



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J.R. "JOEY" HOPKINS  
SECRETARY

DATE: March 19, 2024

TO: Bidding Contractors and  
Interested Parties

FROM: R. E. Davenport, Jr., PE  
State Contract Officer

DocuSigned by:

*Ron Davenport*

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03/19/2024

SUBJECT: May 28, 2024, Central Highway Letting

Please be advised that the May 2024 Central Highway Letting will be held on May 28<sup>th</sup>. This deviates from the normal schedule by one week. The Advertisement Date for the May Letting will remain April 23, 2024. The Advertisement Date for the June 2024 Letting remains May 21, 2024.

Also be advised that the Interested Parties List registration must be done the business day prior to the Letting. With May 27, 2024, being a holiday, the registration cutoff date will be Friday, May 24, 2024. Failure to register by the cutoff will result in being unable to bid. Questions may be sent to [ContractOfficer@ncdot.gov](mailto:ContractOfficer@ncdot.gov) or [jakincaid1@ncdot.gov](mailto:jakincaid1@ncdot.gov).

cc: Ms. Jaci Kincaid  
File

**IMPORTANT NOTICE:**

The 2024 NCDOT Standard Specifications and 2024 NCDOT Roadway Standard Drawings are now available on-line, and can be found here: [Contract Standards and Development Unit \(ncdot.gov\)](https://www.ncdot.gov/contract-standards-and-development-unit). Additional content has been posted to be used along with these documents, which can be accessed at this link as well, under the 2024 Specifications and Standard Drawings websites or the Contracts Resources website. This includes memos with a summary of changes, Special Provisions to use with 2024 Standard Specifications, new instructions, updated spreadsheets with general notes for both ORD and SS2, etc. **Printed copies of the 2024 Standard Specifications and 2024 Roadway Standard Drawings will be available starting in September.**

**PLEASE NOTE THAT ALL PROJECTS WITH A JANUARY 2024 OR LATER LET DATE SHALL BE PREPARED IN ACCORDANCE WITH THE NEW 2024 STANDARD SPECIFICATIONS AND 2024 ROADWAY STANDARD DRAWINGS.**

This information is meant to be shared state-wide, so please feel free to forward this information to others who may need to be made aware, including but not limited to, Division representatives, private engineering firms, GESCs, industry representatives, et al.

Thank you.

**Nicole M. Hackler, P.E.**  
State Plans & Standards Engineer  
North Carolina Department of Transportation

919 707 6950 office

[nmhackler@ncdot.gov](mailto:nmhackler@ncdot.gov)

1020 Birch Ridge Drive (Delivery Only)  
1591 Mail Service Center  
Raleigh, North Carolina 27699-1591





STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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GOVERNOR

J. ERIC BOYETTE  
SECRETARY

**IMPORTANT INFORMATION  
PLEASE READ**

TO PREQUALIFIED BIDDERS AND PURCHASE ORDER PRIMES:

The requirements for bidding on NCDOT construction projects are changing. The current requirement to purchase plans or a proposal to be eligible to bid will be replaced by a requirement to register for the *Interested Parties List*. This change will be effective for any Central or Division letting June 1, 2022 and later.

**For any letting June 1, 2022 and later:**

**Contractors bidding on NCDOT contracts must sign up for the *Interested Parties List* for each project they intend to submit bids on. As part of this new requirement, Contractors must sign up for the *Interested Parties List* no later than one business day prior to the Letting Date.**

The purchase of plans or proposals will no longer be required to bid on NCDOT Central Let projects and will be replaced by the new requirement above to sign up for the *Interested Parties List*. Plans will continue to be available for purchase, however anyone who purchases plans shall still sign up for the *Interested Parties List* to be eligible to bid.

A one-page quick guide follows this letter and the quick guide a more detailed walkthrough on signing up for the *Interested Parties List* can be found on the Central and Division Letting Resources pages at the links below:

<https://connect.ncdot.gov/letting/Pages/Central.aspx>

<https://connect.ncdot.gov/letting/Pages/Division-Letting-Resources.aspx>

The links and functionality described in the guides will be available on our website in the near future. For more information or assistance with this new process please submit any questions to [InterestedPartiesHelp@ncdot.gov](mailto:InterestedPartiesHelp@ncdot.gov).

For additional assistance with general bidding related questions please email [AWPhelp@ncdot.gov](mailto:AWPhelp@ncdot.gov).

Ronald E. Davenport, Jr., PE  
State Contract Officer

DocuSigned by:  
  
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## Interested Parties List

To **register to bid on an upcoming NCDOT construction contract**, or to register in general to be notified about updates for selected upcoming contracts to be let, add your firm to the Interested Parties list for each contract in which you are interested. Interested parties will be informed by mail whenever there are addenda or other changes to the planned letting.

*You are no longer required to be a Plan Holder to bid for any lettings occurring June 1, 2022, or later.*

**Interested parties and authorized bidders MUST sign up at least one full business day prior to the let date.**

### To Register:

1. Navigate to the details page for the selected contract. Press **Interested Parties for this letting** or go directly to the overall [Interested Parties list](#)
2. Press **Add Firm** and find your firm using the Search box. Select your firm name and press **Next**
3. Complete the contact information for the person to be notified of changes and press **Next**
4. Review the list of upcoming Central and Division contracts and select the upcoming contract(s) in which you are interested and press **Next**.  
*There is no need to register again for contracts for which you have previously registered.*
5. The confirmation page will summarize your entered information. Press **Submit**.
6. A confirmation email will be sent to the provided address. Within one hour, the firm will appear on the publicly viewable Interested Parties list for each of the specified contracts. Allow five business days for NCDOT staff to upload your firm as an authorized bidder in Bid Express.

Email [InterestedPartiesHelp@ncdot.gov](mailto:InterestedPartiesHelp@ncdot.gov) if you have any problems registering.



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**IMPORTANT NOTICE**

January 5, 2024

**Upcoming Opportunities for DBE Firms to Participate on NCDOT Projects**

As part of the North Carolina Department of Transportation's continuing commitment to promote Disadvantaged/Minority/Women Business Enterprise (D/M/WBE) participation, the Division of Highways Chief Engineer's Office would like to remind you of the broad range of construction, maintenance, and operational opportunities available within NCDOT. One of these opportunities is the monthly advertisement of Central Let projects with letting held on the third Tuesday of each month. NCDOT is requesting bids for the following projects. If your firm is eligible to bid (i.e., prequalified as a Bidder), you can download and print the bid-related items from this list.



[Central Highway Letting](#)

If you are interested in providing subcontractor work for any of these projects, we strongly encourage you to solicit each of the contractors bidding on these projects to see if they are interested in receiving a quote. A list of interested parties with their contact information is listed for each project being advertised.



[Central Plan Holder List](#)

I would like to personally thank you for your time in considering this opportunity with the North Carolina Department of Transportation.

Sincerely,

DocuSigned by:

*Lamar Sylvester*

EF11EAF2524D443...

Lamar Sylvester, PE  
Chief Engineer  
Division of Highways

Mailing Address:  
NC DEPARTMENT OF TRANSPORTATION  
OFFICE OF THE CHIEF ENGINEER  
MAIL SERVICE CENTER 1536  
RALEIGH, NC 27699-1536

Telephone 919-707-2500  
Fax: 919-733-9428  
Customer Service: 1-877-368-4968

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

Location:  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISIONS) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN THE CONTRACT STANDARDS AND DEVELOPMENT UNIT RIVERWOOD CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. OR VIA THE WEBCAST AT **2:00 PM** ON MAY 28, 2024. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

1. THE BIDDER SHALL SELF REGISTER AT THE FOLLOWING WEBSITE FOR EACH PROJECT FOR WHICH THEY INTEND TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID

<https://connect.ncdot.gov/letting/pages/Interested-Parties.aspx>

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 THEY ELECT TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION, EXECUTED PAYMENT AND PERFORMANCE BONDS, AND OPTIONAL BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT FORM (SPA-1) FOR EACH CONTRACT. CERTIFICATION FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE <https://connect.ncdot.gov/letting/Pages/Central-Letting-Forms.aspx>. BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT FORM (SPA-1) IS AVAILABLE AT THE FOLLOWING WEBSITE <https://connect.ncdot.gov/letting/Pages/Central-Letting-Resources.aspx>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE EMAILED TO THE STATE CONTRACT OFFICER AT [ContractOfficer@ncdot.gov](mailto:ContractOfficer@ncdot.gov).

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. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTOR'S LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, VISIT THE CONTRATOR LICENSING BOARD WEBSITE AT <https://www.nclbgc.org> OR EMAIL [licensing@nclbgc.org](mailto:licensing@nclbgc.org).

**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 PREQUALIFICATION SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT AT <https://connect.ncdot.gov/business/Prequal/Pages/default.aspx>. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES MANAGEMENT SECTION AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY ENSURE 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 VISITING THE WEBSITE AT: <https://connect.ncdot.gov/letting/Pages/Order-Plans.aspx>. 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 7.25% 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 APRIL 23, 2024.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

## 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>DIV NO.</b>	<b>DIVISION ENGINEER</b>	<b>TOWN</b>	<b>TELEPHONE</b>
001	C. Win Bridgers, Jr., PE	EDENTON	(252) 482-1850
002	Jeremy D. Stroud, PE	GREENVILLE	(252) 439-2800
003	D. Chad Kimes, PE	CASTLE HAYNE	(910) 341-2000
004	D. Keith Eason, PE	WILSON	(252) 237-6164
005	Brandon Jones, PE	DURHAM	(919) 220-4600
006	L. Wallace Jernigan	FAYETTEVILLE	(910) 486-1493
007	Wright Archer, III, PE	GREENSBORO	(336) 487-0000
008	Reuben Blakley, PE	CARTHAGE	(910) 773-8000
009	S. Pat Ivey, PE	WINSTON-SALEM	(336) 747-7800
010	Brett Canipe, PE	ALBEMARLE	(704) 983-4400
011	Michael Poe, PE	NORTH WILKESBORO	(336) 903-9101
012	Mark Stafford, PE	SHELBY	(704) 480-5400
013	Timothy Anderson, PE	ASHEVILLE	(828) 250-3000
014	Wanda Payne, PE	SYLVA	(828) 586-2141

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

Bid Letting Number: L240528

RPN Contract Id	WBS	County	Length	Job Type
001	C204204 46932.3.1	WAKE	0.677 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
002	C204861 40163.3.1	LENOIR	0.530 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
003	C204957 2024CPT.05.15.20391.1, ETC.	GRANVILLE, VANCE	11.074 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
004	C204958 2024CPT.05.16.10931.1, ETC.	WARREN	16.776 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
005	C204930 49987.3.1	COLUMBUS, ROBESON	9.686 MI	DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.
006	C204931 49988.3.1	ROBESON	3.299 MI	DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.
007	C204959 2024CPT.07.13.20011, ETC.	ALAMANCE, GUILFORD	24.550 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C204908 40325.3.59	GUILFORD	0.092 MI	GRADING, DRAINAGE, AND PAVING.
009	C204762 67069.3.1	CASWELL	0.267 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C204913 37405.3.1	FORSYTH	5.804 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
011	C204844 46971.3.1	CALDWELL	0.658 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALL.
012	C204411 14SP.20441.1, ETC.	HAYWOOD	0.175 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
013	C204796 49622.3.1	HAYWOOD	0.540 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528

001

CONTRACT ID : C204204

46932.3.1

DIV OFFICE DURHAM

LENGTH = 0.677 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 3.00% COMPLETION DATE : JAN 28, 2027

## GRADE SEPARATION OF SR-2006 (DURANT ROAD) OVER CSX S LINE RAILROAD IN RALEIGH.

		ROADWAY ITEMS			
			5	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
Lump Sum	LS	MOBILIZATION	9	CY	ENDWALLS
Lump Sum	LS	CONSTRUCTION SURVEYING	34	CY	FLOWABLE FILL
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	58	EA	MASONRY DRAINAGE STRUCTURES
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	40	LF	MASONRY DRAINAGE STRUCTURES
1,500	CY	UNCLASSIFIED EXCAVATION	2	EA	FRAME WITH GRATE, STD 840.24
4,750	CY	UNDERCUT EXCAVATION	3	EA	FRAME WITH TWO GRATES, STD 840.16
222,000	CY	BORROW EXCAVATION	7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
2,260	CY	DRAINAGE DITCH EXCAVATION			(E)
7,700	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
8,500	SY	BREAKING OF EXISTING ASPHALT PAVEMENT			(F)
4,700	CY	SELECT GRANULAR MATERIAL	20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
5,200	SY	GEOTEXTILE FOR SOIL STABILIZATION			(G)
18,820	SF	TEMPORARY SHORING	5	EA	FRAME WITH COVER, STD 840.54
200	CY	GENERIC GRADING ITEM	320	LF	1'-6" CONCRETE CURB & GUTTER
		HAULING OF EXISTING PAVEMENT	9,300	LF	2'-6" CONCRETE CURB & GUTTER
500	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4,550	SY	4" CONCRETE SIDEWALK
1,570	SY	FOUNDATION CONDITIONING GEOTEXTILE	15	EA	CONCRETE CURB RAMPS
40	LF	12" DRAINAGE PIPE	50	SY	6" CONCRETE DRIVEWAY
152	LF	12" RC PIPE CULVERTS, CLASS III	2	EA	ADJUSTMENT OF CATCH BASINS
2,072	LF	15" RC PIPE CULVERTS, CLASS IV	2	EA	ADJUSTMENT OF MANHOLES
1,280	LF	18" RC PIPE CULVERTS, CLASS IV	10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
160	LF	24" RC PIPE CULVERTS, CLASS IV	3	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
84	LF	30" RC PIPE CULVERTS, CLASS IV	1	EA	GENERIC DRAINAGE ITEM
372	LF	36" RC PIPE CULVERTS, CLASS IV			CONVERT EXISTING CATCH BASIN TO 2GI
88	LF	42" RC PIPE CULVERTS, CLASS IV	3,475	LF	STEEL BEAM GUARDRAIL
128	LF	*** RC PIPE CULVERTS, CLASS V (30")	337.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
228	LF	*** RC PIPE CULVERTS, CLASS V (42")	5	EA	ADDITIONAL GUARDRAIL POSTS
40	LF	15" CS PIPE CULVERTS, 0.064" THICK	1	EA	GUARDRAIL END UNITS, TYPE AT-1
64	LF	18" CS PIPE CULVERTS, 0.064" THICK	5	EA	GUARDRAIL END UNITS, TYPE CAT-1
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	3	EA	GUARDRAIL END UNITS, TYPE TL-3
			3	EA	GUARDRAIL END UNITS, TYPE TL-2
2,996	LF	PIPE REMOVAL	560	LF	CHAIN LINK FENCE, 48" FABRIC
Lump Sum	LS	FINE GRADING	47	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
250	CY	SHALLOW UNDERCUT	4	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
500	TON	CLASS IV SUBGRADE STABILIZATION	110	TON	RIP RAP, CLASS I
750	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	320	TON	RIP RAP, CLASS B
1,570	TON	AGGREGATE BASE COURSE	1,720	SY	GEOTEXTILE FOR DRAINAGE
100	TON	INCIDENTAL STONE BASE	100	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
133	GAL	PRIME COAT	270	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
7,820	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (3")	20	EA	SIGN ERECTION, TYPE E
830	SY	INCIDENTAL MILLING	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
10,740	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
7,270	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	2	EA	STOCKPILE SIGN SYSTEM, U-CHANNEL
4,910	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,155	TON	ASPHALT BINDER FOR PLANT MIX	2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	709	SF	WORK ZONE SIGNS (STATIONARY)
265	TON	GENERIC PAVING ITEM	912	SF	WORK ZONE SIGNS (PORTABLE)
		ABC(M) SHOULDER CONSTRUCTION	135	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
27	EA	RIGHT-OF-WAY MARKERS			

3	EA	FLASHING ARROW BOARD	553	LF	2" FORCE MAIN SEWER
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	1	EA	SANITARY SEWER CLEAN-OUT
285	EA	DRUMS	67	LF	SEWER SERVICE LINE
30	EA	SEQUENTIAL FLASHING WARNING LIGHTS	18	LF	UTILITY MANHOLE WALL 4' DIA
30	EA	CONES	66	LF	ABANDON *** UTILITY PIPE (4")
184	LF	BARRICADES (TYPE III)	99	LF	ABANDON 8" UTILITY PIPE
310	DAY	FLAGGER	409	LF	ABANDON 12" UTILITY PIPE
4	EA	TEMPORARY CRASH CUSHIONS	1,337	LF	ABANDON 24" UTILITY PIPE
4	EA	TMA	5	EA	REMOVE WATER METER
2,830	LF	PORTABLE CONCRETE BARRIER	5	EA	REMOVE FIRE HYDRANT
1,010	LF	WATER FILLED BARRIER	1	EA	ABANDON UTILITY MANHOLE
1,196	HR	LAW ENFORCEMENT	100	LF	*** ENCASEMENT PIPE (14")
30	EA	SKINNY DRUM	275	LF	16" ENCASEMENT PIPE
538	EA	TEMPORARY RAISED PAVEMENT MARKERS	385	LF	36" ENCASEMENT PIPE
18,055	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	85	LF	BORE AND JACK OF *** (36")
805	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	2	EA	GENERIC UTILITY ITEM 24" BUTTERFLY VALVE
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	1	EA	GENERIC UTILITY ITEM ADJUST 10" METER VAULT
157	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	1	EA	GENERIC UTILITY ITEM REMOVE BACKFLOW PREVENTION ASSEMBLY.
64	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	16,040	LF	TEMPORARY SILT FENCE
28	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	255	TON	STONE FOR EROSION CONTROL, CLASS A
626	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	1,620	TON	STONE FOR EROSION CONTROL, CLASS B
626	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	1,302	TON	SEDIMENT CONTROL STONE
125,181	LF	PAINT PAVEMENT MARKING LINES (4")	20	ACR	TEMPORARY MULCHING
2,805	LF	PAINT PAVEMENT MARKING LINES (8")	1,100	LB	SEED FOR TEMPORARY SEEDING
2,100	LF	PAINT PAVEMENT MARKING LINES (12")	5.5	TON	FERTILIZER FOR TEMPORARY SEEDING
750	LF	PAINT PAVEMENT MARKING LINES (16")	1,220	LF	TEMPORARY SLOPE DRAINS
1,047	LF	PAINT PAVEMENT MARKING LINES (24")	360	LF	SAFETY FENCE
30	EA	PAINT PAVEMENT MARKING CHARACTER	2,400	CY	SILT EXCAVATION
282	EA	PAINT PAVEMENT MARKING SYMBOL	22,500	SY	MATTING FOR EROSION CONTROL
18,635	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	35	SY	PERMANENT SOIL REINFORCEMENT MAT
322	LF	REMOVAL OF PAVEMENT MARKING LINES (12")	3,705	LF	1/4" HARDWARE CLOTH
168	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	500	SY	LOW PERMEABILITY GEOTEXTILE
49	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	2	EA	SPECIAL STILLING BASINS
625	LF	CURING COMPOUND REMOVAL, LINES	100	LB	FLOCCULANT
10	EA	PERMANENT RAISED PAVEMENT MARKERS	440	LF	COIR FIBER BAFFLE
267	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	20	ACR	SEEDING & MULCHING
3,300	LF	GENERIC LIGHTING ITEM STREET LIGHTING CONDUIT INSTALLATION (2" PVC)	10	ACR	MOWING
157	LF	6" WATER LINE	200	LB	SEED FOR REPAIR SEEDING
1,049	LF	8" WATER LINE	1	TON	FERTILIZER FOR REPAIR SEEDING
512	LF	12" WATER LINE	650	LB	SEED FOR SUPPLEMENTAL SEEDING
1,358	LF	24" WATER LINE	19.5	TON	FERTILIZER TOPDRESSING
18,815	LB	DUCTILE IRON WATER PIPE FITTINGS	10	MHR	SPECIALIZED HAND MOWING
10	EA	6" VALVE	18	EA	RESPONSE FOR EROSION CONTROL
4	EA	12" VALVE	3	EA	CONCRETE WASHOUT STRUCTURE
1	EA	8" TAPPING SLEEVE & VALVE	54	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT
1	EA	12" TAPPING SLEEVE & VALVE	18	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1
1	EA	*** WATER METER (5/8")	2	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
1	EA	2" WATER METER	1,250	LF	SIGNAL CABLE
1	EA	RELOCATE WATER METER	3	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	RECONNECT WATER METER	3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1	EA	6" RPZ BACKFLOW PREVENTION ASSEMBLY	325	LF	UNPAVED TRENCHING (***** (2, 2"))
9	EA	FIRE HYDRANT	2	EA	JUNCTION BOX (STANDARD SIZE)
199	LF	FIRE HYDRANT LEG	500	LF	INDUCTIVE LOOP SAWCUT
1	EA	12" LINE STOP	3,500	LF	LEAD-IN CABLE (14-2)
2	EA	24" LINE STOP	1	EA	MODIFY SPLICE ENCLOSURE
57	LF	*** WATER SERVICE LINE (2")	1	EA	TYPE I POST WITH FOUNDATION
19	LF	WATER SERVICE LINE	1	EA	TYPE II PEDESTAL WITH FOUNDATION
			1	EA	CONTROLLERS WITH CABINET (***** (2070LX, BASE MTD))

7	EA	DETECTOR CARD (***** (2070LX)
1	EA	CABINET BASE EXTENDER
WALL ITEMS		
7,120	SF	MSE RETAINING WALL NO **** (1)
4,520	SF	MSE RETAINING WALL NO **** (2)
5,590	SF	MSE RETAINING WALL NO **** (3)
5,820	SF	MSE RETAINING WALL NO **** (4)
STRUCTURE ITEMS		
9,653	SF	REINFORCED CONCRETE DECK SLAB
10,716	SF	GROOVING BRIDGE FLOORS
97	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (32+23.01 -L-)
11,588	LB	REINFORCING STEEL (BRIDGE)
22	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
1,320	LF	HP 14 X 73 STEEL PILES
230.67	LF	TWO BAR METAL RAIL
245.67	LF	1'-**" X ***** CONCRETE PARAPET (1'-2" X 3"-3")
44	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
230.67	LF	GENERIC STRUCTURE ITEM 72" CHAIN LINK FENCE (BLACK VINYL COATED)
1,346.58	LF	FIB *** PRESTRESSED CONCRETE GIRDERS (54")
ROADWAY ITEMS		
Lump Sum	LS	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STA 32+23.01 -L-

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528

002

CONTRACT ID: C204861

40163.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.530 MI

COUNTY : LENOIR

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 3.00% COMPLETION DATE : JAN 11, 2028

BRIDGE #530020 OVER NEUSE RIVER AND BRIDGE #530034 OVER NEUSE RIVER OVERFLOW ON NC-55.

ROADWAY ITEMS					
			8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
Lump Sum	LS	MOBILIZATION	5	EA	GUARDRAIL END UNITS, TYPE TL-3
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	GUARDRAIL END UNITS, TYPE TL-2
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	75	LF	REMOVE & RESET EXISTING GUARDRAIL
	5,290	CY UNDERCUT EXCAVATION	2,400	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	GRADING	62.5	LF	TEMPORARY STEEL BEAM GUARDRAIL
	42,500	CY BORROW EXCAVATION	2	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)
	4	EA EMBANKMENT SETTLEMENT GAUGES	279	TON	RIP RAP, CLASS I
	487	CY DRAINAGE DITCH EXCAVATION	1,110	TON	RIP RAP, CLASS II
	7,030	CY SELECT GRANULAR MATERIAL	6,810	SY	GEOTEXTILE FOR DRAINAGE
	6,930	SY GEOTEXTILE FOR SOIL STABILIZATION	85	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	1,760	SF TEMPORARY SHORING	2	EA	SIGN ERECTION, TYPE D
	13,730	SY ROCK PLATING	4	EA	SIGN ERECTION, TYPE E
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 25+45.00 -L-	6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 35+00.00 -L-	64	SF	WORK ZONE SIGNS (STATIONARY)
	100	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	284	SF	WORK ZONE SIGNS (PORTABLE)
	310	SY FOUNDATION CONDITIONING GEOTEXTILE	36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	196	LF 15" DRAINAGE PIPE	1	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
	10	EA *** DRAINAGE PIPE ELBOWS (15")	100	EA	DRUMS
	640	LF 15" RC PIPE CULVERTS, CLASS III	100	EA	CONES
	72	LF *** RC PIPE CULVERTS, CLASS V (18")	48	LF	BARRICADES (TYPE III)
	120	LF PIPE REMOVAL	60	DAY	FLAGGER
	100	CY SHALLOW UNDERCUT	2	EA	TEMPORARY CRASH CUSHIONS
	200	TON CLASS IV SUBGRADE STABILIZATION	2	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
	300	SY GEOTEXTILE FOR SUBGRADE STABILIZATION	454	LF	PORTABLE CONCRETE BARRIER
	900	TON AGGREGATE BASE COURSE	366	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
	100	TON INCIDENTAL STONE BASE	100	EA	SKINNY DRUM
	490	GAL PRIME COAT	159	EA	TEMPORARY RAISED PAVEMENT MARKERS
	500	SY INCIDENTAL MILLING	8,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	1,500	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	14,480	LF	PAINT PAVEMENT MARKING LINES (4")
	1,000	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	25	LF	PAINT PAVEMENT MARKING LINES (24")
	1,400	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	3,020	LF	POLYUREA PAVEMENT MARKING LINES (**, *** MILS) (4", 20 MILS)
	210	TON ASPHALT BINDER FOR PLANT MIX	9	EA	PERMANENT RAISED PAVEMENT MARKERS
	35	EA RIGHT-OF-WAY MARKERS	27	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
	453	CY SUBDRAIN EXCAVATION	1	EA	*** COMBINATION AIR VALVE (1")
	300	SY GEOTEXTILE FOR SUBSURFACE DRAINS	2,890	LF	10" FORCE MAIN SEWER
	290	CY SUBDRAIN FINE AGGREGATE	830	LB	DUCTILE IRON SEWER PIPE FITTINGS
	50	CY SUBDRAIN COARSE AGGREGATE	1	EA	4' DIA UTILITY MANHOLE
	2,000	LF 6" PERFORATED SUBDRAIN PIPE	2,760	LF	ABANDON 10" UTILITY PIPE
	5	EA SUBDRAIN PIPE OUTLET	1	EA	ABANDON UTILITY MANHOLE
	30	LF 6" OUTLET PIPE	2,770	LF	DIRECTIONAL DRILLING OF *** (10")
	16	EA MASONRY DRAINAGE STRUCTURES	2	EA	GENERIC UTILITY ITEM SINGLE UNIT TIE-IN ASSEMBLY
	8	LF MASONRY DRAINAGE STRUCTURES	29,875	LF	TEMPORARY SILT FENCE
	15	EA FRAME WITH TWO GRATES, STD 840.29	375	TON	STONE FOR EROSION CONTROL, CLASS A
	1	EA STEEL FRAME WITH TWO GRATES, STD 840.37	1,210	TON	STONE FOR EROSION CONTROL, CLASS B
	1,560	LF SHOULDER BERM GUTTER	1,555	TON	SEDIMENT CONTROL STONE
	3,125	LF STEEL BEAM GUARDRAIL	34.5	ACR	TEMPORARY MULCHING
	25	LF STEEL BEAM GUARDRAIL, SHOP CURVED	1,300	LB	SEED FOR TEMPORARY SEEDING
	20	EA ADDITIONAL GUARDRAIL POSTS	6.5	TON	FERTILIZER FOR TEMPORARY SEEDING

1,580	LF	TEMPORARY SLOPE DRAINS	1,411	TON	RIP RAP CLASS II (2'-0" THICK)
1,560	LF	SAFETY FENCE	1,474	SY	GEOTEXTILE FOR DRAINAGE
1,570	CY	SILT EXCAVATION	Lump Sum	LS	ELASTOMERIC BEARINGS
3,790	SY	MATTING FOR EROSION CONTROL	Lump Sum	LS	FOAM JOINT SEALS
100	SY	COIR FIBER MAT			
185	LF	1/4" HARDWARE CLOTH			
1,375	SY	FLOATING TURBIDITY CURTAIN			
30	EA	SPECIAL STILLING BASINS			
25	LB	FLOCCULANT			
3,050	LF	COIR FIBER WATTLE			
290	LF	COIR FIBER BAFFLE			
24	ACR	SEEDING & MULCHING			
27	ACR	MOWING			
350	LB	SEED FOR REPAIR SEEDING			
1.25	TON	FERTILIZER FOR REPAIR SEEDING			
575	LB	SEED FOR SUPPLEMENTAL SEEDING			
16.75	TON	FERTILIZER TOPDRESSING			
100	LF	IMPERVIOUS DIKE			
10	MHR	SPECIALIZED HAND MOWING			
15	MHR	MANUAL LITTER REMOVAL			
1	TON	LITTER DISPOSAL			
150	EA	RESPONSE FOR EROSION CONTROL			
6	EA	CONCRETE WASHOUT STRUCTURE			
0.55	ACR	REFORESTATION			
		<b>STRUCTURE ITEMS</b>			
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (25+45.00 -L-)			
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (35+00.00 -L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+45.00 -L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (35+00.00 -L-)			
Lump Sum	LS	ASBESTOS ASSESSMENT			
447	LF	**'-**" DIA DRILLED PIERS (3'-6")			
1,153.5	LF	**'-**" DIA DRILLED PIERS (4'-0")			
153	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER			
559.5	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER			
7	EA	SID INSPECTIONS			
7	EA	CSL TESTING			
26,941	SF	REINFORCED CONCRETE DECK SLAB			
24,437	SF	GROOVING BRIDGE FLOORS			
407.5	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+45.00 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (35+00.00 -L-)			
214,359	LB	REINFORCING STEEL (BRIDGE)			
45,016	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
1,062.08	LF	45" PRESTRESSED CONCRETE GIRDERS			
2,674.58	LF	54" PRESTRESSED CONCRETE GIRDERS			
12	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)			
16	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)			
630	LF	HP 12 X 53 STEEL PILES			
720	LF	HP 14 X 73 STEEL PILES			
14	EA	PILE REDRIVES			
4	EA	DYNAMIC PILE TESTING			
1,471.3	LF	TWO BAR METAL RAIL			
1,501.34	LF	1'-***" X *****" CONCRETE PARAPET (1'-2" X 2'-6")			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528 003

CONTRACT ID : C204957 2024CPT.05.15.20391.1 DIV OFFICE DURHAM LENGTH = 11.074 MI

COUNTY : GRANVILLE, VANCE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 7.00% COMPLETION DATE : NOV 15, 2025

## 5 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
554	TON	INCIDENTAL STONE BASE
22.15	SMI	SHOULDER RECONSTRUCTION
2,048	TON	AGGREGATE SHOULDER BORROW
2,486	SY	INCIDENTAL MILLING
9,529	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
638	TON	ASPHALT BINDER FOR PLANT MIX
379	TON	PATCHING EXISTING PAVEMENT
1,355	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
221,494	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
42	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528 004

CONTRACT ID : C204958 2024CPT.05.16.10931.1 DIV OFFICE DURHAM LENGTH = 16.776 MI

COUNTY : WARREN

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.00% COMPLETION DATE : NOV 15, 2025

US-158 E FROM US-1 TO US-158 BUS AND 6 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
14.66	SMI	SHOULDER RECONSTRUCTION
1,353	TON	AGGREGATE SHOULDER BORROW
270	SY	MILLING ASPHALT PAVEMENT, ***" TO ***** (0" TO 1")
1,240	SY	MILLING ASPHALT PAVEMENT, ***" TO ***** (0" TO 1-1/2")
12,664	SY	INCIDENTAL MILLING
25,007	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,660	TON	ASPHALT BINDER FOR PLANT MIX
736	TON	PATCHING EXISTING PAVEMENT
12	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,861	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
80	HR	LAW ENFORCEMENT
387,511	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,236	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
178	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,085	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
530	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L240528

005

CONTRACT ID : C204930 49987.3.1 DIV OFFICE FAYETTEVILLE LENGTH = 9.686 MI

COUNTY : COLUMBUS, ROBESON

DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.

DBE GOAL 6.00% COMPLETION DATE : AUG 15, 2026

US-74 FROM 1 MILE EAST OF NC-41 TO 0.26 MILES EAST OF THE COLUMBUS COUNTY LINE.

ROADWAY ITEMS					
			4	EA	SIGN ERECTION, TYPE E
Lump Sum	LS	MOBILIZATION	1	EA	SIGN ERECTION, TYPE F
Lump Sum	LS	CONSTRUCTION SURVEYING	4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,600	CY	BORROW EXCAVATION	800	SF	WORK ZONE SIGNS (STATIONARY)
16	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
50	SY	FOUNDATION CONDITIONING GEOTEXTILE	14	EA	WORK ZONE PRESENCE LIGHTING
48	LF	15" RC PIPE CULVERTS, CLASS III	100	EA	DRUMS
24	LF	18" RC PIPE CULVERTS, CLASS III	13	EA	SEQUENTIAL FLASHING WARNING LIGHTS
32	LF	24" RC PIPE CULVERTS, CLASS III	2	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM
32	LF	30" RC PIPE CULVERTS, CLASS III	8	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES
8	LF	36" RC PIPE CULVERTS, CLASS III	8	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL
16	LF	18" CS PIPE CULVERTS, 0.064" THICK	340	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE
250	TON	INCIDENTAL STONE BASE	285,730	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
32.83	SMI	SHOULDER RECONSTRUCTION	5,930	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
6,555	TON	AGGREGATE SHOULDER BORROW	16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
24,420	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	71	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
5,020	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	165	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)
250,175	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (1" TO 2")	289,120	LF	PAINT PAVEMENT MARKING LINES (6")
104,815	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (3/4" TO 1-1/2")	5,930	LF	PAINT PAVEMENT MARKING LINES (12")
5,000	SY	INCIDENTAL MILLING	165	LF	PAINT PAVEMENT MARKING LINES (24")
5,210	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	16	EA	PAINT PAVEMENT MARKING CHARACTER
38,340	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	71	EA	PAINT PAVEMENT MARKING SYMBOL
2,580	TON	ASPHALT BINDER FOR PLANT MIX	3,390	LF	POLYUREA PAVEMENT MARKING LINES (**, *** MILS) (6", 30 MILS)
196,750	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	1,515	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
660	TON	GENERIC PAVING ITEM ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C (WEDGING COURSE)	400	LF	TEMPORARY SILT FENCE
870	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S9.5C (WEDGING COURSE)	150	TON	SEDIMENT CONTROL STONE
15.5	CY	PIPE COLLARS	300	LF	SAFETY FENCE
16	EA	MASONRY DRAINAGE STRUCTURES	1,250	LF	1/4" HARDWARE CLOTH
2.6	LF	MASONRY DRAINAGE STRUCTURES	1,200	LF	WATTLE
16	EA	FRAME WITH TWO GRATES, STD 840.22	3	ACR	SEEDING & MULCHING
15	EA	GENERIC DRAINAGE ITEM CONCRETE APRON FOR DROP INLET	7	EA	RESPONSE FOR EROSION CONTROL
6	SY	4" CONCRETE PAVED DITCH	10	EA	CONCRETE WASHOUT STRUCTURE
1	EA	ADJUSTMENT OF DROP INLETS			<b>STRUCTURE ITEMS</b>
2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	312	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
26,162.5	LF	STEEL BEAM GUARDRAIL	76	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
200	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	304	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
25	EA	ADDITIONAL GUARDRAIL POSTS	8,389.4	SF	GENERIC STRUCTURE ITEM SILANE BARRIER RAIL TREATMENT
1	EA	GUARDRAIL END UNITS, TYPE AT-1	8,389.4	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR SILANE BARRIER RAIL TREATMENT
12	EA	GUARDRAIL END UNITS, TYPE CAT-1	5,507.8	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	5,507.8	SY	GENERIC STRUCTURE ITEM SILANE DECK TREATMENT
26	EA	GUARDRAIL END UNITS, TYPE TL-3			
30	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
27,870	LF	REMOVE EXISTING GUARDRAIL			
2,220	LF	WOVEN WIRE FENCE, 47" FABRIC			
131	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
50	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
250	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
3	EA	SIGN ERECTION, TYPE D			



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L240528

006

CONTRACT ID : C204931 49988.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 3.299 MI

COUNTY : ROBESON

DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.

DBE GOAL 4.00% COMPLETION DATE : MAY 15, 2026

US-74 FROM THE SCOTLAND COUNTY LINE TO I-74/US-74 BUS.

ROADWAY ITEMS					
			14	EA	WORK ZONE PRESENCE LIGHTING
Lump Sum	LS	MOBILIZATION	50	EA	DRUMS
Lump Sum	LS	CONSTRUCTION SURVEYING	13	EA	SEQUENTIAL FLASHING WARNING LIGHTS
10,455	CY	BORROW EXCAVATION	2	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM
5	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES
10	SY	FOUNDATION CONDITIONING GEOTEXTILE	4	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL
16	LF	15" RC PIPE CULVERTS, CLASS III	110	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE
8	LF	18" RC PIPE CULVERTS, CLASS III	2	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY ROAD CLOSURE
4	LF	15" CS PIPE CULVERTS, 0.064" THICK	74,820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
1	EA	PIPE CLEAN OUT	1,420	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
100	TON	INCIDENTAL STONE BASE	8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
12.35	SMI	SHOULDER RECONSTRUCTION	79,450	LF	PAINT PAVEMENT MARKING LINES (6")
11,395	TON	AGGREGATE SHOULDER BORROW	1,420	LF	PAINT PAVEMENT MARKING LINES (12")
375	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (2")	8	EA	PAINT PAVEMENT MARKING SYMBOL
104,790	SY	MILLING ASPHALT PAVEMENT, ****" TO *****" (1" TO 3")	4,630	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (6", 30 MILS)
9,082.1	SY	INCIDENTAL MILLING	516	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
12,870	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	Lump Sum	LS	PORTABLE LIGHTING
130	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	200	LF	TEMPORARY SILT FENCE
12,988.5	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	50	TON	SEDIMENT CONTROL STONE
1,381.1	TON	ASPHALT BINDER FOR PLANT MIX	150	LF	SAFETY FENCE
65,200	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	450	LF	1/4" HARDWARE CLOTH
480	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S9.5C (WEDGING COURSE)	400	LF	WATTLE
3.4	CY	PIPE COLLARS	1	ACR	SEEDING & MULCHING
2	EA	FRAME WITH TWO GRATES, STD 840.22	3	EA	RESPONSE FOR EROSION CONTROL
4	EA	GENERIC DRAINAGE ITEM CONCRETE APRON FOR DROP INLET	4	EA	CONCRETE WASHOUT STRUCTURE
7.7	SY	4" CONCRETE PAVED DITCH			<b>STRUCTURE ITEMS</b>
6,787.5	LF	STEEL BEAM GUARDRAIL	4	CF	SHOTCRETE REPAIRS
15	EA	ADDITIONAL GUARDRAIL POSTS	24.6	LF	EPOXY RESIN INJECTION
4	EA	GUARDRAIL END UNITS, TYPE CAT-1	Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
14	EA	GUARDRAIL END UNITS, TYPE TL-3	1,234.7	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
22	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	132.8	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
7,989	LF	REMOVE EXISTING GUARDRAIL	7.4	CF	GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CONCRETE CORED SLABS
470	LF	WOVEN WIRE FENCE, 47" FABRIC	707.5	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
21	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	10,566.5	SF	GENERIC STRUCTURE ITEM SILANE BARRIER RAIL TREATMENT
24	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	10,566.5	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR CONCRETE BARRIER RAIL
8	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	7,851.9	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	7,851.9	SY	GENERIC STRUCTURE ITEM SILANE DECK TREATMENT
8,440	LB	SUPPORTS, BREAKAWAY STEEL BEAM	12	EA	GENERIC STRUCTURE ITEM POST TENSIONING STRAND REPLACEMENT
170	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
6	EA	SIGN ERECTION, TYPE E			
1	EA	SIGN ERECTION, TYPE F			
10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)			
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)			
11	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
1	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
880	SF	WORK ZONE SIGNS (STATIONARY)			
4	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528 007

CONTRACT ID : C204959 2024CPT.07.13.20011 DIV OFFICE GREENSBORO LENGTH = 24.550 MI

COUNTY : ALAMANCE, GUILFORD

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 4.00% COMPLETION DATE : NOV 15, 2025

## 29 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
156	CY	BORROW EXCAVATION
1,338	TON	INCIDENTAL STONE BASE
31.26	SMI	SHOULDER RECONSTRUCTION
1,184	TON	AGGREGATE SHOULDER BORROW
157,536	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2")
21,100	SY	INCIDENTAL MILLING
34,684	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,296	TON	ASPHALT BINDER FOR PLANT MIX
905	TON	PATCHING EXISTING PAVEMENT
196,230	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
3,646	SY	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (#67)
66,140	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
1	EA	ADJUSTMENT OF DROP INLETS
13	EA	ADJUSTMENT OF MANHOLES
20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,690	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
160	HR	LAW ENFORCEMENT
397,765	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
2,160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
3,210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
829	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
43	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
107	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
380	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
Lump Sum	LS	PORTABLE LIGHTING
2.25	ACR	RESIDENTIAL SEEDING
4,450	LF	GENERIC SIGNAL ITEM INDUCTIVE LOOP SAW CUT (DEEP CUT)

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

L240528

008

CONTRACT ID : C204908

40325.3.59

DIV OFFICE GREENSBORO

LENGTH = 0.092 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 4.00% COMPLETION DATE : FEB 11, 2026

RAILWAY-HIGHWAY CROSSING CLOSURE AT PINE STREET AND NORFOLK SOUTHERN CROSSING 722 957-L.

## ROADWAY ITEMS

			2	EA	ADJUSTMENT OF DROP INLETS
Lump Sum	LS	MOBILIZATION	75	LF	STEEL BEAM GUARDRAIL
Lump Sum	LS	CONSTRUCTION SURVEYING	675	SY	GEOTEXTILE FOR DRAINAGE
100	CY	UNDERCUT EXCAVATION	62	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (TYPE E SIGN)
Lump Sum	LS	GRADING	140	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
100	CY	SELECT GRANULAR MATERIAL	10	EA	SIGN ERECTION, TYPE E
100	SY	GEOTEXTILE FOR SOIL STABILIZATION	1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
300	SF	TEMPORARY SHORING	1	EA	DISPOSAL OF SIGN, D, E OR F
130	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	383	SF	WORK ZONE SIGNS (STATIONARY)
410	SY	FOUNDATION CONDITIONING GEOTEXTILE	288	SF	WORK ZONE SIGNS (PORTABLE)
88	LF	12" RC PIPE CULVERTS, CLASS III	214	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
560	LF	15" RC PIPE CULVERTS, CLASS III	2	EA	FLASHING ARROW BOARD
400	LF	18" RC PIPE CULVERTS, CLASS III	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
168	LF	24" RC PIPE CULVERTS, CLASS III	75	EA	DRUMS
412	LF	PIPE REMOVAL	26	EA	SEQUENTIAL FLASHING WARNING LIGHTS
300	CY	SHALLOW UNDERCUT	270	LF	BARRICADES (TYPE III)
600	TON	CLASS IV SUBGRADE STABILIZATION	10	LF	PEDESTRIAN CHANNELIZING DEVICES
900	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	55	DAY	FLAGGER
500	TON	INCIDENTAL STONE BASE	20	HR	LAW ENFORCEMENT
620	SY	INCIDENTAL MILLING	32	EA	TUBULAR MARKERS (FIXED)
1,240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	4	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
1,070	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS
1,180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	4,341	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
230	TON	ASPHALT BINDER FOR PLANT MIX	183	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
920	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	639	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
44.8	CY	SUBDRAIN EXCAVATION	88	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	231	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
33.6	CY	SUBDRAIN COARSE AGGREGATE	4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
200	LF	6" PERFORATED SUBDRAIN PIPE	12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1	EA	SUBDRAIN PIPE OUTLET	3,942	LF	PAINT PAVEMENT MARKING LINES (4")
6	LF	6" OUTLET PIPE	766	LF	PAINT PAVEMENT MARKING LINES (8")
0.09	CY	PIPE PLUGS	430	LF	PAINT PAVEMENT MARKING LINES (24")
3	CY	FLOWABLE FILL	58	EA	PAINT PAVEMENT MARKING SYMBOL
23	EA	MASONRY DRAINAGE STRUCTURES	216	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
25.1	LF	MASONRY DRAINAGE STRUCTURES	58	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
6	EA	FRAME WITH TWO GRATES, STD 840.16	84.1	LF	6" WATER LINE
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	915.9	LF	8" WATER LINE
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	494	LF	12" WATER LINE
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	6,825	LB	DUCTILE IRON WATER PIPE FITTINGS
6	EA	FRAME WITH COVER, STD 840.54	6	EA	6" VALVE
80	LF	*** X *** CONCRETE CURB (8" X 18")	6	EA	8" VALVE
2,760	LF	2'-6" CONCRETE CURB & GUTTER	2	EA	12" VALVE
1,140	SY	4" CONCRETE SIDEWALK	1	EA	*** BLOW OFF (1-1/2")
13	EA	CONCRETE CURB RAMPS	16	EA	*** WATER METER (5/8")
690	SY	6" CONCRETE DRIVEWAY	4	EA	RECONNECT WATER METER
90	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	4	EA	FIRE HYDRANT
230	SY	GENERIC PAVING ITEM 8" REINFORCED CONCRETE SIDEWALK	1	EA	RELOCATE FIRE HYDRANT
2	EA	ADJUSTMENT OF CATCH BASINS	93.6	LF	FIRE HYDRANT LEG

67.7	LF	*** WATER SERVICE LINE (1-1/2")	1	EA	CABINET BASE EXTENDER
551.9	LF	WATER SERVICE LINE	1	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
16	EA	SANITARY SEWER CLEAN-OUT			
1,233.7	LF	ABANDON 6" UTILITY PIPE			
468.6	LF	ABANDON 12" UTILITY PIPE			
20	EA	REMOVE WATER METER			
3	EA	REMOVE FIRE HYDRANT			
239.2	LF	16" ENCASEMENT PIPE			
219.2	LF	BORE AND JACK OF *** (16")			
3,090	LF	TEMPORARY SILT FENCE			
225	TON	STONE FOR EROSION CONTROL, CLASS A			
15	TON	STONE FOR EROSION CONTROL, CLASS B			
130	TON	SEDIMENT CONTROL STONE			
5.5	ACR	TEMPORARY MULCHING			
400	LB	SEED FOR TEMPORARY SEEDING			
2	TON	FERTILIZER FOR TEMPORARY SEEDING			
200	LF	TEMPORARY SLOPE DRAINS			
360	LF	SAFETY FENCE			
20	CY	SILT EXCAVATION			
8,000	SY	MATTING FOR EROSION CONTROL			
620	LF	1/4" HARDWARE CLOTH			
90	LF	WATTLE			
6	ACR	SEEDING & MULCHING			
3	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
125	LB	SEED FOR SUPPLEMENTAL SEEDING			
3.5	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
25	EA	RESPONSE FOR EROSION CONTROL			
6	EA	CONCRETE WASHOUT STRUCTURE			
78	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT			
26	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 2			
8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
2,550	LF	SIGNAL CABLE			
10	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
2,000	LF	MESSENGER CABLE (1/4")			
475	LF	MESSENGER CABLE (3/8")			
1,550	LF	TRACER WIRE			
25	LF	PAVED TRENCHING (***** (1, 2")			
325	LF	UNPAVED TRENCHING (***** (1, 1")			
1,550	LF	DIRECTIONAL DRILL (***** (2, 2")			
6	EA	JUNCTION BOX (STANDARD SIZE)			
9	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)			
8	EA	GUY ASSEMBLY			
6	EA	2" RISER WITH HEAT SHRINK TUBING			
3,100	LF	LEAD-IN CABLE (14-2)			
1	EA	MODIFY SPLICE ENCLOSURE			
1	EA	INTERCONNECT CENTER			
9	EA	DELINEATOR MARKER			
4	EA	METAL STRAIN SIGNAL POLE			
4	EA	SOIL TEST			
24	CY	DRILLED PIER FOUNDATION			
1	EA	SIGN FOR SIGNALS			
8	EA	TYPE II PEDESTAL WITH FOUNDATION			
1	EA	LED BLANKOUT SIGN			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070E, BASE MOUNTED)			
6	EA	DETECTOR CARD (TYPE 170)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528

009

CONTRACT ID: C204762

67069.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.267 MI

COUNTY : CASWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 2.00% COMPLETION DATE : DEC 12, 2026

BRIDGE #160001 OVER COUNTRY LINE CREEK ON US-158/NC-86.

		ROADWAY ITEMS			
			3	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	5	EA	TEMPORARY ADDITIONAL GUARDRAIL POSTS
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	1,080	LF	WOVEN WIRE FENCE, 47" FABRIC
	23,000	CY UNCLASSIFIED EXCAVATION	66	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
	900	CY UNDERCUT EXCAVATION	21	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
Lump Sum	LS	GRADING	100	LF	ADDITIONAL BARBED WIRE
	160	CY DRAINAGE DITCH EXCAVATION	950	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (47")
	500	CY SELECT GRANULAR MATERIAL	177	TON	RIP RAP, CLASS II
	2,830	SY GEOTEXTILE FOR SOIL STABILIZATION	207	TON	RIP RAP, CLASS B
	151	SF TEMPORARY SHORING	1,785	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 20+18 - L-	28	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
	70	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	80	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	220	SY FOUNDATION CONDITIONING GEOTEXTILE	4	EA	SIGN ERECTION, TYPE D
	256	LF 15" RC PIPE CULVERTS, CLASS III	2	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	152	LF 18" RC PIPE CULVERTS, CLASS III	48	SF	WORK ZONE SIGNS (STATIONARY)
	188	LF 15" CS PIPE CULVERTS, 0.064" THICK	40	SF	WORK ZONE SIGNS (PORTABLE)
	48	LF 18" CS PIPE CULVERTS, 0.064" THICK	36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	6	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")	5	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
	2	EA *** CS PIPE ELBOWS, ***** THICK (18", 0.064")	98	EA	DRUMS
	83	LF PIPE REMOVAL	48	LF	BARRICADES (TYPE III)
	200	CY SHALLOW UNDERCUT	16	DAY	FLAGGER
	400	TON CLASS IV SUBGRADE STABILIZATION	81	EA	TEMPORARY RAISED PAVEMENT MARKERS
	600	SY GEOTEXTILE FOR SUBGRADE STABILIZATION	1,809	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	841	TON AGGREGATE BASE COURSE	1,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
	1,000	TON INCIDENTAL STONE BASE	7,422	LF	PAINT PAVEMENT MARKING LINES (4")
	887.5	GAL PRIME COAT	2,190	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	900	SY INCIDENTAL MILLING	3	EA	PERMANENT RAISED PAVEMENT MARKERS
	1,040	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	14	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
	820	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4,645	LF	TEMPORARY SILT FENCE
	1,220	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C	105	TON	STONE FOR EROSION CONTROL, CLASS A
	160	TON ASPHALT BINDER FOR PLANT MIX	790	TON	STONE FOR EROSION CONTROL, CLASS B
	1,000	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	655	TON	SEDIMENT CONTROL STONE
	45	CY SUBDRAIN EXCAVATION	5.5	ACR	TEMPORARY MULCHING
	200	SY GEOTEXTILE FOR SUBSURFACE DRAINS	400	LB	SEED FOR TEMPORARY SEEDING
	34	CY SUBDRAIN COARSE AGGREGATE	3	TON	FERTILIZER FOR TEMPORARY SEEDING
	200	LF 6" PERFORATED SUBDRAIN PIPE	380	LF	TEMPORARY SLOPE DRAINS
	1	EA SUBDRAIN PIPE OUTLET	520	LF	SAFETY FENCE
	6	LF 6" OUTLET PIPE	1,390	CY	SILT EXCAVATION
	7	EA MASONRY DRAINAGE STRUCTURES	10,200	SY	MATTING FOR EROSION CONTROL
	0.2	LF MASONRY DRAINAGE STRUCTURES	1,015	SY	COIR FIBER MAT
	7	EA FRAME WITH TWO GRATES, STD 840.20	740	LF	1/4" HARDWARE CLOTH
	115	LF SHOULDER BERM GUTTER	100	SY	LOW PERMEABILITY GEOTEXTILE
	1,225	LF STEEL BEAM GUARDRAIL	250	SY	FLOATING TURBIDITY CURTAIN
	10	EA ADDITIONAL GUARDRAIL POSTS	12	EA	SPECIAL STILLING BASINS
	2	EA GUARDRAIL END UNITS, TYPE TL-3	210	LB	FLOCCULANT
	4	EA GUARDRAIL ANCHOR UNITS, TYPE B-77	60	LF	COIR FIBER WATTLE
	1,400	LF REMOVE EXISTING GUARDRAIL	125	LF	COIR FIBER BAFFLE
	987.5	LF TEMPORARY STEEL BEAM GUARDRAIL	2	EA	*** SKIMMER (1-1/2")
	4	EA TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)			

6	ACR	SEEDING & MULCHING
3	ACR	MOWING
100	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
2	MHR	MANUAL LITTER REMOVAL
1	TON	LITTER DISPOSAL
15	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
9	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT
3	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 2
		STRUCTURE ITEMS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (17+10.00 -L DET-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+18.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+18.00 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
122.8	LF	4'-0" DIA DRILLED PIERS IN SOIL
93.4	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
48	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
6	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (20+18.00 -L-)
11,729	SF	REINFORCED CONCRETE DECK SLAB
12,146	SF	GROOVING BRIDGE FLOORS
190.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+18.00 -L-)
43,955	LB	REINFORCING STEEL (BRIDGE)
8,351	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,232.5	LF	54" PRESTRESSED CONCRETE GIRDERS
18	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
660	LF	HP 12 X 53 STEEL PILES
9	EA	STEEL PILE POINTS
1	EA	DYNAMIC PILE TESTING
496.46	LF	CONCRETE BARRIER RAIL
1,394	TON	RIP RAP CLASS II (2'-0" THICK)
1,475	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528

010

CONTRACT ID : C204913

37405.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 5.804 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 6.00% COMPLETION DATE : MAR 30, 2029

US-158 FROM MULTI-LANES NORTH OF US-421/I-40 BUSINESS TO SR-1965 (BELEWS CREEK ROAD).

		ROADWAY ITEMS			
			88	LF	24" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	MOBILIZATION	100	LF	30" CS PIPE CULVERTS, 0.079" THICK
Lump Sum	LS	CONSTRUCTION SURVEYING	42	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	26	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING	4	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")
14	EA	SEALING ABANDONED WELLS	6	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")
153,120	CY	UNCLASSIFIED EXCAVATION	2	EA	*** CS PIPE ELBOWS, ***** THICK (36", 0.079")
12,900	CY	UNDERCUT EXCAVATION	2	EA	*** CS PIPE ELBOWS, ***** THICK (42", 0.109")
147,990	CY	BORROW EXCAVATION	2	EA	*** CS PIPE ELBOWS, ***** THICK (48", 0.109")
18,330	CY	DRAINAGE DITCH EXCAVATION	96	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500")
4,300	LF	BERM DITCH CONSTRUCTION	108	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500")
19,050	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.625")
48,230	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	148	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (72", 1.000")
3,035	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	96	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500")
7,905	SY	BREAKING OF EXISTING CONCRETE PAVEMENT	108	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500")
1,700	CY	SELECT GRANULAR MATERIAL, CLASS III	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.625")
3,700	CY	SELECT GRANULAR MATERIAL	148	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1.000")
6,200	SY	GEOTEXTILE FOR SOIL STABILIZATION	7,698	LF	PIPE REMOVAL
3,377	SF	TEMPORARY SHORING	Lump Sum	LS	FINE GRADING
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 140+39.50 -L- LT	3,400	CY	SHALLOW UNDERCUT
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 140+39.50 -L- RT	6,600	TON	CLASS IV SUBGRADE STABILIZATION
100	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	10,200	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION
6,020	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4,610	TON	INCIDENTAL STONE BASE
18,910	SY	FOUNDATION CONDITIONING GEOTEXTILE	510	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")
16	LF	*** SIDE DRAIN PIPE (30")	1,660	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (2-1/2")
2,608	LF	15" SIDE DRAIN PIPE	11,360	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (4")
1,076	LF	18" SIDE DRAIN PIPE	3,670	SY	INCIDENTAL MILLING
56	LF	24" SIDE DRAIN PIPE	85,820	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
5,976	LF	15" RC PIPE CULVERTS, CLASS III	50,990	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
11,612	LF	18" RC PIPE CULVERTS, CLASS III	6,030	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,888	LF	24" RC PIPE CULVERTS, CLASS III	39,180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,484	LF	30" RC PIPE CULVERTS, CLASS III	9,015	TON	ASPHALT BINDER FOR PLANT MIX
792	LF	36" RC PIPE CULVERTS, CLASS III	1,290	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
300	LF	42" RC PIPE CULVERTS, CLASS III	231	EA	RIGHT-OF-WAY MARKERS
132	LF	48" RC PIPE CULVERTS, CLASS III	1,311	CY	SUBDRAIN EXCAVATION
76	LF	60" RC PIPE CULVERTS, CLASS III	3,900	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
104	LF	72" RC PIPE CULVERTS, CLASS III	655	CY	SUBDRAIN COARSE AGGREGATE
23,696	LF	15" RC PIPE CULVERTS, CLASS IV	3,900	LF	6" PERFORATED SUBDRAIN PIPE
1,272	LF	18" RC PIPE CULVERTS, CLASS IV	8	EA	SUBDRAIN PIPE OUTLET
940	LF	24" RC PIPE CULVERTS, CLASS IV	48	LF	6" OUTLET PIPE
688	LF	30" RC PIPE CULVERTS, CLASS IV	17.9	CY	ENDWALLS
472	LF	36" RC PIPE CULVERTS, CLASS IV			
76	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")			
132	LF	*** CS PIPE CULVERTS, ***** THICK (42", 0.109")			
32	LF	*** CS PIPE CULVERTS, ***** THICK (48", 0.109")			
920	LF	15" CS PIPE CULVERTS, 0.064" THICK			
832	LF	18" CS PIPE CULVERTS, 0.064" THICK			

13.4	CY	REINFORCED ENDWALLS	126	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
170	CY	FLOWABLE FILL	5	EA	DISPOSAL OF SUPPORT, U-CHANNEL
566	EA	MASONRY DRAINAGE STRUCTURES	2	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
28.6	CY	MASONRY DRAINAGE STRUCTURES	3,168	SF	WORK ZONE SIGNS (STATIONARY)
427.4	LF	MASONRY DRAINAGE STRUCTURES	625	SF	WORK ZONE SIGNS (PORTABLE)
75	EA	FRAME WITH GRATE, STD 840.**** (840.16)	423	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
48	EA	FRAME WITH TWO GRATES, STD 840.24	2	EA	FLASHING ARROW BOARD
32	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
189	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	1,076	EA	DRUMS
201	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	50	EA	CONES
23	EA	FRAME WITH COVER, STD 840.54	1,144	LF	BARRICADES (TYPE III)
1	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	720	DAY	FLAGGER
55	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	4	EA	TEMPORARY CRASH CUSHIONS
860	LF	** X **" CONCRETE CURB (8" X 18")	1	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
36,700	LF	1'-6" CONCRETE CURB & GUTTER	1,580	LF	PORTABLE CONCRETE BARRIER
56,040	LF	2'-6" CONCRETE CURB & GUTTER	430	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
550	SY	4" CONCRETE SIDEWALK	96	HR	LAW ENFORCEMENT
4	EA	CONCRETE CURB RAMPS	2,081	EA	TEMPORARY RAISED PAVEMENT MARKERS
4,934	SY	6" CONCRETE DRIVEWAY	40,107	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
140	SY	4" CONCRETE PAVED DITCH	96,124	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
11,430	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	133	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
3	EA	ADJUSTMENT OF CATCH BASINS	16,218	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
27	EA	ADJUSTMENT OF MANHOLES	1,452	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
22	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	27	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	215	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
10,375	LF	STEEL BEAM GUARDRAIL	5	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,287.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	1,375	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
2	EA	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	1,308	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)
10	EA	ADDITIONAL GUARDRAIL POSTS	320	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (IV)
8	EA	GUARDRAIL END UNITS, TYPE AT-1	128,603	LF	PAINT PAVEMENT MARKING LINES (4")
21	EA	GUARDRAIL END UNITS, TYPE CAT-1	475,311	LF	PAINT PAVEMENT MARKING LINES (6")
22	EA	GUARDRAIL END UNITS, TYPE TL-3	104	LF	PAINT PAVEMENT MARKING LINES (8")
4	EA	GUARDRAIL END UNITS, TYPE TL-2	63,237	LF	PAINT PAVEMENT MARKING LINES (12")
9	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	5,006	LF	PAINT PAVEMENT MARKING LINES (24")
130	LF	REMOVE & RESET EXISTING GUARDRAIL	60	EA	PAINT PAVEMENT MARKING CHARACTER
1,240	LF	REMOVE EXISTING GUARDRAIL	423	EA	PAINT PAVEMENT MARKING SYMBOL
850	LF	TEMPORARY STEEL BEAM GUARDRAIL	9,274	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
8	EA	TEMPORARY GUARDRAIL END UNITS, TYPE **** (TL-3)	57,373	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
5	EA	TEMPORARY ADDITIONAL GUARDRAIL POSTS	2,103	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
58	EA	METAL LINE POSTS FOR **" CHAIN LINK FENCE (96")	407	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
10	EA	METAL TERMINAL POSTS FOR **" CHAIN LINK FENCE (96")	58	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
677	LF	GENERIC FENCING ITEM VINYL COATED CHAIN LINK FENCE, 96" FABRIC WITH BROWN PRIVACY SLATS	203	EA	PERMANENT RAISED PAVEMENT MARKERS
1,160	TON	RIP RAP, CLASS I	1,616	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
380	TON	RIP RAP, CLASS II	2	EA	120' HIGH MOUNT STANDARD
4,880	TON	RIP RAP, CLASS B	1	EA	PORTABLE DRIVE UNIT
23,655	SY	GEOTEXTILE FOR DRAINAGE	19	CY	HIGH MOUNT FOUNDATIONS
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	16	EA	HIGH MOUNT LUMINAIRES ***** (560W LED)
3,221	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	21	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM)
2	EA	SIGN ERECTION, TYPE D	19	EA	STANDARD FOUNDATION ***** (TYPE R1)
158	EA	SIGN ERECTION, TYPE E	2	EA	STANDARD FOUNDATION ***** (TYPE R2)
41	EA	SIGN ERECTION, TYPE F	21	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW, 285W LED)
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	1	EA	ELECTRIC SERVICE POLE ***** (30' CLASS 4)
5	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)			



25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	37	EA	REMOVE WATER METER
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V)	30	EA	REMOVE FIRE HYDRANT
490	LF	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 3")	1	EA	ABANDON UTILITY MANHOLE
120	LF	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 4")	130	LF	24" ENCASEMENT PIPE
150	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	96	LF	36" ENCASEMENT PIPE
130	LF	** #8 W/G FEEDER CIRCUIT (2)	130	LF	BORE AND JACK OF *** (24")
130	LF	** #6 W/G FEEDER CIRCUIT (2)	96	LF	BORE AND JACK OF *** (36")
3,305	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	346	LF	DIRECTIONAL DRILLING OF *** (16")
1,160	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	5	EA	GENERIC UTILITY ITEM CONCRETE CRADLE
4,690	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	4	EA	GENERIC UTILITY ITEM RELOCATE DCV BACKFLOW PREVENTOR
1	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)	8	EA	GENERIC UTILITY ITEM WATER METER
2	EA	ELECTRICAL JUNCTION BOXES ***** (HM18)	2,352	LF	GENERIC UTILITY ITEM 3" PVC SLEEVE
3	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)	24	LF	GENERIC UTILITY ITEM REMOVE 6" UTILITY PIPE
20	EA	ELECTRICAL JUNCTION BOXES ***** (LS18)	34	LF	GENERIC UTILITY ITEM REMOVE 8" UTILITY PIPE
1	EA	ELECTRICAL JUNCTION BOXES ***** (LS36)	118,190	LF	TEMPORARY SILT FENCE
1,477	LF	6" WATER LINE	5,640	TON	STONE FOR EROSION CONTROL, CLASS A
4,160	LF	8" WATER LINE	14,035	TON	STONE FOR EROSION CONTROL, CLASS B
5,696	LF	12" WATER LINE	12,110	TON	SEDIMENT CONTROL STONE
945	LF	16" WATER LINE	150.5	ACR	TEMPORARY MULCHING
1,874	LF	24" WATER LINE	5,900	LB	SEED FOR TEMPORARY SEEDING
52,840	LB	DUCTILE IRON WATER PIPE FITTINGS	30.5	TON	FERTILIZER FOR TEMPORARY SEEDING
30	EA	6" VALVE	5,115	LF	TEMPORARY SLOPE DRAINS
9	EA	8" VALVE	6,900	LF	SAFETY FENCE
14	EA	12" VALVE	58,160	CY	SILT EXCAVATION
4	EA	16" VALVE	231,689	SY	MATTING FOR EROSION CONTROL
1	EA	24" VALVE	1,275	SY	COIR FIBER MAT
12	EA	*** INSERTION VALVE (12")	2,975	SY	PERMANENT SOIL REINFORCEMENT MAT
1	EA	*** INSERTION VALVE (24")	29,065	LF	1/4" HARDWARE CLOTH
2	EA	*** INSERTION VALVE (6")	1,600	SY	LOW PERMEABILITY GEOTEXTILE
6	EA	*** INSERTION VALVE (8")	290	LF	*** TEMPORARY PIPE (36")
8	EA	6" TAPPING SLEEVE & VALVE	148	CY	STILLING BASINS
1	EA	8" TAPPING SLEEVE & VALVE	12	EA	SPECIAL STILLING BASINS
1	EA	2" AIR RELEASE VALVE	16,705	LB	FLOCCULANT
1	EA	*** WATER METER (1")	17,250	LF	COIR FIBER WATTLE
45	EA	*** WATER METER (5/8")	9,520	LF	COIR FIBER BAFFLE
73	EA	RELOCATE WATER METER	37	EA	*** SKIMMER (1-1/2")
10	EA	RECONNECT WATER METER	4	EA	*** SKIMMER (2")
1	EA	RELOCATE 6" DCV BACKFLOW PREVENTION ASSEMBLY	1	EA	*** SKIMMER (2-1/2")
31	EA	FIRE HYDRANT	99	ACR	SEEDING & MULCHING
1,359	LF	FIRE HYDRANT LEG	111	ACR	MOWING
8,750.5	LF	WATER SERVICE LINE	1,550	LB	SEED FOR REPAIR SEEDING
1,852	LF	4" SANITARY GRAVITY SEWER	4,75	TON	FERTILIZER FOR REPAIR SEEDING
647	LF	8" SANITARY GRAVITY SEWER	2,325	LB	SEED FOR SUPPLEMENTAL SEEDING
25	EA	SANITARY SEWER CLEAN-OUT	69.5	TON	FERTILIZER TOPDRESSING
3	EA	4' DIA UTILITY MANHOLE	193	LF	IMPERVIOUS DIKE
24	LF	UTILITY MANHOLE WALL 4' DIA	60	MHR	SPECIALIZED HAND MOWING
1,345	LF	ABANDON 6" UTILITY PIPE	62	MHR	MANUAL LITTER REMOVAL
5,145	LF	ABANDON 8" UTILITY PIPE	54	TON	LITTER DISPOSAL
5,138	LF	ABANDON 12" UTILITY PIPE	24	SMI	MECHANICAL LITTER REMOVAL
492	LF	ABANDON 16" UTILITY PIPE	150	EA	RESPONSE FOR EROSION CONTROL
1,861	LF	ABANDON 24" UTILITY PIPE	35	EA	CONCRETE WASHOUT STRUCTURE
			164	CY	CULVERT DIVERSION CHANNEL
			3,639	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT
			1,213	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1
			138	EA	BETULA NIGRA, RIVER BIRCH, (3 GAL)
			10	EA	CRYPTOMERIA JAPONICA, JAPANESE CRYPTOMERIA, (3 GAL)

23	EA	JUNIPERUS VIRGINIANA, EASTERN RED CEDAR, (3 GAL)	2	EA	GENERIC SIGNAL ITEM CCTV FIELD EQUIPMENT CABINET
138	EA	PLATANUS OCCIDENTALIS, SYCAMORE, (3 GAL)	3	EA	GENERIC SIGNAL ITEM CCTV METAL POLE
138	EA	QUERCUS PHELLOS, WILLOW OAK, (3 GAL)	5	EA	GENERIC SIGNAL ITEM DEPARTMENT SUPPLIED 2070 CONTROLLER
9	EA	GENERIC PLANTING ITEM CEDRUS DEODARA, DEODAR CEDAR (3 GAL)	3	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
12	EA	GENERIC PLANTING ITEM CUPRESSUS ARIZONICA VAR GLABRA, CAROLINA SAPPHIRE (3 GAL)	2	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER
138	EA	GENERIC PLANTING ITEM QUERCUS PAGODA, CHERRYBARK OAK (3 GAL)	2	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE
15	EA	GENERIC PLANTING ITEM THUJA STANDISHII X PLICATA, GREEN GIANT (5 GAL)	2	EA	GENERIC SIGNAL ITEM DYNAMIC MESSAGE SIGN (TYPE 1A)
23,975	LF	SIGNAL CABLE	18	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
94	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	40	EA	GENERIC SIGNAL ITEM LUMINAIRE ARM FOR TEMPORARY VIDEO SYSTEM
31	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	4	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBO PANEL
11	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	4	EA	GENERIC SIGNAL ITEM MODIFY EXISTING VEHICLE SIGNAL HEAD
14	EA	LOUVER	180	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR
30,840	LF	MESSENGER CABLE (1/4")	104.5	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS
4,225	LF	MESSENGER CABLE (3/8")	120	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER SERVICE ENTRANCE CONDUCTORS
3,174	LF	TRACER WIRE	71.5	LF	GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCTORS
200	LF	PAVED TRENCHING (*****) (1, 2")			<b>CULVERT ITEMS</b>
9,746	LF	UNPAVED TRENCHING (*****) (1, 2")	Lump Sum	LS	BOX CULVERT EXCAVATION, STA ***** (107+57.00 -L-)
1,271	LF	DIRECTIONAL DRILL (*****) (1, 2")	Lump Sum	LS	BOX CULVERT EXCAVATION, STA ***** (229+09.00 -L2-)
1,550	LF	DIRECTIONAL DRILL (*****) (2, 2")	354	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
105	EA	JUNCTION BOX (STANDARD SIZE)	188	CY	CLASS A CONCRETE (CULVERT)
39	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	19,507	LB	REINFORCING STEEL (CULVERT)
16	EA	WOOD POLE			<b>WALL ITEMS</b>
27	EA	GUY ASSEMBLY			
4	EA	***" RISER WITH ***** (1-1/2", WEATHERHEAD)	305	LF	CONCRETE BARRIER RAIL WITH MOMENT SLAB
3	EA	1" RISER WITH WEATHERHEAD	3,000	SF	MSE RETAINING WALL NO **** (1)
1	EA	2" RISER WITH WEATHERHEAD			<b>STRUCTURE ITEMS</b>
16	EA	2" RISER WITH HEAT SHRINK TUBING			
7,075	LF	INDUCTIVE LOOP SAWCUT	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (140+39.50 -L- LT)
21,625	LF	LEAD-IN CABLE (14-2)	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (140+39.50 -L- RT)
10	EA	SITE SURVEY	44	LF	PILE EXCAVATION IN SOIL
48	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	46	LF	PILE EXCAVATION NOT IN SOIL
13	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT	27	LF	3'-6" DIA DRILLED PIERS IN SOIL
1,128	LF	COMMUNICATIONS CABLE (** FIBER) (24)	51	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
36,295	LF	COMMUNICATIONS CABLE (** FIBER) (72)	2	EA	SID INSPECTIONS
8,036	LF	DROP CABLE	2	EA	SPT TESTING
12	EA	SPLICE ENCLOSURE	2	EA	CSL TESTING
4	EA	MODIFY SPLICE ENCLOSURE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (140+39.50 -L- LT)
17	EA	INTERCONNECT CENTER	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (140+39.50 -L- RT)
25	EA	DELINEATOR MARKER	13,146	SF	REINFORCED CONCRETE DECK SLAB
4	EA	METAL STRAIN SIGNAL POLE	14,146	SF	GROOVING BRIDGE FLOORS
10	EA	METAL POLE WITH SINGLE MAST ARM	356.9	CY	CLASS A CONCRETE (BRIDGE)
19	EA	SOIL TEST	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (140+39.50 -L- LT)
166	CY	DRILLED PIER FOUNDATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (140+39.50 -L- RT)
10	EA	MAST ARM WITH METAL POLE DESIGN	58,954	LB	REINFORCING STEEL (BRIDGE)
43	EA	SIGN FOR SIGNALS	4,404	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
15	EA	TYPE II PEDESTAL WITH FOUNDATION	1,648.34	LF	54" PRESTRESSED CONCRETE GIRDERS
11	EA	SIGNAL CABINET FOUNDATION	29	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
6	EA	CONTROLLERS WITH CABINET (*****) (TYPE 2070LX, BASE MTD)	585	LF	HP 12 X 53 STEEL PILES
55	EA	DETECTOR CARD (TYPE 170)	21	EA	STEEL PILE POINTS
11	EA	CABINET BASE EXTENDER	7	EA	PILE REDRIVES
2	EA	GENERIC SIGNAL ITEM 2070LX CONTROLLER			
18	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE			
5	EA	GENERIC SIGNAL ITEM CABINET WITHOUT CONTROLLER (TYPE 170E)			

2	EA	DYNAMIC PILE TESTING
753.56	LF	CONCRETE BARRIER RAIL
3,555	TON	RIP RAP CLASS II (2'-0" THICK)
3,960	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528

011

CONTRACT ID : C204844 46971.3.1

DIV OFFICE NORTH WILKESBORO LENGTH = 0.658 MI

COUNTY : CALDWELL

GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALL.

DBE GOAL 5.00% COMPLETION DATE : MAR 30, 2027

SR-1109 (PINEWOOD ROAD) FROM US-321 TO SR-1252 (BERT HUFFMAN ROAD).

ROADWAY ITEMS					
			310	LF	CONCRETE EXPRESSWAY GUTTER
Lump Sum	LS	MOBILIZATION	2,940	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	CONSTRUCTION SURVEYING	26	EA	CONCRETE CURB RAMPS
Lump Sum	LS	GRADING	1,000	SY	6" CONCRETE DRIVEWAY
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	270	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
600	CY	UNDERCUT EXCAVATION	420	SY	GENERIC PAVING ITEM
138	CY	DRAINAGE DITCH EXCAVATION			7" CONCRETE TRUCK APRON
600	CY	SELECT GRANULAR MATERIAL	3	EA	ADJUSTMENT OF CATCH BASINS
600	SY	GEOTEXTILE FOR SOIL STABILIZATION	1	EA	ADJUSTMENT OF MANHOLES
1,420	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	300	LF	STEEL BEAM GUARDRAIL
4,410	SY	FOUNDATION CONDITIONING GEOTEXTILE	5	EA	ADDITIONAL GUARDRAIL POSTS
3,432	LF	15" RC PIPE CULVERTS, CLASS IV	2	EA	GUARDRAIL END UNITS, TYPE TL-2
1,268	LF	18" RC PIPE CULVERTS, CLASS IV	485	LF	GENERIC FENCING ITEM BLACK VINYL COATED CHAIN LINK FENCE, 48" FABRIC
268	LF	24" RC PIPE CULVERTS, CLASS IV	45	EA	GENERIC FENCING ITEM BLACK VINYL COATED METAL LINE POST FOR 48" CHAIN LINK FENCE
32	LF	*** RC PIPE CULVERTS, CLASS V (18")			
60	LF	24" CS PIPE CULVERTS, 0.064" THICK	7	EA	GENERIC FENCING ITEM BLACK VINYL COATED METAL TERMINAL POST FOR 48" CHAIN LINK FENCE
1,481	LF	PIPE REMOVAL	25	TON	RIP RAP, CLASS I
700	CY	SHALLOW UNDERCUT	73	TON	RIP RAP, CLASS B
1,400	TON	CLASS IV SUBGRADE STABILIZATION	1,145	SY	GEOTEXTILE FOR DRAINAGE
2,100	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
1,000	TON	AGGREGATE BASE COURSE	770	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
500	TON	INCIDENTAL STONE BASE	5	EA	SIGN ERECTION, TYPE D
1,000	SY	INCIDENTAL MILLING	51	EA	SIGN ERECTION, TYPE E
2,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA	SIGN ERECTION, TYPE F
2,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	8	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
3,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	27	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
430	TON	ASPHALT BINDER FOR PLANT MIX	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
900	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	5	EA	DISPOSAL OF SUPPORT, U-CHANNEL
56	CY	SUBDRAIN EXCAVATION	1	EA	DISPOSAL OF SIGN, D, E OR F
250	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	669	SF	WORK ZONE SIGNS (STATIONARY)
42	CY	SUBDRAIN COARSE AGGREGATE	96	SF	WORK ZONE SIGNS (PORTABLE)
250	LF	6" PERFORATED SUBDRAIN PIPE	156	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	SUBDRAIN PIPE OUTLET	620	EA	DRUMS
6	LF	6" OUTLET PIPE	30	EA	CONES
7	CY	FLOWABLE FILL	112	LF	BARRICADES (TYPE III)
73	EA	MASONRY DRAINAGE STRUCTURES	100	LF	PEDESTRIAN CHANNELIZING DEVICES
38.1	LF	MASONRY DRAINAGE STRUCTURES	180	DAY	FLAGGER
9	EA	FRAME WITH TWO GRATES, STD 840.16	535	LF	WATER FILLED BARRIER
2	EA	FRAME WITH TWO GRATES, STD 840.24	36	HR	LAW ENFORCEMENT
2	EA	FRAME WITH TWO GRATES, STD 840.29	45	EA	SKINNY DRUM
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	11,132	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
28	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	1,064	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	166	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1	EA	FRAME WITH COVER, STD 840.54	52	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	12,235	LF	PAINT PAVEMENT MARKING LINES (4")
370	LF	*** X *** CONCRETE CURB (9" X 12")	828	LF	PAINT PAVEMENT MARKING LINES (8")
185	LF	*** X *** CONCRETE CURB (9" X 18")	213	LF	PAINT PAVEMENT MARKING LINES (24")
8,220	LF	2'-6" CONCRETE CURB & GUTTER	30	EA	PAINT PAVEMENT MARKING SYMBOL
			180	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER

177	LF	6" WATER LINE	330	LF	DIRECTIONAL DRILL (***** (1, 2")
1,101	LF	8" WATER LINE	8	EA	JUNCTION BOX (STANDARD SIZE)
910	LF	10" WATER LINE	4	EA	WOOD POLE
2,674	LF	12" WATER LINE	8	EA	GUY ASSEMBLY
13,000	LB	DUCTILE IRON WATER PIPE FITTINGS	4	EA	1/2" RISER WITH WEATHERHEAD
3	EA	6" VALVE	1	EA	1" RISER WITH WEATHERHEAD
5	EA	8" VALVE	1	EA	2" RISER WITH WEATHERHEAD
10	EA	10" VALVE	1,450	LF	INDUCTIVE LOOP SAWCUT
12	EA	12" VALVE	3,500	LF	LEAD-IN CABLE (14-2)
12	EA	RELOCATE WATER METER	2	EA	SITE SURVEY
3	EA	RECONNECT WATER METER	5	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
4	EA	RELOCATE FIRE HYDRANT	2	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
40	LF	FIRE HYDRANT LEG	4	EA	METAL POLE WITH SINGLE MAST ARM
1,050	LF	WATER SERVICE LINE	4	EA	SOIL TEST
3,282	LF	8" SANITARY GRAVITY SEWER	24	CY	DRILLED PIER FOUNDATION
15	EA	SANITARY SEWER CLEAN-OUT	4	EA	MAST ARM WITH METAL POLE DESIGN
453	LF	SEWER SERVICE LINE	9	EA	TYPE II PEDESTAL WITH FOUNDATION
21	EA	4' DIA UTILITY MANHOLE	2	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070LX, BASE MOUNTED)
1	EA	5' DIA UTILITY MANHOLE	22	EA	DETECTOR CARD (TYPE 170)
122.6	LF	UTILITY MANHOLE WALL 4' DIA	2	EA	CABINET BASE EXTENDER
14.9	LF	UTILITY MANHOLE WALL 5' DIA	2	EA	GENERIC SIGNAL ITEM LUMINAIRE ARM FOR TEMPORARY VIDEO SYSTEM
3,167	LF	ABANDON 8" UTILITY PIPE			<b>WALL ITEMS</b>
1,623	LF	ABANDON 12" UTILITY PIPE	3,320	SF	GENERIC RETAINING WALL ITEM SMSE RETAINING WALL NO 1
9	EA	ABANDON UTILITY MANHOLE	825	SF	GENERIC RETAINING WALL ITEM TEMPORARY SOIL NAIL SHORING
50	LF	12" ENCASEMENT PIPE			
230	LF	16" ENCASEMENT PIPE			
50	LF	20" ENCASEMENT PIPE			
50	LF	24" ENCASEMENT PIPE			
100	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASEMENT			
9,440	LF	TEMPORARY SILT FENCE			
640	TON	STONE FOR EROSION CONTROL, CLASS A			
1,335	TON	STONE FOR EROSION CONTROL, CLASS B			
1,495	TON	SEDIMENT CONTROL STONE			
8	ACR	TEMPORARY MULCHING			
500	LB	SEED FOR TEMPORARY SEEDING			
2.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
200	LF	TEMPORARY SLOPE DRAINS			
360	LF	SAFETY FENCE			
2,550	CY	SILT EXCAVATION			
10,000	SY	MATTING FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
4,260	LF	1/4" HARDWARE CLOTH			
290	LB	FLOCCULANT			
20	LF	COIR FIBER WATTLE			
45	LF	COIR FIBER BAFFLE			
8	ACR	SEEDING & MULCHING			
4	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
175	LB	SEED FOR SUPPLEMENTAL SEEDING			
5.25	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
100	EA	RESPONSE FOR EROSION CONTROL			
6	EA	CONCRETE WASHOUT STRUCTURE			
102	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT			
34	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1			
12	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
4,400	LF	SIGNAL CABLE			
15	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
7	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
400	LF	MESSENGER CABLE (3/8")			
480	LF	UNPAVED TRENCHING (***** (1, 2")			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240528

012

CONTRACT ID: C204411

14SP.20441.1

DIV OFFICE SYLVA

LENGTH = 0.175 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 2.00% COMPLETION DATE : NOV 11, 2027

BRIDGE #430175 AND BRIDGE #430174 OVER BIG CREEK ON SR-1332 (WATERVILLE ROAD).

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	10	EA	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	CONSTRUCTION SURVEYING	4	EA	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE III
Lump Sum	LS	GRADING	2	EA	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE III SHOP CURVED
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	6	EA	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED GUARDRAIL END UNITS, TYPE TL-2
50	CY	UNDERCUT EXCAVATION	17	TON	RIP RAP, CLASS B
50	CY	SELECT GRANULAR MATERIAL	755	SY	GEOTEXTILE FOR DRAINAGE
50	SY	GEOTEXTILE FOR SOIL STABILIZATION	384	SF	WORK ZONE SIGNS (STATIONARY)
877	SF	TEMPORARY SHORING	52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
293.2	SY	GENERIC GRADING ITEM PRE-SPLITTING OF ROCK	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 12+30.00 -L-	2	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 13+33.99 -L-	90	EA	DRUMS
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	50	EA	CONES
110	SY	FOUNDATION CONDITIONING GEOTEXTILE	195	LF	BARRICADES (TYPE III)
76	LF	15" DRAINAGE PIPE	17	DAY	FLAGGER
76	LF	15" RC PIPE CULVERTS, CLASS III	20	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRAIN TRANSPORT SERVICE
108	LF	15" CS PIPE CULVERTS, 0.064" THICK	4,423	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
44	LF	18" CS PIPE CULVERTS, 0.064" THICK	4,147	LF	PAINT PAVEMENT MARKING LINES (4")
6	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	44	LF	PAINT PAVEMENT MARKING LINES (24")
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	1,712	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
48	LF	PIPE REMOVAL	44	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
50	TON	CLASS IV SUBGRADE STABILIZATION	Lump Sum	LS	GENERIC UTILITY ITEM TEMPORARY AND PERMANENT WATER LINE CONSTRUCTION
50	TON	INCIDENTAL STONE BASE	1,310	LF	TEMPORARY SILT FENCE
1,340	SY	INCIDENTAL MILLING	180	TON	STONE FOR EROSION CONTROL, CLASS A
440	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	215	TON	STONE FOR EROSION CONTROL, CLASS B
400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	335	TON	SEDIMENT CONTROL STONE
50	TON	ASPHALT BINDER FOR PLANT MIX	1	ACR	TEMPORARY MULCHING
8	EA	MASONRY DRAINAGE STRUCTURES	200	LB	SEED FOR TEMPORARY SEEDING
4	EA	FRAME WITH TWO GRATES, STD 840.29	1	TON	FERTILIZER FOR TEMPORARY SEEDING
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	200	LF	TEMPORARY SLOPE DRAINS
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	200	LF	SAFETY FENCE
380	LF	2'-6" CONCRETE CURB & GUTTER	260	CY	SILT EXCAVATION
1	EA	MODIFIED CONCRETE FLUME	4,870	SY	MATTING FOR EROSION CONTROL
140	SY	4" CONCRETE SIDEWALK	3,360	SY	COIR FIBER MAT
3	EA	CONCRETE CURB RAMPS	810	LF	1/4" HARDWARE CLOTH
52	SY	4" CONCRETE PAVED DITCH	4	EA	SPECIAL STILLING BASINS
110	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	25	LB	FLOCCULANT
225	LF	REMOVE & RESET EXISTING GUARDRAIL	1	ACR	SEEDING & MULCHING
95	LF	REMOVE EXISTING GUARDRAIL	1	ACR	MOWING
262.5	LF	TEMPORARY STEEL BEAM GUARDRAIL	100	LB	SEED FOR REPAIR SEEDING
50	LF	TEMPORARY STEEL BEAM GUARDRAIL, SHOP CURVED	0.5	TON	FERTILIZER FOR REPAIR SEEDING
4	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)	100	LB	SEED FOR SUPPLEMENTAL SEEDING
50	LF	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED STEEL BEAM GUARDRAIL	0.5	TON	FERTILIZER TOPDRESSING
12.5	LF	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED STEEL BEAM GUARDRAIL, SHOP CURVED.	405	LF	IMPERVIOUS DIKE
			20	MHR	SPECIALIZED HAND MOWING
			20	EA	RESPONSE FOR EROSION CONTROL
			4	EA	CONCRETE WASHOUT STRUCTURE

0.2	ACR	REFORESTATION	Lump Sum	LS	GENERIC STRUCTURE ITEM WATER LINE HANGERS
9	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT	460.67	LF	GENERIC STRUCTURE ITEM ANODIZED TWO BAR METAL RAIL
3	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 WALL ITEMS	19	EA	GENERIC STRUCTURE ITEM 10-3/4" DIA MICROPILES
2,030	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT			
348	SF	GENERIC RETAINING WALL ITEM CAST-IN-PLACE CANTILEVER RETAINING WALL NO 1			
319	SF	GENERIC RETAINING WALL ITEM CAST-IN-PLACE CANTILEVER RETAINING WALL NO 2			
2,030	SF	GENERIC RETAINING WALL ITEM ROCK NAIL RETAINING WALLS			
4	EA	GENERIC STRUCTURE ITEM ROCK NAIL PROOF TESTS			
2	EA	GENERIC STRUCTURE ITEM ROCK NAIL VERIFICATION TESTS			
		STRUCTURE ITEMS			
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (12+30.00 -L-)			
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (13+33.99 -L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+30.00 -L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+33.99 -L-)			
Lump Sum	LS	ASBESTOS ASSESSMENT			
35	LF	PILE EXCAVATION IN SOIL			
135	LF	PILE EXCAVATION NOT IN SOIL			
28.5	LF	3'-0" DIA DRILLED PIERS IN SOIL			
22	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL			
1	EA	SID INSPECTIONS			
1	EA	CSL TESTING			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+30.00 -L-)			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+33.99 -L-)			
3,863	SF	REINFORCED CONCRETE DECK SLAB			
3,809	SF	GROOVING BRIDGE FLOORS			
20.8	CY	CLASS AA CONCRETE (BRIDGE)			
220.1	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+30.00 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+33.99 -L-)			
30,515	LB	REINFORCING STEEL (BRIDGE)			
870	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)			
1,301	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
215,000	LS	APPROX ..... LBS STRUCTURAL STEEL			
14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)			
279	LF	HP 12 X 53 STEEL PILES			
279.1	LF	1'-** X ***** CONCRETE PARAPET (1'-2" X 2'-6")			
106.83	LF	1'-** X ***** CONCRETE PARAPET (1'-2" X 2'-9 1/2")			
106.83	LF	1'-** X ***** CONCRETE PARAPET (1'-2" X 3'-6 1/2")			
613	TON	RIP RAP CLASS II (2'-0" THICK)			
680	SY	GEOTEXTILE FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	FOAM JOINT SEALS			
440	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS			
825	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS			

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

L240528

013

CONTRACT ID : C204796 49622.3.1

DIV OFFICE SYLVA

LENGTH = 0.540 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 3.00% COMPLETION DATE : APR 29, 2028

BRIDGES #248 AND #249 OVER SR-1613 (BEAVERDAM RD) ON I-40.

ROADWAY ITEMS			500	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION
Lump Sum	LS	MOBILIZATION	6,100	TON	AGGREGATE BASE COURSE
Lump Sum	LS	CONSTRUCTION SURVEYING	10	TON	INCIDENTAL STONE BASE
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	2,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	9,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
45,000	CY	UNCLASSIFIED EXCAVATION	1,400	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")
450	CY	UNDERCUT EXCAVATION	800	SY	INCIDENTAL MILLING
62,000	CY	BORROW EXCAVATION	14,360	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
12	EA	EMBANKMENT SETTLEMENT GAUGES	10,700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
1,600	CY	DRAINAGE DITCH EXCAVATION	1,240	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
750	LF	BERM DITCH CONSTRUCTION	8,360	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
11,800	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,245	TON	ASPHALT BINDER FOR PLANT MIX
4,600	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	515	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
400	CY	SELECT GRANULAR MATERIAL	580	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
1,100	SY	GEOTEXTILE FOR SOIL STABILIZATION	11,360	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
28,000	SF	TEMPORARY SHORING	45	CY	SUBDRAIN EXCAVATION
420	SY	REINFORCED SOIL SLOPES	200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
440	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	34	CY	SUBDRAIN COARSE AGGREGATE
1,360	SY	FOUNDATION CONDITIONING GEOTEXTILE	200	LF	6" PERFORATED SUBDRAIN PIPE
68	LF	*** SIDE DRAIN PIPE (42")	1	EA	SUBDRAIN PIPE OUTLET
488	LF	15" SIDE DRAIN PIPE	6	LF	6" OUTLET PIPE
244	LF	18" SIDE DRAIN PIPE	1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
16	EA	*** SIDE DRAIN PIPE ELBOWS (15")	68.1	CY	REINFORCED ENDWALLS
8	EA	*** SIDE DRAIN PIPE ELBOWS (18")	3.53	CY	PIPE COLLARS
296	LF	15" RC PIPE CULVERTS, CLASS III	15	CY	FLOWABLE FILL
116	LF	18" RC PIPE CULVERTS, CLASS III	47	EA	MASONRY DRAINAGE STRUCTURES
52	LF	24" RC PIPE CULVERTS, CLASS III	9.2	CY	MASONRY DRAINAGE STRUCTURES
20	LF	66" RC PIPE CULVERTS, CLASS III	36.7	LF	MASONRY DRAINAGE STRUCTURES
56	LF	***** RC PIPE CULVERTS, CLASS IV (60")	5	EA	FRAME WITH TWO GRATES, STD 840.20
60	LF	***** RC PIPE CULVERTS, CLASS IV (72")	3	EA	FRAME WITH TWO GRATES, STD 840.22
92	LF	***** RC PIPE CULVERTS, CLASS IV (84")	5	EA	FRAME WITH TWO GRATES, STD 840.24
1,288	LF	15" RC PIPE CULVERTS, CLASS IV	6	EA	FRAME WITH TWO GRATES, STD 840.29
416	LF	18" RC PIPE CULVERTS, CLASS IV	1	EA	FRAME WITH COVER, STD 840.54
324	LF	24" RC PIPE CULVERTS, CLASS IV	26	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
180	LF	** RC PIPE CULVERTS, CLASS V (15")	1,900	LF	SHOULDER BERM GUTTER
52	LF	15" CS PIPE CULVERTS, 0.064" THICK	500	SY	4" CONCRETE PAVED DITCH
2	EA	** CS PIPE ELBOWS, ***** THICK (15", 0.064")	135	SY	4" CONCRETE ISLAND COVER
132	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (120", 1.000")	1,200	LF	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE, 2'-7" MAX BIFURCATION)
28	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.250")	200	LF	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE, 2'-7" THRU 6'-0" MAX BIFURCATION)
132	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (120", 1.000")	1	EA	CONCRETE BARRIER TRANSITION SECTION
28	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.250")	800	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
1,079	LF	PIPE REMOVAL	1	EA	ADJUSTMENT OF DROP INLETS
Lump Sum	LS	FINE GRADING	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
100	CY	SHALLOW UNDERCUT	6,500	LF	STEEL BEAM GUARDRAIL
200	TON	CLASS IV SUBGRADE STABILIZATION	350	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
			10	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL END UNITS, TYPE AT-1

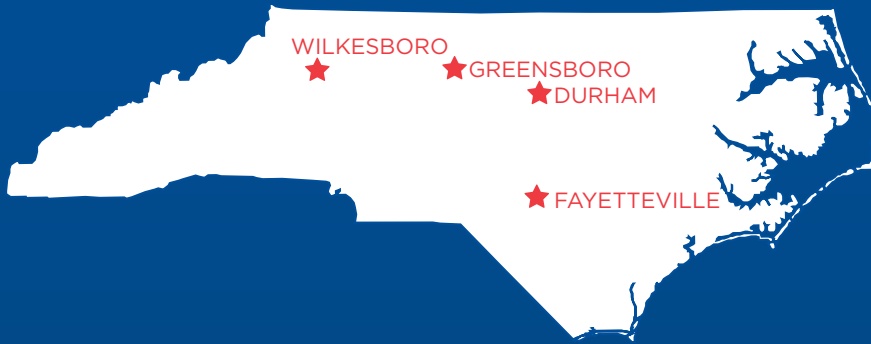


3	EA	GUARDRAIL END UNITS, TYPE CAT-1	100	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
8	EA	GUARDRAIL END UNITS, TYPE TL-3	1	EA	ELECTRIC SERVICE POLE ***** (30' CLASS 4)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	25	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
6,500	LF	REMOVE EXISTING GUARDRAIL	65	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
3,600	LF	WOVEN WIRE FENCE, 47" FABRIC	Lump Sum	LS	GENERIC LIGHTING ITEM CULVERT LIGHTING CONDUIT SYSTEM
200	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	100	LF	GENERIC LIGHTING ITEM 2 #10 W/G FEEDER CIRCUIT IN 1" PVC CONDUIT
90	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	60	LF	GENERIC LIGHTING ITEM 2 #10 W/G FEEDER CIRCUIT IN 1" RGS CONDUIT
650	TON	RIP RAP, CLASS I	8	EA	GENERIC LIGHTING ITEM CULVERT LIGHTING LUMINAIRE, 85W LED
190	TON	RIP RAP, CLASS II	1	EA	GENERIC LIGHTING ITEM LIGHTING CONTROL SYSTEM, TYPE RW, 120/240V
360	TON	RIP RAP, CLASS B	8	EA	GENERIC LIGHTING ITEM LUMINAIRE BRACKET
3,665	SY	GEOTEXTILE FOR DRAINAGE	1,250	LF	8" WATER LINE
2	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	2,600	LB	DUCTILE IRON WATER PIPE FITTINGS
2,060	LB	SUPPORTS, SIMPLE STEEL BEAM	1	EA	6" VALVE
300	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	10	EA	8" VALVE
73	LF	SUPPORTS, WOOD	2	EA	RELOCATE WATER METER
5	EA	SIGN ERECTION, TYPE D	1	EA	FIRE HYDRANT
13	EA	SIGN ERECTION, TYPE E	16	LF	FIRE HYDRANT LEG
2	EA	SIGN ERECTION, TYPE F	50	LF	WATER SERVICE LINE
5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	1,479	LF	8" SANITARY GRAVITY SEWER
3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	6	EA	4' DIA UTILITY MANHOLE
2	EA	SIGN ERECTION, MILEMARKERS	26	LF	UTILITY MANHOLE WALL 4' DIA
2	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (D)	2,344	LF	ABANDON 8" UTILITY PIPE
1	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (E)	2	EA	REMOVE WATER METER
1	EA	DISPOSAL OF SUPPORT, WOOD	1	EA	REMOVE FIRE HYDRANT
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	2	EA	ABANDON UTILITY MANHOLE
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	REMOVE UTILITY MANHOLE
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	498	LF	16" ENCASEMENT PIPE
1,150	SF	HIGH VISIBILITY STATIONARY SIGNS	498	LF	BORE AND JACK OF *** (16")
110	SF	WORK ZONE SIGNS (PORTABLE)	150	LF	DIRECTIONAL DRILLING OF *** (8")
210	SF	HIGH VISIBILITY PORTABLE SIGNS	13,100	LF	TEMPORARY SILT FENCE
350	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	750	TON	STONE FOR EROSION CONTROL, CLASS A
2	EA	FLASHING ARROW BOARD	3,350	TON	STONE FOR EROSION CONTROL, CLASS B
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	2,050	TON	SEDIMENT CONTROL STONE
3	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM	50	ACR	TEMPORARY MULCHING
200	EA	HIGH VISIBILITY DRUMS	2,100	LB	SEED FOR TEMPORARY SEEDING
18	EA	SEQUENTIAL FLASHING WARNING LIGHTS	11.5	TON	FERTILIZER FOR TEMPORARY SEEDING
208	LF	BARRICADES (TYPE III)	2,200	LF	TEMPORARY SLOPE DRAINS
20	DAY	FLAGGER	450	LF	SAFETY FENCE
3	EA	TEMPORARY CRASH CUSHIONS	10,400	CY	SILT EXCAVATION
3	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	87,000	SY	MATTING FOR EROSION CONTROL
2	EA	TMA	100	SY	COIR FIBER MAT
8,378	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	2,700	LF	1/4" HARDWARE CLOTH
7,449	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	200	SY	LOW PERMEABILITY GEOTEXTILE
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM DEPLOYMENT	350	LF	*** TEMPORARY PIPE (18")
1	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM	40	LF	*** TEMPORARY PIPE (30")
2	EA	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM RELOCATION	25	LF	*** TEMPORARY PIPE (60")
15	DAY	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM	5	EA	SPECIAL STILLING BASINS
450	EA	TEMPORARY RAISED PAVEMENT MARKERS	2,850	LB	FLOCCULANT
7,640	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	1,350	LF	COIR FIBER BAFFLE
14,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	3	EA	*** SKIMMER (1-1/2")
60	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	2	EA	*** SKIMMER (2")
14,480	LF	PAINT PAVEMENT MARKING LINES (4")	33	ACR	SEEDING & MULCHING
260	LF	PAINT PAVEMENT MARKING LINES (24")	20	ACR	MOWING
36,190	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"	550	LB	SEED FOR REPAIR SEEDING
			1.75	TON	FERTILIZER FOR REPAIR SEEDING
			800	LB	SEED FOR SUPPLEMENTAL SEEDING

24	TON	FERTILIZER TOPDRESSING
250	LF	IMPERVIOUS DIKE
35	MHR	SPECIALIZED HAND MOWING
11	MHR	MANUAL LITTER REMOVAL
1	TON	LITTER DISPOSAL
150	EA	RESPONSE FOR EROSION CONTROL
4	EA	CONCRETE WASHOUT STRUCTURE
220	CY	CULVERT DIVERSION CHANNEL
1	ACR	REFORESTATION
2,592	LF	TRACER WIRE
5,184	LF	DIRECTIONAL DRILL (***** (1, 2")
4	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
<b>CULVERT ITEMS</b>		
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (316+12.24 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (316+12.24 -L-)
Lump Sum	LS	GENERIC CULVERT ITEM CAST-IN-PLACE REINFORCED FOOTING FOR PRECAST CULVERT
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINFORCED CONCRETE THREE- SIDED CULVERT AT STA 316+12.24 -L-
<b>WALL ITEMS</b>		
2,750	SF	MSE RETAINING WALL NO **** (1)
9,005	SF	MSE RETAINING WALL NO **** (2)
970	SF	MSE RETAINING WALL NO **** (3)
1,190	SF	MSE RETAINING WALL NO **** (4)



# 2024 NCDOT TECHNICAL TRAINING SCHEDULE



## DURHAM

Durham Technical Community College  
The Chesterfield Building  
701 West Main Street  
Durham, N.C. 27701

## GREENSBORO

Guilford Technical Community College  
Continuing Education Center - W2 Building  
3501 East Wendover Avenue  
Greensboro, N.C. 27405

## FAYETTEVILLE

Fayetteville Tech Community College  
Neill Currie Building - Room 7A  
218 Hull Road  
Fayetteville, N.C. 28303

## WILKESBORO

Wilkes County Agricultural Center  
Ag Building Conference Rooms  
416 Executive Drive  
Wilkesboro, N.C. 28697

DATES	COURSE TOPICS	DURHAM	FAYETTEVILLE	GREENSBORO	WILKESBORO
April 2024	Clearing, Grubbing & Excavation	April 11	n/a	n/a	April 18
May 2024	Erosion Control	n/a	May 9	May 23	n/a
June 2024	Incidental Concrete	June 13	n/a	n/a	June 27
July 2024	Utility Installation & Adjustments	n/a	July 11	July 25	n/a
August 2024	Work Zone Traffic Control	Aug. 8	n/a	n/a	Aug. 22
September 2024	Pipe and Culvert Installation	n/a	Sept. 12	Sept. 26	n/a
October 2024	Clearing, Grubbing & Excavation	n/a	Oct. 10	Oct. 17	n/a

The 2024 NCDOT Technical Training Series is a pilot program that will offer various courses to small highway construction contractors interested in working on NCDOT projects. Each course will cover NCDOT Standard Specifications and Drawings, equipment requirements, bidding and estimating, project management, invoicing and payment, and more. Courses will be held in Durham, Fayetteville, Greensboro and Wilkesboro, and will be taught in-person by NCDOT engineers, prime contractors and other industry professionals. To register, please visit the website: [www.ncdot.gov/highwaystechtraining](http://www.ncdot.gov/highwaystechtraining). For questions, please email: [ccu@ncdot.gov](mailto:ccu@ncdot.gov) or call: 984-810-9276.

