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
605	TON	RIP RAP, CLASS I			
340	TON	RIP RAP, CLASS B			
16,510	SY	GEOTEXTILE FOR DRAINAGE			
2,098	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)			
80	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (B)			
182	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)			
1,091	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
167	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)			
32	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (MILEMARKER)			
7	CY	REINFORCED CONCRETE SIGN FOUNDATIONS			



			Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1,364+28.98-L-) RT LANE		
825	LF	GENERIC PAVEMENT MARKING ITEM EPOXY PAVEMENT MARKING LINES, (BLACK) 6"	480	LF	PILE EXCAVATION IN SOIL		
				16	EA	PDA TESTING	
				162,855	SF	REINFORCED CONCRETE DECK SLAB	
112	EA	PERMANENT RAISED PAVEMENT MARKERS	164,988	SF	GROOVING BRIDGE FLOORS		
1,626	EA	SNOWPLOWABLE PAVEMENT MARKERS	1,913	CY	CLASS A CONCRETE (BRIDGE)		
235,000	LF	TEMPORARY SILT FENCE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (166+72.51-L-) LT LANE		
4,450	TON	STONE FOR EROSION CONTROL, CLASS A	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (166+72.51-L-) RT LANE		
80,720	TON	STONE FOR EROSION CONTROL, CLASS B	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (200+91.89-L-) LT LANE		
67,375	TON	SEDIMENT CONTROL STONE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (200+91.89-L-) RT LANE		
412.5	ACR	TEMPORARY MULCHING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (219+22.38-L-) LT LANE		
15,000	LB	SEED FOR TEMPORARY SEEDING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (219+22.38-L-) RT LANE		
76.5	TON	FERTILIZER FOR TEMPORARY SEEDING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (281+39.19-L-) LT LANE		
60,000	LF	TEMPORARY SLOPE DRAINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (281+39.19-L-) RT LANE		
18,000	LF	SAFETY FENCE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (342+97.24-L-) LT LANE		
445,000	CY	SILT EXCAVATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (342+97.24-L-) RT LANE		
846,000	SY	MATTING FOR EROSION CONTROL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) LT LANE		
1,550	SY	COIR FIBER MAT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) RT LANE		
2,000	SY	PERMANENT SOIL REINFORCEMENT MAT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) LT LANE		
7,800	LF	1/4" HARDWARE CLOTH	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) RT LANE		
3,250	SY	LOW PERMEABILITY GEOTEXTILE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) LT LANE		
300	LF	TEMPORARY PIPE FOR STREAM CROSSING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) RT LANE		
117	CY	STILLING BASINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) LT LANE		
68	EA	SPECIAL STILLING BASINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) RT LANE		
32,700	LF	COIR FIBER WATTLE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) LT LANE		
17,150	LB	POLYACRYLAMIDE (PAM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) RT LANE		
77,200	LF	COIR FIBER BAFFLE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) LT LANE		
10	EA	*** SKIMMER (1-1/2")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) RT LANE		
9	EA	*** SKIMMER (2")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) LT LANE		
4	EA	*** SKIMMER (2-1/2")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) RT LANE		
2	EA	*** SKIMMER (3")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) LT LANE		
1	EA	*** SKIMMER (4")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (89+28.52-L-) RT LANE		
350	ACR	SEEDING & MULCHING					
400	ACR	MOWING					
3,950	LB	SEED FOR REPAIR SEEDING	286,974	LB	REINFORCING STEEL (BRIDGE)		
22.75	TON	FERTILIZER FOR REPAIR SEEDING	4,754	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)		
11,325	LB	SEED FOR SUPPLEMENTAL SEEDING	2,008.76	LF	54" PRESTRESSED CONCRETE GIRDERS		
339.25	TON	FERTILIZER TOPDRESSING	12,741.23	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS		
188	LF	IMPERVIOUS DIKE	1,158.96	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS		
270	MHR	SPECIALIZED HAND MOWING	530,100	LS	APPROX ..... LBS STRUCTURAL STEEL		
150	EA	RESPONSE FOR EROSION CONTROL	136	EA	PILE DRIVING EQUIPMENT SETUP FOR *** PRESTRESSED CONCRETE PILES (24")		
3,156	CY	CULVERT DIVERSION CHANNEL	332	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP12X53)		
20	ACR	REFORESTATION	6,200	LF	24" PRESTRESSED CONCRETE PILES		
20	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE	17,126	LF	HP12X53 STEEL PILES		
1	EA	TRAFFIC SIGNAL REMOVAL	176	EA	STEEL PILE POINTS		
3,700	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE	3,731	LF	PREDRILLING FOR PILES		

**CULVERT ITEMS**

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (67+55.47-L-)					
70	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	263	EA	PILE REDRIVES		
82	CY	CLASS A CONCRETE (CULVERT)	7,233.78	LF	CONCRETE BARRIER RAIL		
14,027	LB	REINFORCING STEEL (CULVERT)	7,633	SY	4" SLOPE PROTECTION		
			2,498	TON	RIP RAP CLASS II (2'-0" THICK)		
			2,775	SY	GEOTEXTILE FOR DRAINAGE		
			Lump Sum	LS	ELASTOMERIC BEARINGS		
			Lump Sum	LS	EXPANSION JOINT SEALS		

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (219+22.38-L-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 342+97.24-L-) LT LANE					
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 342+97.24-L-) RT LANE					
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 364+28.98-L-) LT LANE					

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

L171219 002

CONTRACT ID : C203991 45429.3.3

DIV OFFICE DURHAM

LENGTH = 0.492 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNING, TOLL INFRASTR, &amp; CULVRT.

DBE GOAL 12.0% COMPLETION DATE : MAR 29 2020

MORRISVILLE PKWY EXT FROM WEST OF HIGHCROFT DR TO EAST OF MILLS PARK DR IN CARY.

ROADWAY ITEMS			Lump Sum	LS	
					SURFACE TESTING CONCRETE PAVEMENT
			3,272	SY	CONCRETE SHOULDERS ADJACENT TO ***** PAVEMENT (13-1/2")
			25	EA	RIGHT OF WAY MARKERS
			28	EA	CONTROL OF ACCESS MARKERS
			336	CY	SUBDRAIN EXCAVATION
			252	CY	SUBDRAIN FINE AGGREGATE
			1,500	LF	6" PERFORATED SUBDRAIN PIPE
			3	EA	SUBDRAIN PIPE OUTLET
			18	LF	6" OUTLET PIPE
			3,700	LF	SHOULDER DRAIN
			3,650	LF	4" SHOULDER DRAIN PIPE
			190	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
			6	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
			10	TON	BLOTTING SAND
			9	CY	ENDWALLS
			3,062	CY	PIPE COLLARS
			50	EA	MASONRY DRAINAGE STRUCTURES
			33.1	LF	MASONRY DRAINAGE STRUCTURES
			6	EA	FRAME WITH TWO GRATES, STD 840.16
			4	EA	FRAME WITH TWO GRATES, STD 840.20
			16	EA	FRAME WITH TWO GRATES, STD 840.22
			3	EA	FRAME WITH TWO GRATES, STD 840.24
			1	EA	FRAME WITH TWO GRATES, STD 840.29
			3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			3	EA	FRAME WITH COVER, STD 840.54
			8	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			3	EA	GENERIC DRAINAGE ITEM TIE PROPOSED PIPE TO EXIST DRAINAGE STRUCTURE
			4,440	LF	1'-6" CONCRETE CURB & GUTTER
			5,380	LF	2'-6" CONCRETE CURB & GUTTER
			527	LF	SHOULDER BERM GUTTER
			2	EA	CONCRETE CURB RAMP
			70	SY	4" CONCRETE PAVED DITCH
			560	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			110	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			1,920	SY	GENERIC PAVING ITEM BRICK PAVERS FOR ISLANDS AND ROUNDABOUTS
			200	LF	GENERIC PAVING ITEM MEDIAN HAZARD PROTECTION
			1	EA	ADJUSTMENT OF DROP INLETS
			2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
			5,237.5	LF	STEEL BM GUARDRAIL
			437.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
			2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			46	EA	ADDITIONAL GUARDRAIL POSTS
			11	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			16	EA	GUARDRAIL END UNITS, TYPE TL-3
			7	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			310	LF	REMOVE & RESET EXISTING GUARDRAIL
			6,340	LF	WOVEN WIRE FENCE, 47" FABRIC
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
16	EA	SEALING ABANDONED WELLS			
161,970	CY	UNCLASSIFIED EXCAVATION			
2,400	CY	UNDERCUT EXCAVATION			
78,490	CY	BORROW EXCAVATION			
2,880	CY	DRAINAGE DITCH EXCAVATION			
2,900	LF	BERM DITCH CONSTRUCTION			
1,020	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
7,820	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT			
1,680	SY	BREAKING OF EXISTING ASPHALT PAVEMENT			
1,600	CY	SELECT GRANULAR MATERIAL			
2,750	SY	GEOTEXTILE FOR SOIL STABILIZATION			
610	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
1,900	SY	FOUNDATION CONDITIONING GEOTEXTILE			
40	LF	*** SIDE DRAIN PIPE (30")			
32	LF	15" SIDE DRAIN PIPE			
296	LF	**** RC PIPE CULVERTS, CLASS ***** (30", V)			
272	LF	**** RC PIPE CULVERTS, CLASS ***** (42", V)			
2,916	LF	15" RC PIPE CULVERTS, CLASS III			
544	LF	18" RC PIPE CULVERTS, CLASS III			
168	LF	24" RC PIPE CULVERTS, CLASS III			
448	LF	30" RC PIPE CULVERTS, CLASS III			
88	LF	36" RC PIPE CULVERTS, CLASS III			
196	LF	42" RC PIPE CULVERTS, CLASS III			
720	LF	15" CS PIPE CULVERTS, 0.064" THICK			
24	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")			
552	LF	PIPE REMOVAL			
5	EA	PIPE CLEAN-OUT			
Lump Sum	LS	FINE GRADING			
9,570	SY	GEOTEXTILE FOR PAVEMENT STABILIZATION			
24,700	TON	AGGREGATE BASE COURSE			
320	TON	AGGREGATE FOR CEMENT TREATED BASE COURSE			
13	TON	PORTLAND CEMENT FOR CEMENT TREATED BASE COURSE			
70	GAL	ASPHALT CURING SEAL			
1,840	GAL	PRIME COAT			
4,670	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
7,090	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
6,110	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
590	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
955	TON	ASPHALT BINDER FOR PLANT MIX			
9,570	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (13-1/2")			
5,390	LF	GENERIC PAVING ITEM MILLED RUMBLE STRIPS (CONCRETE SHOULDERS)			

			Lump Sum	LS	GENERIC SIGNING ITEM	
					SUPPORTS, OVERHEAD SIGN STR AT	
					STA 691+50 (F, TRUSS ONLY)	
389	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	504	SF	WORK ZONE SIGNS (STATIONARY)	
					WORK ZONE SIGNS (PORTABLE)	
118	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	352	SF	WORK ZONE SIGNS (PORTABLE)	
					WORK ZONE SIGNS (BARRICADE MOUNTED)	
3,006	TON	RIP RAP, CLASS I	70	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
80	TON	RIP RAP, CLASS II	1	EA	PORTABLE CHANGEABLE MESSAGE SIGN	
220	TON	RIP RAP, CLASS B	100	EA	DRUMS	
3,868	SY	GEOTEXTILE FOR DRAINAGE	43	EA	CONES	
2,135.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)	192	LF	BARRICADES (TYPE III)	
					FLAGGER	
218.75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (B)	1	EA	TEMPORARY CRASH CUSHIONS	
					RESET TEMPORARY CRASH CUSHION	
104.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	2	EA	RESET TEMPORARY CRASH CUSHION	
					TMA	
508.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	2	EA	TMA	
					PORTABLE CONCRETE BARRIER	
73.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (MILEMARKER)	4,240	LF	PORTABLE CONCRETE BARRIER	
					RESET PORTABLE CONCRETE BARRIER	
4	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (OVERLAY)	120	HR	LAW ENFORCEMENT	
					GENERIC TRAFFIC CONTROL ITEM REMOVE & REPLACE SNOWPLOWABLE PAVEMENT MARKER REFLECTOR	
8	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	222	EA	GENERIC TRAFFIC CONTROL ITEM REMOVE & REPLACE SNOWPLOWABLE PAVEMENT MARKER REFLECTOR	
					TEMPORARY RAISED PAVEMENT MARKERS	
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	351	EA	TEMPORARY RAISED PAVEMENT MARKERS	
					THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
105.4	CY	OVERHEAD FOOTING	4,764	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
9,130	LB	SUPPORTS, BREAKAWAY STEEL BEAM	5,703	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
1,472	LB	SUPPORTS, SIMPLE STEEL BEAM	8,258	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
1,447	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	8,258	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	
					THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	
9	EA	SIGN ERECTION, TYPE D	227	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	
68	EA	SIGN ERECTION, TYPE E	918	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	
9	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	115	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	
					THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	
5	EA	SIGN ERECTION, MILEMARKERS	200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	
					THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	
1	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	
					THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
4	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD	144	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
					THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	88	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
					COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	
					COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)	
13	EA	GENERIC SIGNING ITEM SIGN ERECTION, TOLL ROUTE ASSEMBLY	22,102	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)	
					PAINT PAVEMENT MARKING LINES (4")	
42,859	LB	GENERIC SIGNING ITEM REINFORCING STEEL (AESTHETIC COLUMNS ONLY)	22,501	LF	PAINT PAVEMENT MARKING LINES (4")	
					PAINT PAVEMENT MARKING LINES (6")	
251.1	CY	GENERIC SIGNING ITEM CLASS A CONCRETE (AESTHETIC COLUMNS ONLY)	18,308	LF	PAINT PAVEMENT MARKING LINES (6")	
					PAINT PAVEMENT MARKING LINES (8")	
484.25	SF	GENERIC SIGNING ITEM CONTRACTOR FURNISHED, TOLL ROUTE ASSEMBLY	1,940	LF	PAINT PAVEMENT MARKING LINES (8")	
					PAINT PAVEMENT MARKING LINES (12")	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 20+14(GNTRY T16 IN, TRUSS ONLY)	620	LF	PAINT PAVEMENT MARKING LINES (12")	
					PAINT PAVEMENT MARKING LINES (24")	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 20+64(GNTRY T16 OUT, TRUSS ONLY)	288	LF	PAINT PAVEMENT MARKING LINES (24")	
					PAINT PAVEMENT MARKING SYMBOL	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 20+66(GNTRY T15 OUT, TRUSS ONLY)	149	EA	PAINT PAVEMENT MARKING SYMBOL	
					POLYUREA PAVEMENT MARKING LINES (4", *****)	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 21+16(GNTRY T15 IN, TRUSS ONLY)	812	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)	
					(HIGHLY REFLECTIVE ELEMENTS)	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 475+00 (A, TRUSS ONLY)	23,476	LF	(HIGHLY REFLECTIVE ELEMENTS)	
					POLYUREA PAVEMENT MARKING LINES (6", *****)	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 527+50 (B, TRUSS ONLY)	2,015	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)	
					(HIGHLY REFLECTIVE ELEMENTS)	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 550+00 (C, TRUSS ONLY)	408	LF	(HIGHLY REFLECTIVE ELEMENTS)	
					REMOVAL OF PAVEMENT MARKING LINES (4")	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 590+21 (D, TRUSS ONLY)	17,684	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
					REMOVAL OF PAVEMENT MARKING LINES (6")	
Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT STA 655+00 (E, TRUSS ONLY)	113	EA	REMOVAL OF PAVEMENT MARKING LINES (6")	
					PERMANENT RAISED PAVEMENT MARKERS	
					SNOWPLOWABLE PAVEMENT MARKERS	
					OBJECT MARKERS (END OF ROAD)	
					80' HIGH MOUNT STANDARD	
					100' HIGH MOUNT STANDARD	
					PORTABLE DRIVE UNIT	
					HIGH MOUNT FOUNDATIONS	
					LIGHT STANDARD, TYPE MILT *****	
					(40' MH, 17" SA)	
					STANDARD FOUNDATION ***** (R1)	
					STANDARD FOUNDATION ***** (R2)	
					ELECTRIC SERVICE POLE ***** (30' CLASS 4)	

			3,025	LF	COIR FIBER BAFFLE		
			6	EA	*** SKIMMER (1.5")		
			7	EA	*** SKIMMER (2")		
25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	1	EA	*** SKIMMER (2.5")		
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V)	51	ACR	SEEDING & MULCHING		
396	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	30	ACR	MOWING		
101	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	550	LB	SEED FOR REPAIR SEEDING		
783	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	1.5	TON	FERTILIZER FOR REPAIR SEEDING		
379	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")	1,175	LB	SEED FOR SUPPLEMENTAL SEEDING		
95	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")	35.25	TON	FERTILIZER TOPDRESSING		
630	LF	** #8 W/G FEEDER CIRCUIT (2)	76	LF	IMPERVIOUS DIKE		
180	LF	** #4 W/G FEEDER CIRCUIT (2)	10	MHR	SPECIALIZED HAND MOWING		
1,700	LF	** #2 W/G FEEDER CIRCUIT (2)	25	EA	RESPONSE FOR EROSION CONTROL		
1,975	LF	***** FEEDER CIRCUIT (4-WIRE COPPER)	413	CY	CULVERT DIVERSION CHANNEL		
4,100	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2)	0.77	ACR	REFORESTATION		
1,410	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2)	3	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE		
10,000	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2)	5	ACR	GENERIC EROSION CONTROL ITEM COMPOST BLANKET		
36	EA	GENERIC LIGHTING ITEM 100' HIGH MOUNT LUMINAIRE - LED	1,580	LF	TRACER WIRE		
8	EA	GENERIC LIGHTING ITEM 80' HIGH MOUNT LUMINAIRE - LED	715	LF	UNPAVED TRENCHING (*****) (1, 2")		
51	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES, PC18	955	LF	UNPAVED TRENCHING (*****) (2, 2")		
9	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES, PC24	1,060	LF	UNPAVED TRENCHING (*****) (4, 3")		
2	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES, PC36	2,680	LF	UNPAVED TRENCHING (*****) (4, 1")		
4	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMINAIRE - 240V, 208W LED	335	LF	DIRECTIONAL DRILL (*****) (2, 2")		
26	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMINAIRE - 480V, 208W LED	470	LF	DIRECTIONAL DRILL (*****) (4, 2" & 4, 3")		
390	LF	8" WATER LINE	535	LF	DIRECTIONAL DRILL (*****) (4, 2")		
2,980	LF	16" WATER LINE	165	LF	DIRECTIONAL DRILL (*****) (4, 3")		
1	EA	8" VALVE	7	EA	JUNCTION BOX (*****) (36"X 24"X24")		
2	EA	16" VALVE	39	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)		
3	EA	2" AIR RELEASE VALVE	4	EA	MICROWAVE VEHICLE DETECTOR		
3	EA	FIRE HYDRANT	8,850	LF	COMMUNICATIONS CABLE (**FIBER) (72)		
980	LF	ABANDON 16" UTILITY PIPE	2,765	LF	DROP CABLE		
5,435	LB	GENERIC UTILITY ITEM DUCTILE IRON WATER PIPE FITTINGS	7	EA	SPLICE ENCLOSURE		
20,650	LF	TEMPORARY SILT FENCE	2	EA	INTERCONNECT CENTER		
175	TON	STONE FOR EROSION CONTROL, CLASS A	2	EA	NEW ELECTRICAL SERVICE		
2,045	TON	STONE FOR EROSION CONTROL, CLASS B	6,630	LF	REMOVE EXISTING COMMUNICATIONS CABLE		
2,400	TON	SEDIMENT CONTROL STONE	7	EA	SOIL TEST		
52	ACR	TEMPORARY MULCHING	68.355	CY	DRILLED PIER FOUNDATION		
3,400	LB	SEED FOR TEMPORARY SEEDING	3	EA	METAL POLE FOUNDATION REMOVAL		
18.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	2	EA	METAL POLE REMOVAL		
1,865	LF	TEMPORARY SLOPE DRAINS	2	EA	GENERIC SIGNAL ITEM CABINET, TYPE 336, POLE MOUNT- ED		
1,600	LF	SAFETY FENCE	3	EA	GENERIC SIGNAL ITEM CABINET, TYPE 5052 H-32 ALUM NEMA 3S, POLE MOUNTED		
11,460	CY	SILT EXCAVATION	1	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY		
49,020	SY	MATTING FOR EROSION CONTROL	2	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH		
100	SY	COIR FIBER MAT	6	EA	GENERIC SIGNAL ITEM METAL ITS POLE DESIGN		
610	SY	PERMANENT SOIL REINFORCEMENT MAT	5	EA	GENERIC SIGNAL ITEM METAL POLE FOR ITS DEVICE		
2,550	LF	1/4" HARDWARE CLOTH	2	EA	GENERIC SIGNAL ITEM MVD TERMINAL SERVER ASSEMBLY		
25	LF	TEMPORARY PIPE FOR STREAM CROSSING	1	EA	GENERIC SIGNAL ITEM RELOCATE CCTV ASSEMBLY		
322	CY	STILLING BASINS	1	EA	GENERIC SIGNAL ITEM RELOCATE RWIS ASSEMBLY		
2,940	LF	COIR FIBER WATTLE	Lump Sum	LS	GENERIC SIGNAL ITEM AET TOLL ZONE SITES		
1,165	LB	POLYACRYLAMIDE (PAM)	Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING		
			5,230	LF	GENERIC SIGNAL ITEM RS-485 CABLE		
					<b>CULVERT ITEMS</b>		
			Lump Sum	LS	CULVERT EXCAVATION, STA ***** (83+04.00-L-)		
			135	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT		
			181.8	CY	CLASS A CONCRETE (CULVERT)		

37,027 LB REINFORCING STEEL (CULVERT)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L171219 003

CONTRACT ID : C204093 41665.7A

DIV OFFICE FAYETTEVILLE

LENGTH = 0.469 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : MAR 29 2020

BRIDGES #129, AND 130 ON I-95 BUS LOOP OVER US-301 AND BRIDGE #8 ON US-301 OVER I-95 BUS LOOP SBL.

ROADWAY ITEMS					
			12	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			10	EA	GUARDRAIL END UNITS, TYPE TL-3
			6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (106+67 -L1-)	2,723	LF	REMOVE EXISTING GUARDRAIL
			260	LF	WOVEN WIRE FENCE, 47" FABRIC
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (106+67 -L2-)	15	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			7	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+56 -L-)	15	TON	RIP RAP, CLASS I
			25	TON	RIP RAP, CLASS B
500	CY	UNDERCUT EXCAVATION	545	SY	GEOTEXTILE FOR DRAINAGE
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	15	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	GRADING	3	EA	SIGN ERECTION, TYPE F
13,700	CY	BORROW EXCAVATION	3	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
330	CY	DRAINAGE DITCH EXCAVATION	582	SF	WORK ZONE SIGNS (STATIONARY)
400	CY	SELECT GRANULAR MATERIAL, CLASS III	256	SF	WORK ZONE SIGNS (PORTABLE)
			74	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,000	SY	GEOTEXTILE FOR SOIL STABILIZATION	2	EA	FLASHING ARROW BOARD
3,425	SY	ROCK PLATING	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
100	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	15	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
280	SY	FOUNDATION CONDITIONING GEOTEXTILE	69	EA	DRUMS
368	LF	15" SIDE DRAIN PIPE	41	EA	CONES
14	EA	*** SIDE DRAIN PIPE ELBOWS (15")	32	LF	BARRICADES (TYPE III)
76	LF	15" RC PIPE CULVERTS, CLASS IV	160	HR	FLAGGER
244	LF	30" RC PIPE CULVERTS, CLASS IV	2	EA	TMA
136	LF	36" RC PIPE CULVERTS, CLASS IV	100	HR	LAW ENFORCEMENT
60	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	48	EA	TEMPORARY RAISED PAVEMENT MARKERS
			6,654	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
75	LF	PIPE REMOVAL	2,506	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	CY	SHALLOW UNDERCUT	110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
400	TON	CLASS IV SUBGRADE STABILIZATION	646	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
100	TON	INCIDENTAL STONE BASE	3,929	LF	PAINT PAVEMENT MARKING LINES (4")
4,990	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	108	LF	PAINT PAVEMENT MARKING LINES (8")
1,700	SY	INCIDENTAL MILLING	48	EA	PERMANENT RAISED PAVEMENT MARKERS
1,590	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	4,900	LF	TEMPORARY SILT FENCE
1,405	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE H19.0C	180	TON	STONE FOR EROSION CONTROL, CLASS A
2,135	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	480	TON	STONE FOR EROSION CONTROL, CLASS B
270	TON	ASPHALT BINDER FOR PLANT MIX	325	TON	SEDIMENT CONTROL STONE
3,204	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	6	ACR	TEMPORARY MULCHING
135	CY	SUBDRAIN EXCAVATION	400	LB	SEED FOR TEMPORARY SEEDING
600	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	2	TON	FERTILIZER FOR TEMPORARY SEEDING
101	CY	SUBDRAIN COARSE AGGREGATE	330	LF	TEMPORARY SLOPE DRAINS
600	LF	6" PERFORATED SUBDRAIN PIPE	100	LF	SAFETY FENCE
2	EA	SUBDRAIN PIPE OUTLET	420	CY	SILT EXCAVATION
12	LF	6" OUTLET PIPE	9,920	SY	MATTING FOR EROSION CONTROL
11	EA	MASONRY DRAINAGE STRUCTURES	940	LF	1/4" HARDWARE CLOTH
9	EA	FRAME WITH TWO GRATES, STD 840.20	150	LF	WATTLE
2	EA	FRAME WITH TWO GRATES, STD 840.29	145	LB	POLYACRYLAMIDE (PAM)
1,260	LF	SHOULDER BERM GUTTER	6	ACR	SEEDING & MULCHING
4	EA	MODIFIED CONCRETE FLUME	3	ACR	MOWING
575	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	100	LB	SEED FOR REPAIR SEEDING
4,425	LF	STEEL BM GUARDRAIL	0.25	TON	FERTILIZER FOR REPAIR SEEDING
112.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	125	LB	SEED FOR SUPPLEMENTAL SEEDING
			3.5	TON	FERTILIZER TOPDRESSING
10	EA	ADDITIONAL GUARDRAIL POSTS	10	MHR	SPECIALIZED HAND MOWING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	25	EA	RESPONSE FOR EROSION CONTROL

4 EA GENERIC EROSION CONTROL ITEM  
CONCRETE WASHOUT STRUCTURE

### WALL ITEMS

2,670 SF MSE RETAINING WALL NO \*\*\*\*  
(1)  
2,300 SF MSE RETAINING WALL NO \*\*\*\*  
(2)  
4,760 SF MSE RETAINING WALL NO \*\*\*\*  
(3)  
4,340 SF MSE RETAINING WALL NO \*\*\*\*  
(4)

### STRUCTURE ITEMS

Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
AT STATION \*\*\*\*\*  
(106+59.74-L1-)  
Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
AT STATION \*\*\*\*\*  
(107+16.84-L2-)  
Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
AT STATION \*\*\*\*\*  
(21+57.23-L-)  
3 EA PDA TESTING  
10,259 SF REINFORCED CONCRETE DECK SLAB  
12,930 SF GROOVING BRIDGE FLOORS  
288.4 CY CLASS A CONCRETE (BRIDGE)  
Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(106+59.74-L1-)  
Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(107+16.84-L2-)  
Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(21+57.23-L-)  
39,816 LB REINFORCING STEEL (BRIDGE)  
326,050 LS APPROX ..... LBS STRUCTURAL  
STEEL  
32 EA PILE DRIVING EQUIPMENT SETUP  
FOR \*\*\* STEEL PILES  
(HP 12 X 53)  
13 EA PILE DRIVING EQUIPMENT SETUP  
FOR \*\*\* STEEL PILES  
(HP 14 X 73)  
2,304 LF HP12X53 STEEL PILES  
996 LF HP14X73 STEEL PILES  
45 EA PILE REDRIVES  
576.7 LF VERTICAL CONCRETE BARRIER RAIL  
150 SY 4" SLOPE PROTECTION  
Lump Sum LS ELASTOMERIC BEARINGS  
Lump Sum LS FOAM JOINT SEALS  
Lump Sum LS GENERIC STRUCTURE ITEM  
ASBESTOS ASSESSMENT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L171219 004

CONTRACT ID : C203989 46048.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.123 MI

COUNTY : ROBESON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #78 OVER TENMILE BRANCH ON SR-2220 (LANE ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+56.50)
300	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
20	CY	DRAINAGE DITCH EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
30	SY	FOUNDATION CONDITIONING GEO- TEXTILE
20	LF	15" DRAINAGE PIPE
56	LF	18" RC PIPE CULVERTS, CLASS III
30	TON	INCIDENTAL STONE BASE
420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
400	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX
23	CY	SUBDRAIN EXCAVATION
100	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
17	CY	SUBDRAIN COARSE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
9	LF	SHOULDER BERM GUTTER
75	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL END UNITS, TYPE TL-3
15	TON	RIP RAP, CLASS B
512	SY	GEOTEXTILE FOR DRAINAGE
72	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
5	EA	SIGN ERECTION, TYPE E
6	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
364	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
112	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	CONES
80	LF	BARRICADES (TYPE III)
80	HR	FLAGGER
2,121	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,596	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,686	LF	PAINT PAVEMENT MARKING LINES (4")
10	EA	PERMANENT RAISED PAVEMENT MARKERS
1,460	LF	TEMPORARY SILT FENCE
140	TON	STONE FOR EROSION CONTROL, CLASS A
35	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS

600	LF	SAFETY FENCE
50	CY	SILT EXCAVATION
1,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
40	SY	PERMANENT SOIL REINFORCEMENT MAT
25	LF	1/4" HARDWARE CLOTH
65	SY	FLOATING TURBIDITY CURTAIN
2	EA	SPECIAL STILLING BASINS
130	LF	COIR FIBER WATTLE
1	ACR	SEEDING & MULCHING
0.4	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
13	EA	RESPONSE FOR EROSION CONTROL
2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+56.50-L-)
1	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+56.50-L-)
28.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+56.50-L-)
4,230	LB	REINFORCING STEEL (BRIDGE)
14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP12X53)
770	LF	HP12X53 STEEL PILES
14	EA	PILE REDRIVES
110.25	LF	VERTICAL CONCRETE BARRIER RAIL
390	TON	RIP RAP CLASS II (2'-0" THICK)
410	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
605	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT



STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L171219 005

CONTRACT ID : C203676 42841.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.281 MI

COUNTY : ALAMANCE

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : MAR 29 2020

BRIDGE #126 OVER MILL RACE AND BRIDGE #119 OVER HAW RIVER ON NC-87.

ROADWAY ITEMS					
			10	EA	ADDITIONAL GUARDRAIL POSTS
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
Lump Sum	LS	MOBILIZATION	4	EA	GUARDRAIL END UNITS, TYPE TL-3
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+34.50)	460	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+04.69)	250	LF	TEMPORARY STEEL BM GUARDRAIL
Lump Sum	LS	GRADING	8	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)
	1	ACR	4	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)
	1,825	CY	250	TON	RIP RAP, CLASS B
	120	CY	875	SY	GEOTEXTILE FOR DRAINAGE
	675	CY	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
	1,150	SY	151	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	890	SF	13	EA	SIGN ERECTION, TYPE E
	110	TON	1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
	320	SY	3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
	96	LF	11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	336	LF	4	EA	DISPOSAL OF SUPPORT, U-CHANNEL
	2	EA	474	SF	WORK ZONE SIGNS (STATIONARY)
	6	EA	320	SF	WORK ZONE SIGNS (PORTABLE)
	152	LF	310	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	68	LF	100	EA	DRUMS
	76	LF	25	EA	CONES
	68	LF	280	LF	BARRICADES (TYPE III)
	148	LF	2,102	HR	FLAGGER
	4	EA	2	EA	TEMPORARY CRASH CUSHIONS
	641	LF	1	EA	TMA
	100	CY	294	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
	100	TON	40	EA	SKINNY DRUM
	2,248	TON	106	EA	TEMPORARY RAISED PAVEMENT MARKERS
	500	TON	132	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
	9,640	GAL	6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
	850	SY	1,800	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
	1,010	TON	31,573	LF	PAINT PAVEMENT MARKING LINES (4")
	560	TON	184	LF	PAINT PAVEMENT MARKING LINES (24")
	1,420	TON	24	EA	PAINT PAVEMENT MARKING CHARACTER
	160	TON	6,160	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE MEDIA)
	500	TON	2,988	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	100	SY	15	EA	PERMANENT RAISED PAVEMENT MARKERS
	67	SY	5	EA	SNOWPLOW ABLE PAVEMENT MARKERS
	7	EA	448	LF	6" SANITARY GRAVITY SEWER
	1	EA	4	EA	4' DIA UTILITY MANHOLE
	1	EA	353	LF	ABANDON 6" UTILITY PIPE
	4	EA	85	LF	16" ENCASMENT PIPE
	1	EA	43	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
	25	LF	43	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
	25	LF	5,100	LF	TEMPORARY SILT FENCE
	2	EA	330	TON	STONE FOR EROSION CONTROL, CLASS A
	250	LF	1,100	TON	STONE FOR EROSION CONTROL, CLASS B
	87.5	LF	475	TON	SEDIMENT CONTROL STONE

			708.38	LF	1'-**X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
			981	TON	RIP RAP CLASS II (2'-0" THICK)
9	ACR	TEMPORARY MULCHING	1,110	SY	GEOTEXTILE FOR DRAINAGE
600	LB	SEED FOR TEMPORARY SEEDING	Lump Sum	LS	ELASTOMERIC BEARINGS
4	TON	FERTILIZER FOR TEMPORARY SEED- ING	Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
200	LF	TEMPORARY SLOPE DRAINS			
1,200	LF	SAFETY FENCE			
2,080	CY	SILT EXCAVATION			
13,700	SY	MATTING FOR EROSION CONTROL			
200	SY	COIR FIBER MAT			
1,100	SY	PERMANENT SOIL REINFORCEMENT MAT			
510	LF	1/4" HARDWARE CLOTH			
500	SY	FLOATING TURBIDITY CURTAIN			
50	LF	WATTLE			
125	LB	POLYACRYLAMIDE (PAM)			
615	LF	COIR FIBER BAFFLE			
5	EA	** SKIMMER (1-1/2")			
5	ACR	SEEDING & MULCHING			
3	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
225	LB	SEED FOR SUPPLEMENTAL SEEDING			
6.25	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
25	EA	RESPONSE FOR EROSION CONTROL			
1.5	ACR	REFORESTATION			
4	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE			
0.08	ACR	GENERIC EROSION CONTROL ITEM WETLAND GRASS SEEDING			

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (16+34.50-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (19+04.69-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+34.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+34.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+04.69-L-)
46.4	LF	3'-6" DIA DRILLED PIERS IN SOIL
71	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
38.1	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+34.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (19+04.69-L-)
15,230	SF	REINFORCED CONCRETE DECK SLAB
17,022	SF	GROOVING BRIDGE FLOORS
207.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+34.50-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+04.69-L-)
36,386	LB	REINFORCING STEEL (BRIDGE)
4,528	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,402.91	LF	45" PRESTRESSED CONCRETE GIR- DERS
24	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP14X73)
660	LF	HP14X73 STEEL PILES
6	EA	STEEL PILE POINTS
677.53	LF	TWO BAR METAL RAIL

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L171219 006

CONTRACT ID : C203994 44378.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.434 MI

COUNTY : CABARRUS

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : DEC 12 2020

INTERSECTION OF SR-2894 (CONCORD MILLS BOULEVARD) AND ENTRANCE #1 KINGS GRANT PAVILION.

Lump Sum		LS	MOBILIZATION	90	LF	SHOULDER BERM GUTTER
Lump Sum	LS	GRADING		460	SY	4" CONCRETE SIDEWALK
	1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	3	EA	RETROFIT EXISTING CURB RAMP
	200	CY	UNDERCUT EXCAVATION	8	EA	CONCRETE CURB RAMP
	200	CY	SELECT GRANULAR MATERIAL	1,800	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	1,700	SY	GEOTEXTILE FOR SOIL STABILIZATION	1,250	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
	380	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3	EA	ADJUSTMENT OF CATCH BASINS
	1,200	SY	FOUNDATION CONDITIONING GEOTEXTILE	3	EA	ADJUSTMENT OF DROP INLETS
	1,348	LF	15" RC PIPE CULVERTS, CLASS IV	2	EA	ADJUSTMENT OF MANHOLES
	1,052	LF	18" RC PIPE CULVERTS, CLASS IV	20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
	468	LF	24" RC PIPE CULVERTS, CLASS IV	1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX WITH MANHOLE
	140	LF	30" RC PIPE CULVERTS, CLASS IV	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
	799	LF	PIPE REMOVAL	225	LF	STEEL BM GUARDRAIL
	17,200	TON	#57 STONE	5	EA	ADDITIONAL GUARDRAIL POSTS
	500	CY	SHALLOW UNDERCUT	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	1,000	TON	CLASS IV SUBGRADE STABILIZATION	3	EA	GUARDRAIL END UNITS, TYPE TL-3
	250	TON	STABILIZER AGGREGATE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
	100	TON	INCIDENTAL STONE BASE	87.5	LF	REMOVE & RESET EXISTING GUARDRAIL
	29,950	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	298	LF	REMOVE EXISTING GUARDRAIL
	300	SY	INCIDENTAL MILLING	330	LF	GENERIC FENCING ITEM TEMPORARY 48" CHAIN LINK FENCE WITH POSTS
	1,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1	TON	RIP RAP, CLASS B
	1,870	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	575	SY	GEOTEXTILE FOR DRAINAGE
	620	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1	CY	PLAIN CONCRETE SIGN FOUNDATIONS
	1,670	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	71	CY	OVERHEAD FOOTING
	1,560	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	216	LB	SUPPORTS, BREAKAWAY STEEL BEAM
	5,120	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	300	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	640	TON	ASPHALT BINDER FOR PLANT MIX	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (34+94-L-)
	1,854	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	24	EA	SIGN ERECTION, TYPE E
	45	CY	SUBDRAIN EXCAVATION	11	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
	200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
	34	CY	SUBDRAIN COARSE AGGREGATE	3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
	200	LF	6" PERFORATED SUBDRAIN PIPE	23	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	1	EA	SUBDRAIN PIPE OUTLET	3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
	6	LF	6" OUTLET PIPE	Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT I-85 SB EXIT RAMP
	44	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT WB BRUTON SMITH E OF I-85 NB RAMP
	23.8	LF	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT WB CONCORD MILLS AT I-85 SB LOOP
	2	EA	FRAME WITH TWO GRATES, STD 840.16	451	SF	WORK ZONE SIGNS (STATIONARY)
	19	EA	FRAME WITH TWO GRATES, STD 840.20	372	SF	WORK ZONE SIGNS (PORTABLE)
	5	EA	FRAME WITH TWO GRATES, STD 840.22	107	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	1	EA	FRAME WITH TWO GRATES, STD 840.24	3	EA	FLASHING ARROW BOARD
	5	EA	FRAME WITH TWO GRATES, STD 840.29	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	30	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
	5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	180	EA	DRUMS
	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	50	EA	CONES
	1	EA	FRAME WITH COVER, STD 840.54	200	LF	BARRICADES (TYPE III)
	13	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	192	HR	FLAGGER
	2,560	LF	1'-6" CONCRETE CURB & GUTTER			
	2,620	LF	2'-6" CONCRETE CURB & GUTTER			

			3	ACR	SEEDING & MULCHING		
			1.5	ACR	MOWING		
			50	LB	SEED FOR REPAIR SEEDING		
			0.25	TON	FERTILIZER FOR REPAIR SEEDING		
			100	LB	SEED FOR SUPPLEMENTAL SEEDING		
			3	TON	FERTILIZER TOPDRESSING		
			15	MHR	SPECIALIZED HAND MOWING		
			15	EA	RESPONSE FOR EROSION CONTROL		
			3	EA	GENERIC EROSION CONTROL ITEM		
			6	EA	CONCRETE WASHOUT STRUCTURE		
			7,950	LF	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)		
			40	EA	SIGNAL CABLE		
			3	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)		
			3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)		
			3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)		
			1,030	LF	MESSENGER CABLE (3/8")		
			2,600	LF	TRACER WIRE		
			1,275	LF	UNPAVED TRENCHING (***** (1, 2")		
			105	LF	UNPAVED TRENCHING (***** (2, 2")		
			50	LF	UNPAVED TRENCHING (***** (3, 2")		
			125	LF	UNPAVED TRENCHING (***** (4, 2")		
			2,600	LF	DIRECTIONAL DRILL (***** (1, 2")		
			160	LF	DIRECTIONAL DRILL (***** (2, 2")		
			150	LF	DIRECTIONAL DRILL (***** (3, 2")		
			150	LF	DIRECTIONAL DRILL (***** (4, 2")		
			13	EA	JUNCTION BOX (STANDARD SIZE)		
			15	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)		
			3	EA	WOOD POLE		
			12	EA	GUY ASSEMBLY		
			5	EA	2" RISER WITH WEATHERHEAD		
			8,550	LF	INDUCTIVE LOOP SAWCUT		
			15,000	LF	LEAD-IN CABLE (***** (14-2)		
			2	EA	SITE SURVEY		
			5	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT		
			2	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT		
			400	LF	COMMUNICATIONS CABLE (**FIBER) (12)		
			3,100	LF	COMMUNICATIONS CABLE (**FIBER) (24)		
			3	EA	SPLICE ENCLOSURE		
			2	EA	MODIFY SPLICE ENCLOSURE		
			1	EA	INTERCONNECT CENTER		
			11	EA	DELINEATOR MARKER		
			300	LF	REMOVE EXISTING COMMUNICATIONS CABLE		
			1	EA	METAL POLE WITH SINGLE MAST ARM		
			1	EA	SOIL TEST		
			10	CY	DRILLED PIER FOUNDATION		
			1	EA	MAST ARM WITH METAL POLE DESIGN		
			8	EA	SIGN FOR SIGNALS		
			10	EA	TYPE II PEDESTAL WITH FOUNDATION		
			1	EA	SIGNAL CABINET FOUNDATION		
			3	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION		
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)		
			11	EA	DETECTOR CARD (TYPE 2070L)		
			1	EA	CABINET BASE EXTENDER		
			2	EA	GENERIC SIGNAL ITEM FURNISH & INSTALL NEW 2070E CONTROLLER IN EXISTING CABINET		
			325	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE		
					<b>WALL ITEMS</b>		
			4,055	SF	MSE RETAINING WALL NO **** (1)		
			5,195	SF	MSE RETAINING WALL NO **** (2)		
3	EA	TEMPORARY CRASH CUSHIONS					
3	EA	TMA					
1,255	LF	PORTABLE CONCRETE BARRIER					
296	HR	LAW ENFORCEMENT					
205	EA	TEMPORARY RAISED PAVEMENT MARKERS					
10,008	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)					
4,915	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)					
1,922	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)					
806	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)					
324	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)					
436	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)					
74	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)					
75	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)					
603	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)					
473	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)					
21,900	LF	PAINT PAVEMENT MARKING LINES (4")					
810	LF	PAINT PAVEMENT MARKING LINES (8")					
142	LF	PAINT PAVEMENT MARKING LINES (12")					
244	LF	PAINT PAVEMENT MARKING LINES (24")					
24	EA	PAINT PAVEMENT MARKING CHARACTER					
68	EA	PAINT PAVEMENT MARKING SYMBOL					
4,069	LF	REMOVAL OF PAVEMENT MARKING LINES (4")					
36	LF	REMOVAL OF PAVEMENT MARKING LINES (8")					
48	LF	REMOVAL OF PAVEMENT MARKING LINES (24")					
27	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS					
24	EA	PERMANENT RAISED PAVEMENT MARKERS					
199	EA	SNOWPLOWABLE PAVEMENT MARKERS					
Lump Sum	LS	PORTABLE LIGHTING					
107	LF	12" WATER LINE					
424	LF	16" WATER LINE					
1,185	LB	DUCTILE IRON WATER PIPE FITTINGS					
1	EA	12" TAPPING VALVE					
1	EA	2" WATER METER					
1	EA	2" RPZ BACKFLOW PREVENTION ASSEMBLY					
40	LF	*** SANITARY GRAVITY SEWER (15")					
1	EA	5' DIA UTILITY MANHOLE					
8	LF	UTILITY MANHOLE WALL, 5' DIA					
40	LF	ABANDON *** UTILITY PIPE (15")					
610	LF	ABANDON 12" UTILITY PIPE					
1	EA	REMOVE UTILITY MANHOLE					
212	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL					
212	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL					
1,600	LF	TEMPORARY SILT FENCE					
310	TON	STONE FOR EROSION CONTROL, CLASS A					
135	TON	STONE FOR EROSION CONTROL, CLASS B					
490	TON	SEDIMENT CONTROL STONE					
4	ACR	TEMPORARY MULCHING					
300	LB	SEED FOR TEMPORARY SEEDING					
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING					
200	LF	TEMPORARY SLOPE DRAINS					
200	LF	SAFETY FENCE					
280	CY	SILT EXCAVATION					
3,000	SY	MATTING FOR EROSION CONTROL					
100	SY	COIR FIBER MAT					
1,600	LF	1/4" HARDWARE CLOTH					
170	LF	COIR FIBER WATTLE					
50	LB	POLYACRYLAMIDE (PAM)					

8,220 SF MSE RETAINING WALL NO \*\*\*\*  
(3)  
4,425 SF MSE RETAINING WALL NO \*\*\*\*  
(4)

**STRUCTURE ITEMS**

Lump Sum LS FOUNDATION EXCAVATION FOR END  
BENT \*\* AT STATION \*\*\*\*\*  
(1, 15+75.56 -Y1-)  
Lump Sum LS FOUNDATION EXCAVATION FOR END  
BENT \*\* AT STATION \*\*\*\*\*  
(2, 15+75.56 -Y1-)  
11,151 SF REINFORCED CONCRETE DECK SLAB  
(SAND LIGHTWEIGHT CONC)  
12,228 SF GROOVING BRIDGE FLOORS  
1,083.8 CY CLASS A CONCRETE (BRIDGE)  
Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(15+75.56 -Y1-)  
144,474 LB REINFORCING STEEL (BRIDGE)  
1,073,598 LS APPROX ..... LBS STRUCTURAL  
STEEL  
405 LF CONCRETE BARRIER RAIL  
Lump Sum LS DISC BEARINGS  
Lump Sum LS EXPANSION JOINT SEALS  
Lump Sum LS ELECTRICAL CONDUIT SYSTEM FOR  
SIGNALS AT STA\*\*\*\*\*  
(15+75.56 -Y1-)  
1,588.2 LF GENERIC STRUCTURE ITEM  
CONCRETE BARRIER RAIL WITH  
MOMENT SLAB

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L171219 007

CONTRACT ID : C203990 46106.3.1

DIV OFFICE SHELBY

LENGTH = 0.159 MI

COUNTY : ALEXANDER

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 2.0% WBE 2.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #139 OVER GLADE CREEK ON SR-1609 (COUNTRY HOME ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+56.00 -L-)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUB-BING
	200	CY UNDERCUT EXCAVATION
	85	CY DRAINAGE DITCH EXCAVATION
	100	CY SELECT GRANULAR MATERIAL
	300	SY GEOTEXTILE FOR SOIL STABILIZATION
	3	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
	7	SY FOUNDATION CONDITIONING GEOTEXTILE
	16	LF 15" DRAINAGE PIPE
	200	CY SHALLOW UNDERCUT
	380	TON CLASS IV SUBGRADE STABILIZATION
	460	TON AGGREGATE BASE COURSE
	50	TON INCIDENTAL STONE BASE
	235	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
	155	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	21	TON ASPHALT BINDER FOR PLANT MIX
	23	CY SUBDRAIN EXCAVATION
	100	SY GEOTEXTILE FOR SUBSURFACE DRAINS
	17	CY SUBDRAIN COARSE AGGREGATE
	100	LF 6" PERFORATED SUBDRAIN PIPE
	1	EA SUBDRAIN PIPE OUTLET
	6	LF 6" OUTLET PIPE
	1	EA MASONRY DRAINAGE STRUCTURES
	1	EA FRAME WITH TWO GRATES, STD 840.29
	50	LF SHOULDER BERM GUTTER
	250	LF STEEL BM GUARDRAIL, SHOP CURVED
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA GUARDRAIL END UNITS, TYPE TL-2
	45	TON RIP RAP, CLASS II
	89	TON RIP RAP, CLASS B
	882	SY GEOTEXTILE FOR DRAINAGE
	152	LF SUPPORTS, 3-LB STEEL U-CHANNEL
	14	EA SIGN ERECTION, TYPE E
	8	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	324	SF WORK ZONE SIGNS (STATIONARY)
	119	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	80	LF BARRICADES (TYPE III)
	1,600	LF POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE MEDIA)
	1,000	LF TEMPORARY SILT FENCE
	150	TON STONE FOR EROSION CONTROL, CLASS A
	465	TON STONE FOR EROSION CONTROL, CLASS B
	190	TON SEDIMENT CONTROL STONE
	1	ACR TEMPORARY MULCHING
	100	LB SEED FOR TEMPORARY SEEDING
	1.5	TON FERTILIZER FOR TEMPORARY SEEDING
	200	LF TEMPORARY SLOPE DRAINS
	200	LF SAFETY FENCE
	380	CY SILT EXCAVATION
	1,600	SY MATTING FOR EROSION CONTROL
	80	SY COIR FIBER MAT

600	SY	PERMANENT SOIL REINFORCEMENT MAT
120	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
90	LF	WATTLE
165	LB	POLYACRYLAMIDE (PAM)
225	LF	COIR FIBER BAFFLE
3	EA	*** SKIMMER (1-1/2")
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
30	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
13	EA	RESPONSE FOR EROSION CONTROL
2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+56.30 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+56.30 -L-)
	60	LF PILE EXCAVATION IN SOIL
	60	LF PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+56.30 -L-)
	33.4	CY CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+56.30 -L-)
	4,882	LB REINFORCING STEEL (BRIDGE)
	10	EA PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP12x53)
	150	LF HP12X53 STEEL PILES
	110	LF VERTICAL CONCRETE BARRIER RAIL
Lump Sum	LS	ELASTOMERIC BEARINGS
	495	LF 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
	1,710	SF GENERIC STRUCTURE ITEM STEEL SHEET PILES

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L171219 008

CONTRACT ID : C203986 38376.3.1

DIV OFFICE SYLVA

LENGTH = 0.137 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #148 OVER PERSIMMON CREEK ON SR-1127 (BELL HILL RD).

ROADWAY ITEMS					
			18	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)
Lump Sum	LS	MOBILIZATION	5,425.4	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	CONSTRUCTION SURVEYING	39.4	LF	PAINT PAVEMENT MARKING LINES (24")
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (13+33.00 -L-)	18	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	1,310	LF	TEMPORARY SILT FENCE
150	CY	UNDERCUT EXCAVATION	105	TON	STONE FOR EROSION CONTROL, CLASS A
Lump Sum	LS	GRADING	335	TON	STONE FOR EROSION CONTROL, CLASS B
1,900	CY	BORROW EXCAVATION	200	TON	SEDIMENT CONTROL STONE
330	CY	DRAINAGE DITCH EXCAVATION	2.5	ACR	TEMPORARY MULCHING
100	CY	SELECT GRANULAR MATERIAL	200	LB	SEED FOR TEMPORARY SEEDING
300	SY	GEOTEXTILE FOR SOIL STABILIZATION	2	TON	FERTILIZER FOR TEMPORARY SEEDING
260	SF	TEMPORARY SHORING	200	LF	TEMPORARY SLOPE DRAINS
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	400	LF	SAFETY FENCE
70	SY	FOUNDATION CONDITIONING GEOTEXTILE	450	CY	SILT EXCAVATION
200	LF	15" DRAINAGE PIPE	6,025	SY	MATTING FOR EROSION CONTROL
134	LF	PIPE REMOVAL	200	SY	COIR FIBER MAT
50	CY	SHALLOW UNDERCUT	25	SY	PERMANENT SOIL REINFORCEMENT MAT
80	TON	CLASS IV SUBGRADE STABILIZATION	470	LF	1/4" HARDWARE CLOTH
300	TON	INCIDENTAL STONE BASE	65	LB	POLYACRYLAMIDE (PAM)
350	SY	INCIDENTAL MILLING	160	LF	COIR FIBER BAFFLE
445	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	4	EA	*** SKIMMER (1-1/2")
340	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	3	ACR	SEEDING & MULCHING
45	TON	ASPHALT BINDER FOR PLANT MIX	1.5	ACR	MOWING
56	CY	SUBDRAIN EXCAVATION	50	LB	SEED FOR REPAIR SEEDING
250	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	0.25	TON	FERTILIZER FOR REPAIR SEEDING
42	CY	SUBDRAIN COARSE AGGREGATE	50	LB	SEED FOR SUPPLEMENTAL SEEDING
250	LF	6" PERFORATED SUBDRAIN PIPE	1.5	TON	FERTILIZER TOPDRESSING
1	EA	SUBDRAIN PIPE OUTLET	10	MHR	SPECIALIZED HAND MOWING
6	LF	6" OUTLET PIPE	25	EA	RESPONSE FOR EROSION CONTROL
2	EA	MASONRY DRAINAGE STRUCTURES	2	EA	GENERIC EROSION CONTROL ITEM
2	EA	FRAME WITH TWO GRATES, STD 840.29			CONCRETE WASHOUT STRUCTURE
30	LF	SHOULDER BERM GUTTER			
225	LF	STEEL BM GUARDRAIL			
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+33.00 -L-)
5	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+33.00 -L-)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	42.2	CY	CLASS A CONCRETE (BRIDGE)
4	EA	GUARDRAIL END UNITS, TYPE TL-2	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+33.00 -L-)
70	TON	RIP RAP, CLASS II	5,168	LB	REINFORCING STEEL (BRIDGE)
4	TON	RIP RAP, CLASS B	10	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
320	SY	GEOTEXTILE FOR DRAINAGE	325	LF	HP12X53 STEEL PILES
75	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	140	LF	VERTICAL CONCRETE BARRIER RAIL
5	EA	SIGN ERECTION, TYPE E	135	TON	RIP RAP CLASS II (2'-0" THICK)
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	148	SY	GEOTEXTILE FOR DRAINAGE
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	Lump Sum	LS	ELASTOMERIC BEARINGS
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	630	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
197	SF	WORK ZONE SIGNS (STATIONARY)	Lump Sum	LS	GENERIC STRUCTURE ITEM
96	SF	WORK ZONE SIGNS (PORTABLE)			ASBESTOS ASSESSMENT
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
50	EA	DRUMS			
25	EA	CONES			
184	HR	FLAGGER			
214	LF	WATER FILLED BARRIER			
30	EA	SKINNY DRUM			
1	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM			
18	EA	TEMPORARY RAISED PAVEMENT MARKERS			

STRUCTURE ITEMS

