

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

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





STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
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.

For additional assistance with general bidding related questions please email 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 if you have any problems registering.



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IMPORTANT NOTICE

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,

Ronald L. Keeter, Jr, 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

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601



2023 NCDOT TECHNICAL TRAINING SCHEDULE



RALEIGH

Wake Technical Community College
Western Wake Campus
3434 Kildaire Farm Road
Cary, N.C. 27518

CHARLOTTE

Central Piedmont Community College
Central Campus
1201 Elizabeth Ave.
Charlotte, N.C. 28204

ASHEVILLE

Asheville-Buncombe Technical Community College
Enka Campus
1465 Sand Hill Road
Candler, N.C. 28715

GREENVILLE

Pitt Community College
Greenville Center
3107 S. Memorial Drive
Greenville, N.C. 27834

MONTH	COURSE TOPICS	RALEIGH	CHARLOTTE	ASHEVILLE	GREENVILLE
March	Erosion Control	March 9	March 16	March 23	March 30
April	Incidental Concrete	April 6	April 13	April 20	n/a
May	Concrete Barrier Bridge Rail	May 4	May 11	May 18	n/a
June	Pavement Markings	June 1	June 8	n/a	June 15
July	Pipe Installation	July 13	July 20	n/a	July 27
August	Guardrail Installation	Aug. 3	Aug. 17	Aug. 24	Aug. 31
September	Work Zone Traffic Control	Sept. 7	Sept. 14	Sept. 21	Sept. 28
October	Water/Sewer & Manhole Adjustments	Oct. 5	Oct. 12	n/a	n/a
November	Utility Installation & Removal	Nov. 2	Nov. 9	n/a	n/a

The 2023 N.C. Department of Transportation 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 Raleigh, Charlotte, Asheville and Greenville 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. For questions, please email: ccu@ncdot.gov or call: **984-810-9276**.



**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 DECEMBER 19, 2023. 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.

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.

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 NOVEMBER 21, 2023.
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.

DIV NO.	DIVISION ENGINEER	TOWN	TELEPHONE
001	C. Win Bridgers, Jr., PE	EDENTON	(252) 482-1850
002	Jeffrey Cabaniss, 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	Nathaniel Mills	FAYETTEVILLE	(910) 364-0600
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: L231219

RPN Contract Id	WBS	County	Length	Job Type
001	C204767 47747.3.1	DUPLIN	0.451 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C204831 67046.3.1	SAMPSON	0.133 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C204909 2024CPT.05.07.10921.1, ETC.	WAKE	8.833 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
004	C204845 49987.3.1, ETC.	ROBESON, COLUMBUS	12.648 MI	DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.
005	C204842 44381.3.1	UNION	0.587 MI	DRAINAGE, GRADING, PAVING, SIGNALS, AND STRUCTURE.
006	C204431 46425.3.1, ETC.	MECKLENBURG	0.977 MI	GRADING, DRAINAGE, PAVING, AND WALL.
007	C204684 38332.3.1, ETC.	HAYWOOD	0.641 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
008	C204887 47427.3.1	CHEROKEE	3.773 MI	GRADING, DRAINAGE, PAVING, SIGNALS, CULVERTS AND WALLS.
009	C204823 50230.3.1	HAYWOOD	1.193 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

*NOTE: C204431 MECKLENBURG U-5873/U-5907 HAS A MANDATORY PRE-BID CONFERENCE ON DECEMBER 5, 2023 AT 10:00 A.M. AT NCDOT DIVISION 10 OFFICE 716 WEST MAIN STREET ALBEMARLE, NC 28001 OR THERE IS A VIRTUAL OPTION (INFORMATION WITHIN C204431). CONTACT: DONALD GRIFFITH AT 704-983-4418 OR STUART BASHAM AT 704-983-4457.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219

001

CONTRACT ID: C204767

47747.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.451 MI

COUNTY : DUPLIN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.00% COMPLETION DATE : NOV 11, 2026

BRIDGE #16 AND #17 OVER CSX RAILROAD ON US-117.

ROADWAY ITEMS					
			1,875	LF	STEEL BEAM GUARDRAIL
Lump Sum	LS	MOBILIZATION	5	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	GUARDRAIL END UNITS, TYPE CAT-1
3,700	CY	UNDERCUT EXCAVATION	3	EA	GUARDRAIL END UNITS, TYPE TL-3
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
Lump Sum	LS	GRADING	2,325	LF	REMOVE EXISTING GUARDRAIL
46,800	CY	BORROW EXCAVATION	32	TON	RIP RAP, CLASS B
550	CY	DRAINAGE DITCH EXCAVATION	1,681	SY	GEOTEXTILE FOR DRAINAGE
3,550	CY	SELECT GRANULAR MATERIAL	134	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3,650	SY	GEOTEXTILE FOR SOIL STABILIZATION	2	EA	SIGN ERECTION, TYPE D
3,164	SF	TEMPORARY SHORING	4	EA	SIGN ERECTION, TYPE E
8,250	SY	REINFORCED SOIL SLOPES	6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
Lump Sum	LS	GENERIC GRADING ITEM	537	SF	WORK ZONE SIGNS (STATIONARY)
		TYPE 1 BRIDGE APPROACH FILL, STATION	96	SF	WORK ZONE SIGNS (PORTABLE)
		23+56.64 -L-	69	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
290	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1	EA	FLASHING ARROW BOARD
900	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
120	LF	15" DRAINAGE PIPE	4	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
6	EA	*** DRAINAGE PIPE ELBOWS (15")	150	EA	DRUMS
52	LF	*** RC PIPE CULVERTS, CLASS ***** (18", CLASS V)	75	EA	CONES
896	LF	15" RC PIPE CULVERTS, CLASS III	132	LF	BARRICADES (TYPE III)
28	LF	18" RC PIPE CULVERTS, CLASS III	60	DAY	FLAGGER
52	LF	24" RC PIPE CULVERTS, CLASS III	1	EA	TMA
220	LF	30" RC PIPE CULVERTS, CLASS III	10,911	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
316	LF	15" RC PIPE CULVERTS, CLASS IV	941	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
60	LF	18" RC PIPE CULVERTS, CLASS IV	2	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,409	LF	PIPE REMOVAL	824	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
3,530	SY	GENERIC GRADING ITEM	60	LF	PAINT PAVEMENT MARKING LINES (24")
		GEOTEXTILE FOR SUBGRADE STABILIZATION	1	EA	PAINT PAVEMENT MARKING SYMBOL
5.8	CY	#57 STONE	4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
540	CY	SHALLOW UNDERCUT	22	EA	PERMANENT RAISED PAVEMENT MARKERS
2,365	TON	CLASS IV SUBGRADE STABILIZATION	90	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
17	TON	AGGREGATE BASE COURSE	910	LF	8" WATER LINE
450	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	420	LB	DUCTILE IRON WATER PIPE FITTINGS
1,353	SY	INCIDENTAL MILLING	1	EA	RELOCATE WATER METER
2,380	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	13	LF	WATER SERVICE LINE
1,700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	852	LF	ABANDON 8" UTILITY PIPE
1,960	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	25	LF	16" ENCASEMENT PIPE
325	TON	ASPHALT BINDER FOR PLANT MIX	2,300	LF	TEMPORARY SILT FENCE
33.6	CY	SUBDRAIN EXCAVATION	480	TON	STONE FOR EROSION CONTROL, CLASS A
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	530	TON	STONE FOR EROSION CONTROL, CLASS B
33.6	CY	SUBDRAIN COARSE AGGREGATE	430	TON	SEDIMENT CONTROL STONE
200	LF	6" PERFORATED SUBDRAIN PIPE	9.2	ACR	TEMPORARY MULCHING
1	EA	SUBDRAIN PIPE OUTLET	600	LB	SEED FOR TEMPORARY SEEDING
6	LF	6" OUTLET PIPE	4	TON	FERTILIZER FOR TEMPORARY SEEDING
0.447	CY	PIPE COLLARS	850	LF	TEMPORARY SLOPE DRAINS
3	CY	FLOWABLE FILL	360	LF	SAFETY FENCE
15	EA	MASONRY DRAINAGE STRUCTURES	2,200	CY	SILT EXCAVATION
4.2	LF	MASONRY DRAINAGE STRUCTURES	25,570	SY	MATTING FOR EROSION CONTROL
7	EA	FRAME WITH TWO GRATES, STD 840.24	10	SY	COIR FIBER MAT
7	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
760	LF	SHOULDER BERM GUTTER			

270	LF	1/4" HARDWARE CLOTH	696.9	SY	GENERIC STRUCTURE ITEM
125	SY	LOW PERMEABILITY GEOTEXTILE			PLACING & FINISHING POLYMER CONCRETE OVERLAY
1	EA	SPECIAL STILLING BASINS	696.9	SY	GENERIC STRUCTURE ITEM
1,070	LF	COIR FIBER WATTLE			SCARIFYING BRIDGE DECK
540	LF	COIR FIBER WATTLE BARRIER	696.9	SY	GENERIC STRUCTURE ITEM
285	LB	POLYACRYLAMIDE (PAM)			SHOTBLASTING BRIDGE DECK
285	LF	COIR FIBER BAFFLE	32	EA	GENERIC STRUCTURE ITEM
1	EA	*** SKIMMER (2")			TYPE I BRIDGE JACKING BRIDGE NO 300017
9.2	ACR	SEEDING & MULCHING			***** BEGIN SCHEDULE AA*****
4.6	ACR	MOWING			***** (2 ALTERNATES) *****
100	LB	SEED FOR REPAIR SEEDING	41.7	CY	GENERIC STRUCTURE ITEM
0.25	TON	FERTILIZER FOR REPAIR SEEDING			POLYESTER POLYMER CONCRETE MATERIALS
275	LB	SEED FOR SUPPLEMENTAL SEEDING			*** OR ***
8.25	TON	FERTILIZER TOPDRESSING	41.7	CY	GENERIC STRUCTURE ITEM
10	MHR	SPECIALIZED HAND MOWING			EPOXY POLYMER CONCRETE MATERIALS
5	MHR	MANUAL LITTER REMOVAL			*** END SCHEDULE AA***
1	TON	LITTER DISPOSAL			
18	EA	RESPONSE FOR EROSION CONTROL			
4	EA	CONCRETE WASHOUT STRUCTURE			
		STRUCTURE ITEMS			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+56.64 -L-) *****			
Lump Sum	LS	ASBESTOS ASSESSMENT			
4	EA	PDA TESTING			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (23+56.64 -L-) *****			
9,807	SF	REINFORCED CONCRETE DECK SLAB			
14,377.7	SF	GROOVING BRIDGE FLOORS			
263.8	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+56.64 -L-) *****			
32,622	LB	REINFORCING STEEL (BRIDGE)			
1,063.43	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS			
Lump Sum	LS	POLLUTION CONTROL			
26	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)			
12	EA	PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 30 X 0.50)			
1,755	LF	HP 12 X 53 STEEL PILES			
1,080	LF	PP ** X **** GALVANIZED STEEL PILES (30 X 0.50)			
12	EA	PIPE PILE PLATES			
16	EA	PILE REDRIVES			
586.29	LF	CONCRETE BARRIER RAIL			
528	LF	*** CHAIN LINK FENCE (72")			
2,963	SY	4" SLOPE PROTECTION			
22.4	SY	CLASS II, SURFACE PREPARATION			
52	SY	GEOTEXTILE FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			
0.8	CF	CONCRETE REPAIRS			
240.7	CF	SHOTCRETE REPAIRS			
32	LF	EPOXY RESIN INJECTION			
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR ZONE PAINTING			
Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS			
Lump Sum	LS	GENERIC STRUCTURE ITEM ZONE PAINTING OF EXISTING STRUCTURE			
201	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION			
20.7	LF	GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT			
767	LB	GENERIC STRUCTURE ITEM BEAM REPAIR PLATING			
720	SF	GENERIC STRUCTURE ITEM EPOXY COATING			
22.4	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231219

002

CONTRACT ID: C204831 67046.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.133 MI

COUNTY : SAMPSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 2.00% COMPLETION DATE : APR 13, 2026

BRIDGE #810022 OVER BILLS SWAMP ON US-701.

ROADWAY ITEMS					
			1	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNIT TYPE AT-1
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	115	TON	RIP RAP, CLASS I
Lump Sum	LS	GRADING	3	TON	RIP RAP, CLASS B
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1,090	SY	GEOTEXTILE FOR DRAINAGE
300	CY	UNDERCUT EXCAVATION	116	SF	WORK ZONE SIGNS (STATIONARY)
90	CY	DRAINAGE DITCH EXCAVATION	96	SF	WORK ZONE SIGNS (PORTABLE)
300	CY	SELECT GRANULAR MATERIAL	56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,400	SY	GEOTEXTILE FOR SOIL STABILIZATION	60	EA	DRUMS
332	SY	ROCK PLATING	96	LF	BARRICADES (TYPE III)
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 24+30.00 -L-	60	DAY	FLAGGER
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	30	EA	TEMPORARY RAISED PAVEMENT MARKERS
80	SY	FOUNDATION CONDITIONING GEOTEXTILE	5,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
64	LF	15" DRAINAGE PIPE	9,200	LF	PAINT PAVEMENT MARKING LINES (4")
4	EA	*** DRAINAGE PIPE ELBOWS (15")	18	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
80	LF	*** RC PIPE CULVERTS, CLASS ***** (15", V)	3,330	LF	TEMPORARY SILT FENCE
72	LF	36" RC PIPE CULVERTS, CLASS III	225	TON	STONE FOR EROSION CONTROL, CLASS A
32	LF	PIPE REMOVAL	220	TON	STONE FOR EROSION CONTROL, CLASS B
1,204	TON	AGGREGATE BASE COURSE	185	TON	SEDIMENT CONTROL STONE
30	TON	INCIDENTAL STONE BASE	4.5	ACR	TEMPORARY MULCHING
1,030	GAL	PRIME COAT	300	LB	SEED FOR TEMPORARY SEEDING
280	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
300	SY	INCIDENTAL MILLING	330	LF	TEMPORARY SLOPE DRAINS
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1,760	LF	SAFETY FENCE
170	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	382	CY	SILT EXCAVATION
880	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	5,400	SY	MATTING FOR EROSION CONTROL
75	TON	ASPHALT BINDER FOR PLANT MIX	1,490	SY	COIR FIBER MAT
12	EA	RIGHT-OF-WAY MARKERS	160	LF	1/4" HARDWARE CLOTH
45	CY	SUBDRAIN EXCAVATION	175	SY	LOW PERMEABILITY GEOTEXTILE
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	25	SY	FLOATING TURBIDITY CURTAIN
34	CY	SUBDRAIN COARSE AGGREGATE	4	EA	SPECIAL STILLING BASINS
200	LF	6" PERFORATED SUBDRAIN PIPE	800	LF	COIR FIBER WATTLE
1	EA	SUBDRAIN PIPE OUTLET	45	LB	POLYACRYLAMIDE (PAM)
6	LF	6" OUTLET PIPE	130	LF	COIR FIBER BAFFLE
5	EA	MASONRY DRAINAGE STRUCTURES	1	EA	*** SKIMMER (1-1/2")
5	EA	FRAME WITH TWO GRATES, STD 840.29	4.5	ACR	SEEDING & MULCHING
328	LF	SHOULDER BERM GUTTER	2.25	ACR	MOWING
375	LF	STEEL BEAM GUARDRAIL	50	LB	SEED FOR REPAIR SEEDING
38	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	0.25	TON	FERTILIZER FOR REPAIR SEEDING
5	EA	ADDITIONAL GUARDRAIL POSTS	125	LB	SEED FOR SUPPLEMENTAL SEEDING
1	EA	GUARDRAIL END UNITS, TYPE AT-1	3.5	TON	FERTILIZER TOPDRESSING
3	EA	GUARDRAIL END UNITS, TYPE TL-3	10	MHR	SPECIALIZED HAND MOWING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	2	MHR	MANUAL LITTER REMOVAL
262.5	LF	TEMPORARY STEEL BEAM GUARDRAIL	1	TON	LITTER DISPOSAL
50	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)	18	EA	RESPONSE FOR EROSION CONTROL
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)	3	EA	CONCRETE WASHOUT STRUCTURE
3	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	1	ACR	REFORESTATION
					STRUCTURE ITEMS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (24+30.00 -L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+30.00 -L-)			

Lump Sum	LS	ASBESTOS ASSESSMENT
	3	EA PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+30.00 -L-)
	6,996	SF REINFORCED CONCRETE DECK SLAB
	7,708	SF GROOVING BRIDGE FLOORS
	82.4	CY CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+30.00 -L-)
	12,888	LB REINFORCING STEEL (BRIDGE)
	787.08	LF 36" PRESTRESSED CONCRETE GIRDERS
	12	EA PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
	12	EA PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 18 X 0.50)
	690	LF HP 12 X 53 STEEL PILES
	660	LF PP 18 X 0.50 GALVANIZED STEEL PILES
	12	EA PILE REDRIVES
	316.67	LF CONCRETE BARRIER RAIL
	525	TON RIP RAP CLASS II (2'-0" THICK)
	585	SY GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231219 003

CONTRACT ID : C204909 2024CPT.05.07.10921.1 DIV OFFICE DURHAM LENGTH = 8.833 MI
 COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.00% COMPLETION DATE : SEP 30, 2025

1 SECTION OF NC-55, AND 16 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS			
			558	LF	PAINT PAVEMENT MARKING LINES (8")
Lump Sum	LS	MOBILIZATION	247	LF	PAINT PAVEMENT MARKING LINES (12")
303	TON	INCIDENTAL STONE BASE	271	LF	PAINT PAVEMENT MARKING LINES (24")
9.98	SMI	SHOULDER RECONSTRUCTION	24	EA	PAINT PAVEMENT MARKING SYMBOL
923	TON	AGGREGATE SHOULDER BORROW	2,440	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
67,285	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	233	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
25,858	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2")	3,882	LF	INDUCTIVE LOOP SAWCUT
13,172	SY	INCIDENTAL MILLING			
11,473	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
3,611	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
1,008	TON	ASPHALT BINDER FOR PLANT MIX			
1,028	TON	PATCHING EXISTING PAVEMENT			
424	LF	2'-6" CONCRETE CURB & GUTTER			
195	SY	4" CONCRETE SIDEWALK			
8	EA	CONCRETE CURB RAMPS			
78	EA	REMOVE AND REPLACE CURB RAMPS			
57	SY	GENERIC PAVING ITEM REMOVE AND REPLACE SIDEWALK			
10	SY	GENERIC PAVING ITEM REMOVE ISLAND			
50	SY	GENERIC PAVING ITEM REMOVE SIDEWALK			
40	LF	GENERIC PAVING ITEM REMOVE CURB AND GUTTER			
2	EA	GENERIC PAVING ITEM REMOVE AND REPLACE GREENWAY CONNECTION			
27	EA	GENERIC PAVING ITEM REMOVE CURB RAMP			
17	EA	GENERIC PAVING ITEM RETROFIT CURB RAMP DETECTABLE WARNINGS			
1	EA	ADJUSTMENT OF MANHOLES			
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
65	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
15	EA	SIGN ERECTION, TYPE E			
1,109	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
180	LF	PEDESTRIAN CHANNELIZING DEVICES			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
160	HR	LAW ENFORCEMENT			
6	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES			
60	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)			
160,924	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
2,135	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
399	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
193	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)			
2,682	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			
30	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)			
141	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
2,440	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)			
8,356	LF	PAINT PAVEMENT MARKING LINES (4")			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219

004

CONTRACT ID : C204845

49987.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 12.648 MI

COUNTY : ROBESON, COLUMBUS

DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.

DBE GOAL 6.00% COMPLETION DATE : JUL 01, 2026

FUTURE I-74: US-74 FROM E OF NC-41 TO LUMBER RIVER BRIDGES AND US-74 FROM SCOTLAND CO LINE TO I-74/US-74 BUS.

ROADWAY ITEMS						
			8	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	
Lump Sum	LS	MOBILIZATION	1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	
Lump Sum	LS	CONSTRUCTION SURVEYING	8,440	LB	SUPPORTS, BREAKAWAY STEEL BEAM	
	35	CY BORROW EXCAVATION	420	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
	6,740	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	3	EA	SIGN ERECTION, TYPE D	
	21	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	10	EA	SIGN ERECTION, TYPE E	
	60	SY FOUNDATION CONDITIONING GEOTEXTILE	2	EA	SIGN ERECTION, TYPE F	
	64	LF 15" RC PIPE CULVERTS, CLASS III	10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	
	32	LF 18" RC PIPE CULVERTS, CLASS III	8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	
	32	LF 24" RC PIPE CULVERTS, CLASS III				
	32	LF 30" RC PIPE CULVERTS, CLASS III	11	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	
	8	LF 36" RC PIPE CULVERTS, CLASS III	5	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	
	4	LF 15" CS PIPE CULVERTS, 0.064" THICK	1,680	SF	WORK ZONE SIGNS (STATIONARY)	
	16	LF 18" CS PIPE CULVERTS, 0.064" THICK	576	SF	WORK ZONE SIGNS (PORTABLE)	
	1	EA PIPE CLEAN OUT	8	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS	
	350	TON INCIDENTAL STONE BASE	28	EA	WORK ZONE PRESENCE LIGHTING	
	17.35	SMI SHOULDER RECONSTRUCTION	26	EA	SEQUENTIAL FLASHING WARNING LIGHTS	
	35,595	TON AGGREGATE SHOULDER BORROW	150	EA	CONES	
	24,420	SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	12	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES	
	5,395	SY MILLING ASPHALT PAVEMENT, ***" DEPTH (2")	12	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL	
	104,815	SY MILLING ASPHALT PAVEMENT, ****" TO ***** (0-3/4" TO 1-1/2")	450	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE	
	250,175	SY MILLING ASPHALT PAVEMENT, ****" TO ***** (1" TO 2")	360,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	
	104,790	SY MILLING ASPHALT PAVEMENT, ****" TO ***** (1" TO 3")	7,350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	
	12,475	SY INCIDENTAL MILLING	16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	
	18,080	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	79	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
	54,400	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C	165	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)	
	4,030	TON ASPHALT BINDER FOR PLANT MIX	368,570	LF	PAINT PAVEMENT MARKING LINES (6")	
	261,950	LF MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	7,350	LF	PAINT PAVEMENT MARKING LINES (12")	
	43.4	CY PIPE COLLARS	165	LF	PAINT PAVEMENT MARKING LINES (24")	
	16	EA MASONRY DRAINAGE STRUCTURES	16	EA	PAINT PAVEMENT MARKING CHARACTER	
	2.6	LF MASONRY DRAINAGE STRUCTURES	79	EA	PAINT PAVEMENT MARKING SYMBOL	
	18	EA FRAME WITH TWO GRATES, STD 840.22	8,020	LF	POLYUREA PAVEMENT MARKING LINES, **", ** MILS (STANDARD GLASS BEADS) (6", 30 MILS)	
	19	EA GENERIC DRAINAGE ITEM CONCRETE APRON FOR DROP INLET	2,031	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	
	13.7	SY 4" CONCRETE PAVED DITCH	600	LF	TEMPORARY SILT FENCE	
	1	EA ADJUSTMENT OF DROP INLETS	200	TON	SEDIMENT CONTROL STONE	
	2	EA IMPACT ATTENUATOR UNITS, TYPE TL-3	450	LF	SAFETY FENCE	
	32,950	LF STEEL BEAM GUARDRAIL	1,700	LF	1/4" HARDWARE CLOTH	
	200	LF STEEL BEAM GUARDRAIL, SHOP CURVED	1,600	LF	WATTLE	
	40	EA ADDITIONAL GUARDRAIL POSTS	4	ACR	SEEDING & MULCHING	
	1	EA GUARDRAIL END UNITS, TYPE AT-1	10	EA	RESPONSE FOR EROSION CONTROL	
	16	EA GUARDRAIL END UNITS, TYPE CAT-1	14	EA	CONCRETE WASHOUT STRUCTURE	
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III				
	40	EA GUARDRAIL END UNITS, TYPE TL-3				
	52	EA GUARDRAIL ANCHOR UNITS, TYPE B-77	4	CF	SHOTCRETE REPAIRS	
	35,859	LF REMOVE EXISTING GUARDRAIL	24.6	LF	EPOXY RESIN INJECTION	
	2,690	LF WOVEN WIRE FENCE, 47" FABRIC	Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER	
	152	EA 4" TIMBER FENCE POSTS, 7'-6" LONG	379	LF	GENERIC STRUCTURE ITEM ASPHALT PLUG JOINT FOR PRESERVATION	
	74	EA 5" TIMBER FENCE POSTS, 8'-0" LONG				

1,546.7	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
208.8	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
7.4	CF	GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CONCRETE CORED SLABS
1,011.5	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
18,955.9	SF	GENERIC STRUCTURE ITEM SILANE BARRIER RAIL TREATMENT
10,566.5	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR CONCRETE BARRIER RAIL
8,389.4	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR SILANE BARRIER RAIL TREATMENT
13,359.7	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
13,359.7	SY	GENERIC STRUCTURE ITEM SILANE DECK TREATMENT
12	EA	GENERIC STRUCTURE ITEM POST TENSIONING STRAND REPLACEMENT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231219

005

CONTRACT ID : C204842

44381.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.587 MI

COUNTY : UNION

DRAINAGE, GRADING, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 5.00% COMPLETION DATE : FEB 11, 2027

SR-1362 (CHESTNUT LANE CONNECTOR) FROM SR-1367 (MATTHEWS INDIAN TRAIL ROAD) TO SR-1368 (GRIBBLE ROAD).

		ROADWAY ITEMS			
			8	EA	FRAME WITH TWO GRATES, STD 840.29
Lump Sum	LS	MOBILIZATION	8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	CONSTRUCTION SURVEYING			(E)
1	EA	SEALING ABANDONED WELLS	21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			(F)
1,450	CY	UNDERCUT EXCAVATION	15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	GRADING			(G)
190,000	CY	BORROW EXCAVATION	2	EA	FRAME WITH COVER, STD 840.54
700	CY	DRAINAGE DITCH EXCAVATION	10	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
1,700	CY	SELECT GRANULAR MATERIAL	15	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
3,600	SY	GEOTEXTILE FOR SOIL STABILIZATION	290	LF	*** X *** CONCRETE CURB (9" X 12")
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 55+00.96 -L2-	4,280	LF	1'-6" CONCRETE CURB & GUTTER
480	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	5,730	LF	2'-6" CONCRETE CURB & GUTTER
1,500	SY	FOUNDATION CONDITIONING GEOTEXTILE	1,110	LF	SHOULDER BERM GUTTER
568	LF	15" DRAINAGE PIPE	1	EA	MODIFIED CONCRETE FLUME
32	LF	18" DRAINAGE PIPE	50	LF	CONCRETE EXPRESSWAY GUTTER
8	EA	*** DRAINAGE PIPE ELBOWS (15")	2,450	SY	4" CONCRETE SIDEWALK
408	LF	*** RC PIPE CULVERTS, CLASS ***** (18", V)	18	EA	CONCRETE CURB RAMPS
144	LF	***** RC PIPE CULVERTS, CLASS IV (72")	1,570	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
2,892	LF	15" RC PIPE CULVERTS, CLASS IV	280	SY	GENERIC PAVING ITEM 6" JOINTED CONCRETE PAVEMENT
204	LF	24" RC PIPE CULVERTS, CLASS IV	375	SY	GENERIC PAVING ITEM 7" JOINTED CONCRETE TRUCK APRON
224	LF	36" RC PIPE CULVERTS, CLASS IV	50	LF	GENERIC PAVING ITEM 1'-6" CONCRETE CURB AND GUTTER (SPECIAL)
537	LF	PIPE REMOVAL	5	EA	ADJUSTMENT OF MANHOLES
850	CY	SHALLOW UNDERCUT	2,125	LF	STEEL BEAM GUARDRAIL
1,650	TON	CLASS IV SUBGRADE STABILIZATION	5	EA	ADDITIONAL GUARDRAIL POSTS
150	TON	INCIDENTAL STONE BASE	2	EA	GUARDRAIL END UNITS, TYPE CAT-1
4,100	SY	INCIDENTAL MILLING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
7,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	2	EA	GUARDRAIL END UNITS, TYPE TL-3
4,800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	80	TON	RIP RAP, CLASS I
3,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	25	TON	RIP RAP, CLASS B
780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,865	SY	GEOTEXTILE FOR DRAINAGE
840	TON	ASPHALT BINDER FOR PLANT MIX	3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
230	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	800	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	CONTROL-OF-ACCESS MARKERS	60	EA	SIGN ERECTION, TYPE E
44.8	CY	SUBDRAIN EXCAVATION	6	EA	SIGN ERECTION, TYPE F
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	1	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED)
33.6	CY	SUBDRAIN COARSE AGGREGATE			(D)
200	LF	6" PERFORATED SUBDRAIN PIPE	11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	SUBDRAIN PIPE OUTLET	1	EA	DISPOSAL OF SIGN, D, E OR F
6	LF	6" OUTLET PIPE	324	SF	WORK ZONE SIGNS (STATIONARY)
3.4	CY	ENDWALLS	384	SF	WORK ZONE SIGNS (PORTABLE)
7.5	CY	REINFORCED ENDWALLS	80	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,504	CY	PIPE COLLARS	2	EA	FLASHING ARROW BOARD
71	EA	MASONRY DRAINAGE STRUCTURES	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
11.8	CY	MASONRY DRAINAGE STRUCTURES	310	EA	DRUMS
8.8	LF	MASONRY DRAINAGE STRUCTURES	240	LF	BARRICADES (TYPE III)
13	EA	FRAME WITH TWO GRATES, STD 840.16	190	DAY	FLAGGER
2	EA	FRAME WITH TWO GRATES, STD 840.20	65	EA	TEMPORARY RAISED PAVEMENT MARKERS
2	EA	FRAME WITH TWO GRATES, STD 840.22	10,015	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1	EA	FRAME WITH TWO GRATES, STD 840.24			

1,789	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	20	LF	IMPERVIOUS DIKE
2,041	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	10	MHR	SPECIALIZED HAND MOWING
416	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	75	EA	RESPONSE FOR EROSION CONTROL
1,574	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	10	EA	CONCRETE WASHOUT STRUCTURE
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	26	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE SERVICE
78	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	78	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE SERVICE CLEANOUT
1,030	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
3,101	LF	PAINT PAVEMENT MARKING LINES (4")	4,710	LF	SIGNAL CABLE
32	LF	PAINT PAVEMENT MARKING LINES (24")	16	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
2	EA	PAINT PAVEMENT MARKING SYMBOL	8	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
80	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	2,705	LF	TRACER WIRE
329	EA	PERMANENT RAISED PAVEMENT MARKERS	1,860	LF	UNPAVED TRENCHING (***** (1, 2"))
172	LF	6" WATER LINE	2,470	LF	UNPAVED TRENCHING (***** (2, 2"))
2,705	LF	8" WATER LINE	165	LF	UNPAVED TRENCHING (***** (3, 2"))
472	LF	12" WATER LINE	30	LF	UNPAVED TRENCHING (***** (4, 2"))
5,485	LB	DUCTILE IRON WATER PIPE FITTINGS	690	LF	DIRECTIONAL DRILL (***** (2, 2"))
2	EA	** VALVE (3/4")	80	LF	DIRECTIONAL DRILL (***** (3, 2"))
1	EA	6" VALVE	17	EA	JUNCTION BOX (STANDARD SIZE)
5	EA	8" VALVE	23	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
2	EA	12" VALVE	3	EA	2" RISER WITH HEAT SHRINK TUBING
1	EA	8" BLOW OFF	2,380	LF	INDUCTIVE LOOP SAWCUT
2	EA	RELOCATE WATER METER	7,207	LF	LEAD-IN CABLE (***** (14-2))
123	LF	WATER SERVICE LINE	3,870	LF	COMMUNICATIONS CABLE (** FIBER) (24)
131	LF	ABANDON 6" UTILITY PIPE	1,020	LF	DROP CABLE
835	LF	ABANDON 8" UTILITY PIPE	3	EA	SPLICE ENCLOSURE
1	EA	REMOVE WATER METER	1	EA	MODIFY SPLICE ENCLOSURE
467	LF	18" ENCASEMENT PIPE	5	EA	INTERCONNECT CENTER
124	LF	24" ENCASEMENT PIPE	11	EA	DELINEATOR MARKER
200	LF	BORE AND JACK OF ** (18")	7	EA	METAL POLE WITH SINGLE MAST ARM
10,290	LF	TEMPORARY SILT FENCE	7	EA	SOIL TEST
595	TON	STONE FOR EROSION CONTROL, CLASS A	70	CY	DRILLED PIER FOUNDATION
1,690	TON	STONE FOR EROSION CONTROL, CLASS B	7	EA	MAST ARM WITH METAL POLE DESIGN
1,905	TON	SEDIMENT CONTROL STONE	15	EA	SIGN FOR SIGNALS
21.5	ACR	TEMPORARY MULCHING	8	EA	TYPE II PEDESTAL WITH FOUNDATION
1,200	LB	SEED FOR TEMPORARY SEEDING	3	EA	TYPE III PEDESTAL WITH FOUNDATION
7	TON	FERTILIZER FOR TEMPORARY SEEDING	4	EA	SIGNAL CABINET FOUNDATION
915	LF	TEMPORARY SLOPE DRAINS	4	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070LX W/ QFREE MAXTIME, BASE MOUNTED))
1,000	LF	SAFETY FENCE	19	EA	DETECTOR CARD (TYPE 170)
6,420	CY	SILT EXCAVATION	4	EA	CABINET BASE EXTENDER
42,505	SY	MATTING FOR EROSION CONTROL	5	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
100	SY	COIR FIBER MAT	11	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL (BLACK)
160	SY	PERMANENT SOIL REINFORCEMENT MAT	7	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)
6,050	LF	1/4" HARDWARE CLOTH	830	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE
25	LF	TEMPORARY PIPE FOR STREAM CROSSING			STRUCTURE ITEMS
2	EA	SPECIAL STILLING BASINS	178	LF	**_*" DIA DRILLED PIERS (5'-0")
230	LF	COIR FIBER WATTLE	2	EA	SID INSPECTIONS
1,534	LF	WATTLE BARRIER	8	EA	SPT TESTING
170	LB	POLYACRYLAMIDE (PAM)	2	EA	CSL TESTING
1,145	LF	COIR FIBER BAFFLE	17,273	SF	REINFORCED CONCRETE DECK SLAB
2	EA	** SKIMMER (1-1/2")	15,342	SF	GROOVING BRIDGE FLOORS
2	EA	** SKIMMER (2")	312.4	CY	CLASS A CONCRETE (BRIDGE)
1	EA	** SKIMMER (2-1/2")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (55+00.96 -L2-)
27	ACR	SEEDING & MULCHING			
21	ACR	MOWING			
250	LB	SEED FOR REPAIR SEEDING			
1	TON	FERTILIZER FOR REPAIR SEEDING			
600	LB	SEED FOR SUPPLEMENTAL SEEDING			
18	TON	FERTILIZER TOPDRESSING			

82,262	LB	REINFORCING STEEL (BRIDGE)
10,914	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,684.42	LF	54" PRESTRESSED CONCRETE GIRDERS
26	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
1,400	LF	HP 12 X 53 STEEL PILES
470.8	LF	TWO BAR METAL RAIL
501.4	LF	1'-**" X ***** CONCRETE PARAPET (1'-2" X 2'-6")
482	LF	*** CHAIN LINK FENCE (72")
1,811	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219

006

CONTRACT ID : C204431 46425.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.977 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, AND WALL.

DBE GOAL 6.00% COMPLETION DATE : FEB 28, 2027

ROUNDBABOUTS AT NC-115/DAVIDSON ST/POTTS ST AND AT SR-6038/GRIFFITH ST/BEATY ST AND NEW LOCATION FROM SR-6037 TO SR-6038.

ROADWAY ITEMS								
			4	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
Lump Sum	LS	MOBILIZATION	13.9	CY	ENDWALLS			
Lump Sum	LS	CONSTRUCTION SURVEYING	26	CY	FLOWABLE FILL			
880	LF	GENERIC MISCELLANEOUS ITEM	63	EA	MASONRY DRAINAGE STRUCTURES			
		2" PVC SCH 40 CONDUIT						
Lump Sum	LS	GRADING	84.4	LF	MASONRY DRAINAGE STRUCTURES			
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	3	EA	FRAME WITH GRATE, STD 840.24			
4,850	CY	UNDERCUT EXCAVATION	2	EA	FRAME WITH TWO GRATES, STD 840.16			
180	CY	DRAINAGE DITCH EXCAVATION	1	EA	FRAME WITH TWO GRATES, STD 840.24			
20	HR	PROOF ROLLING	4	EA	FRAME WITH TWO GRATES, STD 840.29			
400	CY	SELECT GRANULAR MATERIAL	10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **			
400	SY	GEOTEXTILE FOR SOIL STABILIZATION			(E)			
4,400	CY	GENERIC GRADING ITEM BORROW MATERIAL ASBESTOS AREAS	21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **			
8,000	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF ASBESTOS CONTAINING SOIL	17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **			
					(G)			
440	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3	EA	FRAME WITH COVER, STD 840.54			
1,360	SY	FOUNDATION CONDITIONING GEOTEXTILE	250	LF	*** X *** CONCRETE CURB (12" X 6")			
220	LF	15" DRAINAGE PIPE	190	LF	*** X *** CONCRETE CURB (8" X 12")			
492	LF	24" DRAINAGE PIPE	380	LF	*** X *** CONCRETE CURB (8" X 18")			
24	LF	36" DRAINAGE PIPE	160	LF	*** ** CONCRETE CURB & GUTTER (2'-0")			
128	LF	42" DRAINAGE PIPE	90	LF	1'-6" CONCRETE CURB & GUTTER			
328	LF	***** RC PIPE CULVERTS, CLASS IV (48")	8,410	LF	2'-6" CONCRETE CURB & GUTTER			
1,040	LF	15" RC PIPE CULVERTS, CLASS IV	5,090	SY	4" CONCRETE SIDEWALK			
912	LF	18" RC PIPE CULVERTS, CLASS IV	40	EA	CONCRETE CURB RAMPS			
484	LF	24" RC PIPE CULVERTS, CLASS IV	570	SY	6" CONCRETE DRIVEWAY			
44	LF	30" RC PIPE CULVERTS, CLASS IV	840	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
340	LF	36" RC PIPE CULVERTS, CLASS IV	40	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
36	LF	42" RC PIPE CULVERTS, CLASS IV	360	SY	GENERIC PAVING ITEM 12" TRUCK MOUNTABLE CONCRETE ISLAND CLASS AA CONCRETE			
912	LF	PIPE REMOVAL	45	SY	GENERIC PAVING ITEM 12" TRUCK MOUNTABLE CONCRETE ISLAND CLASS AA CONCRETE (BLACK TINT)			
750	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION	160	SY	GENERIC PAVING ITEM 6" REINFORCED CONCRETE SIDEWALK			
250	CY	SHALLOW UNDERCUT	720	LF	GENERIC PAVING ITEM 1'-6" CONCRETE CURB AND GUTTER CLASS AA CONCRETE			
550	TON	CLASS IV SUBGRADE STABILIZATION	1	EA	ADJUSTMENT OF MANHOLES			
500	TON	INCIDENTAL STONE BASE	5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
4,570	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	750	LF	STEEL BEAM GUARDRAIL			
690	SY	INCIDENTAL MILLING	10	EA	ADDITIONAL GUARDRAIL POSTS			
3,990	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	8	EA	GUARDRAIL END UNITS, TYPE TL-2			
3,580	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
1,130	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	942	LF	GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL			
1,840	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	65	TON	RIP RAP, CLASS I			
545	TON	ASPHALT BINDER FOR PLANT MIX	105	TON	RIP RAP, CLASS B			
146	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,990	SY	GEOTEXTILE FOR DRAINAGE			
464	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (12")	3	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)			
101	EA	RIGHT-OF-WAY MARKERS	523	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
164	CY	SUBDRAIN EXCAVATION	148	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)			
736	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	1,984	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
124	CY	SUBDRAIN COARSE AGGREGATE	1	EA	SIGN ERECTION, TYPE D			
736	LF	6" PERFORATED SUBDRAIN PIPE						
2	EA	SUBDRAIN PIPE OUTLET						
12	LF	6" OUTLET PIPE						

91	EA	SIGN ERECTION, TYPE E	42	LF	BORE AND JACK OF *** (24")
14	EA	SIGN ERECTION, TYPE F	10,010	LF	TEMPORARY SILT FENCE
14	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)	490	TON	STONE FOR EROSION CONTROL, CLASS A
22	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	910	TON	STONE FOR EROSION CONTROL, CLASS B
4	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (F)	2,180	TON	SEDIMENT CONTROL STONE
16	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	14.5	ACR	TEMPORARY MULCHING
56	EA	DISPOSAL OF SUPPORT, U-CHANNEL	1,000	LB	SEED FOR TEMPORARY SEEDING
6	EA	GENERIC SIGNING ITEM SIGN ERECTION RELOCATE ORNAMENTAL SIGN & POST	6	TON	FERTILIZER FOR TEMPORARY SEEDING
1,413	SF	WORK ZONE SIGNS (PORTABLE)	525	LF	TEMPORARY SLOPE DRAINS
527	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,250	LF	SAFETY FENCE
140	EA	DRUMS	400	CY	SILT EXCAVATION
560	LF	BARRICADES (TYPE III)	18,925	SY	MATTING FOR EROSION CONTROL
200	EA	SKINNY DRUM	110	SY	COIR FIBER MAT
12,080	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	750	SY	PERMANENT SOIL REINFORCEMENT MAT
1,530	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	2,085	LF	1/4" HARDWARE CLOTH
1,175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	80	LF	*** TEMPORARY PIPE (24")
156	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	24	LF	*** TEMPORARY PIPE (36")
9,500	LF	PAINT PAVEMENT MARKING LINES (4")	25	LF	TEMPORARY PIPE FOR STREAM CROSSING
860	LF	PAINT PAVEMENT MARKING LINES (8")	6	EA	SPECIAL STILLING BASINS
480	LF	PAINT PAVEMENT MARKING LINES (12")	80	LB	POLYACRYLAMIDE (PAM)
216	LF	PAINT PAVEMENT MARKING LINES (24")	345	LF	COIR FIBER BAFFLE
1	EA	PAINT PAVEMENT MARKING CHARACTER	1	EA	*** SKIMMER (1-1/2")
23	EA	PAINT PAVEMENT MARKING SYMBOL	18	ACR	SEEDING & MULCHING
137	LF	2" WATER LINE	12	ACR	MOWING
1,386	LF	6" WATER LINE	200	LB	SEED FOR REPAIR SEEDING
2,561	LF	8" WATER LINE	1.25	TON	FERTILIZER FOR REPAIR SEEDING
1,171	LF	12" WATER LINE	375	LB	SEED FOR SUPPLEMENTAL SEEDING
18,816	LB	DUCTILE IRON WATER PIPE FITTINGS	10.75	TON	FERTILIZER TOPDRESSING
18	EA	6" VALVE	8	LF	IMPERVIOUS DIKE
14	EA	8" VALVE	20	MHR	SPECIALIZED HAND MOWING
6	EA	12" VALVE	2	MHR	MANUAL LITTER REMOVAL
18	EA	RELOCATE WATER METER	1	TON	LITTER DISPOSAL
15	EA	RECONNECT WATER METER	50	EA	RESPONSE FOR EROSION CONTROL
9	EA	FIRE HYDRANT	9	EA	CONCRETE WASHOUT STRUCTURE
2	EA	RELOCATE FIRE HYDRANT	63	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
172	LF	FIRE HYDRANT LEG	63	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
5	EA	6" LINE STOP	23	EA	GENERIC EROSION CONTROL ITEM TEMPORARY TREE PROTECTION
6	EA	8" LINE STOP	8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
4	EA	12" LINE STOP	3,855	LF	SIGNAL CABLE
2,039	LF	8" SANITARY GRAVITY SEWER	25	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
199	LF	10" SANITARY GRAVITY SEWER	2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
2	EA	SANITARY SEWER CLEAN-OUT	1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
43	LF	SEWER SERVICE LINE	8	EA	APS DETECTOR STATION
25	EA	4' DIA UTILITY MANHOLE	2	EA	CENTRAL CONTROL UNIT APS DETECTOR STATION
1,713	LF	ABANDON *** UTILITY PIPE (2")	718	LF	MESSENGER CABLE (3/8")
384	LF	ABANDON 6" UTILITY PIPE	110	LF	UNPAVED TRENCHING (***** (2, 2")
2,930	LF	ABANDON 8" UTILITY PIPE	220	LF	DIRECTIONAL DRILL (***** (2, 2")
1,014	LF	ABANDON 12" UTILITY PIPE	2	EA	JUNCTION BOX (STANDARD SIZE)
3	EA	REMOVE FIRE HYDRANT	4	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
11	EA	ABANDON UTILITY MANHOLE	4	EA	WOOD POLE
1	EA	REMOVE UTILITY MANHOLE	10	EA	GUY ASSEMBLY
60	LF	12" ENCASEMENT PIPE	710	LF	LEAD-IN CABLE (***** (14-2)
30	LF	16" ENCASEMENT PIPE	3	EA	SITE SURVEY
460	LF	18" ENCASEMENT PIPE	4	EA	CAMERA WITH INTERNAL LOOP EMULATOR PROCESSING UNIT
102	LF	24" ENCASEMENT PIPE	4	EA	METAL POLE WITH SINGLE MAST ARM
60	LF	BORE AND JACK OF *** (12")	4	EA	SOIL TEST
295	LF	BORE AND JACK OF *** (18")	22	CY	DRILLED PIER FOUNDATION
			4	EA	MAST ARM WITH METAL POLE DESIGN
			22	EA	SIGN FOR SIGNALS

12	EA	TYPE I POST WITH FOUNDATION
6	EA	TYPE II PEDESTAL WITH FOUNDATION
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
3	EA	CABINET BASE EXTENDER
4	EA	GENERIC SIGNAL ITEM LUMINAIRE ARM FOR TEMPORARY VIDEO SYSTEM
6	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL
4	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE
12	EA	GENERIC SIGNAL ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY
7	EA	GENERIC SIGNAL ITEM RELOCATE TEMPORARY CAMERA SENSOR UNIT
		WALL ITEMS
2,814	SF	MSE RETAINING WALL NO **** (1)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C204684 38332.3.1 DIV OFFICE SYLVA LENGTH = 0.641 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 3.00% COMPLETION DATE : MAR 29, 2028

BRIDGES #155 AND 158 OVER RICHLAND CREEK ON US-23/74 AND BRIDGE #168 OVER US-19 AND US-23 ON US-23/74.

		ROADWAY ITEMS			
			264	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.500")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	48	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500")
	2	ACR SUPPLEMENTARY CLEARING & GRUBBING			
	1,250	CY UNDERCUT EXCAVATION	36	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500")
Lump Sum	LS	GRADING			
	85,000	CY BORROW EXCAVATION	264	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.500")
	4	EA EMBANKMENT SETTLEMENT GAUGES			
	180	CY DRAINAGE DITCH EXCAVATION	48	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500")
	180	LF BERM DITCH CONSTRUCTION			
	7	HR PROOF ROLLING	36	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500")
	1,000	CY SELECT GRANULAR MATERIAL			
	2,200	SY GEOTEXTILE FOR SOIL STABILIZATION	2,100	LF	PIPE REMOVAL
	21,500	SF TEMPORARY SHORING	31,056	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION
	1,725	SY ROCK PLATING			
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 24+42.26 -L- RT	5,583	CY	SHALLOW UNDERCUT
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 24+70.00 -L- LT	20,611	TON	CLASS IV SUBGRADE STABILIZATION
Lump Sum	LS	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STATION 32+21.34 -L- LT	50	TON	STABILIZER AGGREGATE
Lump Sum	LS	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STATION 32+21.34 -L- LT	2,820	TON	AGGREGATE BASE COURSE
	2	EA GENERIC GRADING ITEM VW PIEZOMETER	200	TON	INCIDENTAL STONE BASE
	650	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3,340	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")
	2,020	SY FOUNDATION CONDITIONING GEOTEXTILE	1,410	SY	INCIDENTAL MILLING
	48	LF *** SIDE DRAIN PIPE (12")	6,120	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
	24	LF *** SIDE DRAIN PIPE (24")	6,230	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
	784	LF *** SIDE DRAIN PIPE (48")	7,930	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
	16	LF 15" SIDE DRAIN PIPE	1,045	TON	ASPHALT BINDER FOR PLANT MIX
	336	LF 18" SIDE DRAIN PIPE	60	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
	164	LF 24" SIDE DRAIN PIPE	920	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
	3	EA *** SIDE DRAIN PIPE ELBOWS (12")	100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
	1	EA *** SIDE DRAIN PIPE ELBOWS (15")	10,710	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
	2	EA *** SIDE DRAIN PIPE ELBOWS (18")	361	CY	SUBDRAIN EXCAVATION
	2	EA *** SIDE DRAIN PIPE ELBOWS (24")	1,075	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
	1	EA *** SIDE DRAIN PIPE ELBOWS (48")	181	CY	SUBDRAIN COARSE AGGREGATE
	1,640	LF 15" RC PIPE CULVERTS, CLASS IV	1,075	LF	6" PERFORATED SUBDRAIN PIPE
	1,388	LF 18" RC PIPE CULVERTS, CLASS IV	3	EA	SUBDRAIN PIPE OUTLET
	588	LF 24" RC PIPE CULVERTS, CLASS IV	18	LF	6" OUTLET PIPE
	780	LF 30" RC PIPE CULVERTS, CLASS IV	21	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE ENDWALLS
	20	LF *** CS PIPE CULVERTS, ***** THICK (12", 0.064")	7	CY	PIPE COLLARS
	132	LF 15" CS PIPE CULVERTS, 0.064" THICK	2.55	CY	FLOWABLE FILL
	180	LF 18" CS PIPE CULVERTS, 0.064" THICK	59	CY	MASONRY DRAINAGE STRUCTURES
	44	LF 30" CS PIPE CULVERTS, 0.079" THICK	76	EA	MASONRY DRAINAGE STRUCTURES
	2	EA *** CS PIPE ELBOWS, ***** THICK (12", 0.064")	109.1	LF	MASONRY DRAINAGE STRUCTURES
	6	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")	19	EA	FRAME WITH TWO GRATES, STD 840.20
	10	EA *** CS PIPE ELBOWS, ***** THICK (18", 0.064")	25	EA	FRAME WITH TWO GRATES, STD 840.22
	2	EA *** CS PIPE ELBOWS, ***** THICK (30", 0.079")	1	EA	FRAME WITH TWO GRATES, STD 840.29
			1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			3	EA	FRAME WITH COVER, STD 840.54
			26	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
			10	EA	GENERIC DRAINAGE ITEM TEMPORARY PIPE TEE
			250	LF	2'-6" CONCRETE CURB & GUTTER

3,720	LF	SHOULDER BERM GUTTER	8	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
1,000	LF	CONCRETE EXPRESSWAY GUTTER	24	EA	WORK ZONE PRESENCE LIGHTING
640	SY	4" CONCRETE PAVED DITCH	67	EA	HIGH VISIBILITY DRUMS
930	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	48	EA	SEQUENTIAL FLASHING WARNING LIGHTS
280	LF	GENERIC PAVING ITEM CONCRETE CAP FOR SINGLE FACED BARRIER FILL	12	LF	BARRICADES (TYPE III)
1	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	24	LF	PEDESTRIAN CHANNELIZING DEVICES
9,200	LF	STEEL BEAM GUARDRAIL	10	EA	TEMPORARY CRASH CUSHIONS
20	EA	ADDITIONAL GUARDRAIL POSTS	9	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
6	EA	GUARDRAIL END UNITS, TYPE CAT-1	2	EA	TMA
4	EA	GUARDRAIL END UNITS, TYPE TL-3	2,720	LF	PORTABLE CONCRETE BARRIER
12	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	9,370	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
8,300	LF	REMOVE EXISTING GUARDRAIL	4,490	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (THRIE-BEAM)	9,240	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)
1,980	LF	WOVEN WIRE FENCE, 47" FABRIC	1,000	HR	LAW ENFORCEMENT
110	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	300	EA	TEMPORARY RAISED PAVEMENT MARKERS
70	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	18,374	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
1,150	LF	CHAIN LINK FENCE, 48" FABRIC	1,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
96	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	6,658	LF	PAINT PAVEMENT MARKING LINES (12")
9	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	8	EA	PAINT PAVEMENT MARKING SYMBOL
2,290	TON	RIP RAP, CLASS I	53,552	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"
50	TON	RIP RAP, CLASS II	1,344	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"
1,105	TON	RIP RAP, CLASS B	39,940	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
5,365	SY	GEOTEXTILE FOR DRAINAGE	11,619	LF	GENERIC PAVEMENT MARKING ITEM PAINT PAVEMENT MARKING LINES 12" (BLACK)
615	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)	172	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
43	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (B)	Lump Sum	LS	PORTABLE LIGHTING
113	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	15,630	LF	TEMPORARY SILT FENCE
35	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)	1,320	TON	STONE FOR EROSION CONTROL, CLASS A
6	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	3,155	TON	STONE FOR EROSION CONTROL, CLASS B
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	2,560	TON	SEDIMENT CONTROL STONE
48	CY	OVERHEAD FOOTING	16.5	ACR	TEMPORARY MULCHING
452	LB	SUPPORTS, BREAKAWAY STEEL BEAM	800	LB	SEED FOR TEMPORARY SEEDING
5,416	LB	SUPPORTS, SIMPLE STEEL BEAM	6	TON	FERTILIZER FOR TEMPORARY SEEDING
270	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	870	LF	TEMPORARY SLOPE DRAINS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (40+60.00 -L- LT)	760	LF	SAFETY FENCE
11	EA	SIGN ERECTION, TYPE E	7,700	CY	SILT EXCAVATION
2	EA	SIGN ERECTION, TYPE F	40,000	SY	MATTING FOR EROSION CONTROL
2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	2,130	SY	COIR FIBER MAT
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)	1,245	LF	1/4" HARDWARE CLOTH
3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	1,710	SY	FLOATING TURBIDITY CURTAIN
1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	22	EA	SPECIAL STILLING BASINS
2	EA	SIGN ERECTION, MILEMARKERS	440	LF	COIR FIBER WATTLE
1	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (A)	1,050	LB	POLYACRYLAMIDE (PAM)
2	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (D)	675	LF	COIR FIBER BAFFLE
3	EA	DISPOSAL OF SUPPORT, STEEL BEAM	4	EA	*** SKIMMER (1-1/2")
1	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD	1	EA	*** SKIMMER (2")
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	15	ACR	SEEDING & MULCHING
15	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	14	ACR	MOWING
1,457	SF	HIGH VISIBILITY STATIONARY SIGNS	200	LB	SEED FOR REPAIR SEEDING
400	SF	HIGH VISIBILITY PORTABLE SIGNS	9.75	TON	FERTILIZER FOR REPAIR SEEDING
60	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	20	LF	FERTILIZER TOPDRESSING
4	EA	FLASHING ARROW BOARD	35	MHR	IMPERVIOUS DIKE
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	8	MHR	SPECIALIZED HAND MOWING
50	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	2	TON	MANUAL LITTER REMOVAL
			100	EA	LITTER DISPOSAL
			6	EA	RESPONSE FOR EROSION CONTROL
			0.13	ACR	CONCRETE WASHOUT STRUCTURE
			50	EA	STREAMBANK REFORESTATION
					GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE

150	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+42.26 -L- RT)
850	LF	TRACER WIRE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+70.00 -L- LT)
375	LF	UNPAVED TRENCHING (*****) (1, 2")	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+21.34 -L- LT)
350	LF	UNPAVED TRENCHING (*****) (1, 4")	Lump Sum	LS	ASBESTOS ASSESSMENT
100	LF	UNPAVED TRENCHING (*****) (2, 2")	112.2	LF	***L**" DIA DRILLED PIERS IN SOIL (4'-6")
350	LF	UNPAVED TRENCHING (*****) (4, 1-1/4")	67.8	LF	***L**" DIA DRILLED PIERS NOT IN SOIL (4'-6")
200	LF	DIRECTIONAL DRILL (*****) (1, 2")	97.8	LF	PERMANENT STEEL CASING FOR ***L**" DIA DRILLED PIER (4'-6")
400	LF	DIRECTIONAL DRILL (*****) (2, 2")	6	EA	PDA TESTING
3	EA	JUNCTION BOX (*****) (SPECIAL OVERSIZED)	6	EA	SID INSPECTIONS
8	EA	JUNCTION BOX (STANDARD SIZE)	6	EA	CSL TESTING
4	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+42.26 -L- RT)
3	EA	WOOD POLE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+70.00 -L- LT)
1	EA	2" RISER WITH HEAT SHRINK TUBING	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (32+21.34 -L- LT)
1,225	LF	DROP CABLE	26,971	SF	REINFORCED CONCRETE DECK SLAB
3	EA	SPLICE ENCLOSURE	28,644	SF	GROOVING BRIDGE FLOORS
5	EA	INTERCONNECT CENTER	661.9	CY	CLASS A CONCRETE (BRIDGE)
4	EA	DELINEATOR MARKER	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+42.26 -L- RT)
1	EA	FURNISH FIBER-OPTIC RESTORATION KIT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+70.00 -L- LT)
2	EA	SOIL TEST	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (32+21.34 -L- LT)
16	CY	DRILLED PIER FOUNDATION	105,280	LB	REINFORCING STEEL (BRIDGE)
2	EA	RELOCATE EXISTING SIGN	7,070	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
18	EA	GENERIC SIGNAL ITEM 5/8" x 10' GROUNDING ELECTRODE	102	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
4	EA	GENERIC SIGNAL ITEM CCTV CAMERA LOWERING SYSTEM	4,555	LF	HP 14 X 73 STEEL PILES
2	EA	GENERIC SIGNAL ITEM CCTV METAL POLE	102	EA	STEEL PILE POINTS
4	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY	33	EA	PILE REDRIVES
1	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER	1,573.55	LF	CONCRETE BARRIER RAIL
1	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE	165.5	SY	4" SLOPE PROTECTION
1	EA	GENERIC SIGNAL ITEM DYNAMIC MESSAGE SIGN TYPE 2C	1,410	TON	RIP RAP CLASS II (2'-0" THICK)
3	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT	1,565	SY	GEOTEXTILE FOR DRAINAGE
6	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	Lump Sum	LS	ELASTOMERIC BEARINGS
5	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET	Lump Sum	LS	EXPANSION JOINT SEALS
3	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (24+70.00 -L- LT)
4	EA	GENERIC SIGNAL ITEM VARIABLE SPEED DRILL	Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY OVERBUILD AND REMOVAL
600	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR	2,070.5	LF	GENERIC STRUCTURE ITEM 54" FIB PRESTRESSED CONCRETE GIRDERS
550	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS	1,632.6	LF	GENERIC STRUCTURE ITEM 63" FIB PRESTRESSED CONCRETE GIRDER
50	LF	GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCTORS	9,230	LF	GENERIC STRUCTURE ITEM GLASS FIBER REINFORCED POLYMER (GFRP) BAR
WALL ITEMS					
1,011	LF	CONCRETE BARRIER RAIL WITH MOMENT SLAB			
2,535	SF	MSE RETAINING WALL NO **** (W4)			
16,980	SF	MSE RETAINING WALL NO **** (W5)			
5,350	SF	MSE RETAINING WALL NO **** (W7)			
11,625	SF	SOIL NAIL RETAINING WALLS			
6	EA	SOIL NAIL VERIFICATION TESTS			
36	EA	SOIL NAIL PROOF TESTS			
STRUCTURE ITEMS					
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (23+84.15 -DET01- EB)			
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+42.26 -L- RT)			
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+70.00 -L- LT)			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219 008

CONTRACT ID : C204887 47427.3.1 DIV OFFICE SYLVA LENGTH = 3.773 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING, SIGNALS, CULVERTS AND WALLS.

DBE GOAL 5.00% COMPLETION DATE : JUN 01, 2029

US-19/129 FROM GEORGIA STATE LINE TO US-64.

ROADWAY ITEMS					
			108	LF	18" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	MOBILIZATION	64	LF	30" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	CONSTRUCTION SURVEYING	700	LF	36" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	FIELD OFFICE	16	EA	*** PIPE END SECTION (15")
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	2	EA	*** PIPE END SECTION (18")
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING	3	EA	*** PIPE END SECTION (24")
6	EA	SEALING ABANDONED WELLS	84	LF	*** CS PIPE CULVERTS, ***** THICK (54", 0.109")
1,197,000	CY	UNCLASSIFIED EXCAVATION	36	LF	*** CS PIPE CULVERTS, ***** THICK (60", 0.138")
11,530	CY	UNDERCUT EXCAVATION	68	LF	*** CS PIPE CULVERTS, ***** THICK (66", 0.138")
15,980	CY	DRAINAGE DITCH EXCAVATION	2	EA	*** CS PIPE ELBOWS, ***** THICK (54", 0.109")
2,600	LF	BERM DITCH CONSTRUCTION	2	EA	*** CS PIPE ELBOWS, ***** THICK (60", 0.138")
72,520	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	2	EA	*** CS PIPE ELBOWS, ***** THICK (66", 0.138")
11,000	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	70	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")
4,000	CY	SELECT GRANULAR MATERIAL, CLASS III	40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")
10,112	SY	GEOTEXTILE FOR SOIL STABILIZATION	200	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (66", 1.000")
30,394	SF	TEMPORARY SHORING	116	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (72", 1.000")
125	SY	ROCK PLATING	70	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")
1,500	SY	REINFORCED SOIL SLOPES	40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")
250	CY	GENERIC GRADING ITEM COMPOST BLANKET	200	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (66", 1.000")
1,500	SY	GENERIC GRADING ITEM GEOCELLS	116	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1.000")
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	70	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")
2,170	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")
6,800	SY	FOUNDATION CONDITIONING GEOTEXTILE	200	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (66", 1.000")
4,068	LF	15" DRAINAGE PIPE	116	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1.000")
1,960	LF	18" DRAINAGE PIPE	6,251	LF	PIPE REMOVAL
1,628	LF	24" DRAINAGE PIPE	Lump Sum	LS	FINE GRADING
456	LF	30" DRAINAGE PIPE	20	TON	#57 STONE
228	LF	36" DRAINAGE PIPE	1,000	CY	SHALLOW UNDERCUT
88	LF	48" DRAINAGE PIPE	2,000	TON	CLASS IV SUBGRADE STABILIZATION
24	EA	*** DRAINAGE PIPE ELBOWS (15")	16,920	TON	AGGREGATE BASE COURSE
14	EA	*** DRAINAGE PIPE ELBOWS (18")	8,000	TON	INCIDENTAL STONE BASE
22	EA	*** DRAINAGE PIPE ELBOWS (24")	1,400	CY	SHOULDER BORROW
8	EA	*** DRAINAGE PIPE ELBOWS (30")	13,910	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (3")
4	EA	*** DRAINAGE PIPE ELBOWS (36")	1,510	SY	MILLING ASPHALT PAVEMENT, ***** TO ***** (0" TO 1-1/2")
2,908	LF	15" RC PIPE CULVERTS, CLASS III	3,000	SY	INCIDENTAL MILLING
2,220	LF	18" RC PIPE CULVERTS, CLASS III	34,910	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1,872	LF	24" RC PIPE CULVERTS, CLASS III	22,450	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
624	LF	30" RC PIPE CULVERTS, CLASS III	31,850	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
276	LF	36" RC PIPE CULVERTS, CLASS III	4,530	TON	ASPHALT BINDER FOR PLANT MIX
532	LF	42" RC PIPE CULVERTS, CLASS III	1,130	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
776	LF	48" RC PIPE CULVERTS, CLASS III	2,739.5	CY	SUBDRAIN EXCAVATION
184	LF	54" RC PIPE CULVERTS, CLASS III	6,820	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
272	LF	60" RC PIPE CULVERTS, CLASS III	336	CY	SUBDRAIN FINE AGGREGATE
504	LF	66" RC PIPE CULVERTS, CLASS III	1,145.8	CY	SUBDRAIN COARSE AGGREGATE
208	LF	72" RC PIPE CULVERTS, CLASS III	8,820	LF	6" PERFORATED SUBDRAIN PIPE
60	LF	***** RC PIPE CULVERTS, CLASS IV (48")			
56	LF	***** RC PIPE CULVERTS, CLASS IV (66")			
408	LF	15" RC PIPE CULVERTS, CLASS IV			

17	EA	SUBDRAIN PIPE OUTLET	110	TON	RIP RAP, CLASS II
102	LF	6" OUTLET PIPE	9,650	TON	RIP RAP, CLASS B
28	CY	ENDWALLS	27,295	SY	GEOTEXTILE FOR DRAINAGE
50	CY	REINFORCED ENDWALLS	1,975	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
8.2	CY	PIPE COLLARS	5	EA	SIGN ERECTION, TYPE D
734.1	CY	FLOWABLE FILL	111	EA	SIGN ERECTION, TYPE E
150	EA	MASONRY DRAINAGE STRUCTURES	9	EA	SIGN ERECTION, TYPE F
110	CY	MASONRY DRAINAGE STRUCTURES	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
222.4	LF	MASONRY DRAINAGE STRUCTURES	2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
5	EA	FRAME WITH TWO GRATES, STD 840.16	70	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
68	EA	FRAME WITH TWO GRATES, STD 840.24	3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
25	EA	FRAME WITH TWO GRATES, STD 840.29	2	EA	GENERIC SIGNING ITEM DISPOSAL OF FLASHER SYSTEM
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	8	EA	GENERIC SIGNING ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2,767	SF	WORK ZONE SIGNS (STATIONARY)
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	256	SF	WORK ZONE SIGNS (PORTABLE)
31	EA	FRAME WITH COVER, STD 840.54	613	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
5	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	2	EA	FLASHING ARROW BOARD
8	EA	GENERIC DRAINAGE ITEM BICYCLE SAFE STEEL FRAME AND GRATE	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1,220	LF	*** X *** CONCRETE CURB (8" X 12")	760	EA	DRUMS
2,550	LF	2'-6" CONCRETE CURB & GUTTER	50	EA	CONES
5,360	LF	SHOULDER BERM GUTTER	792	LF	BARRICADES (TYPE III)
405	LF	CONCRETE EXPRESSWAY GUTTER	720	DAY	FLAGGER
90	LF	CONCRETE VALLEY GUTTER	4	EA	TEMPORARY CRASH CUSHIONS
300	SY	6" CONCRETE DRIVEWAY	6	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
200	SY	4" CONCRETE PAVED DITCH	2	EA	TMA
300	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	4,350	LF	PORTABLE CONCRETE BARRIER
3,102	LF	CONCRETE BARRIER, TYPE ***** (IV)	250	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
1	EA	ADJUSTMENT OF CATCH BASINS	4,550	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
3	EA	ADJUSTMENT OF DROP INLETS	160	HR	LAW ENFORCEMENT
1	EA	ADJUSTMENT OF MANHOLES	1,000	EA	SKINNY DRUM
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	905	EA	TEMPORARY RAISED PAVEMENT MARKERS
1	EA	GENERIC DRAINAGE ITEM CONVERT JB TO OPEN THROAT CATCH BASIN	15,386	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
10,875	LF	STEEL BEAM GUARDRAIL	100,172	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
525	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	1,576	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
6	EA	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	562	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
10	EA	ADDITIONAL GUARDRAIL POSTS	105	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3	EA	GUARDRAIL END UNITS, TYPE AT-1	19,066	LF	PAINT PAVEMENT MARKING LINES (4")
50	EA	GUARDRAIL END UNITS, TYPE TL-3	366,209	LF	PAINT PAVEMENT MARKING LINES (6")
1	EA	GUARDRAIL END UNITS, TYPE TL-2	1,928	LF	PAINT PAVEMENT MARKING LINES (12")
875	LF	REMOVE & RESET EXISTING GUARDRAIL	860	LF	PAINT PAVEMENT MARKING LINES (24")
12,611	LF	REMOVE EXISTING GUARDRAIL	72	EA	PAINT PAVEMENT MARKING SYMBOL
6,262.5	LF	TEMPORARY STEEL BEAM GUARDRAIL	170	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
75	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)	95,950	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	18	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
24	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	96	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
1	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE AT-1	165	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
1	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE CAT-1	5	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1,430	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (60")	692	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
120	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (60")	4	EA	FLEXIBLE DELINEATORS (CRYSTAL)
14	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60")	25	LF	6" WATER LINE
3,115	TON	RIP RAP, CLASS I	1,444	LF	10" WATER LINE
			105	LF	12" WATER LINE
			4,880	LB	DUCTILE IRON WATER PIPE FITTINGS
			4	EA	6" VALVE
			3	EA	10" VALVE

2	EA	10" TAPPING SLEEVE & VALVE	1,150	LF	MESSENGER CABLE (3/8")
3	EA	RELOCATE WATER METER	750	LF	UNPAVED TRENCHING (*****) (1, 2")
3	EA	FIRE HYDRANT	250	LF	DIRECTIONAL DRILL (*****) (1, 2")
39	LF	FIRE HYDRANT LEG	7	EA	JUNCTION BOX (STANDARD SIZE)
30	LF	WATER SERVICE LINE	2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
1,558	LF	8" SANITARY GRAVITY SEWER	2	EA	WOOD POLE
603	LF	*** FORCE MAIN SEWER (3)	6	EA	GUY ASSEMBLY
4	EA	SANITARY SEWER CLEAN-OUT	1	EA	1" RISER WITH WEATHERHEAD
182	LF	SEWER SERVICE LINE	3	EA	2" RISER WITH WEATHERHEAD
2,100	LB	DUCTILE IRON SEWER PIPE FITTINGS	800	LF	INDUCTIVE LOOP SAWCUT
13	EA	4' DIA UTILITY MANHOLE	6,300	LF	LEAD-IN CABLE (*****) (14-2)
59	LF	UTILITY MANHOLE WALL 4' DIA	1	EA	SITE SURVEY
3	EA	REMOVE FIRE HYDRANT	3	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
7	EA	ABANDON UTILITY MANHOLE	1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
234	LF	16" ENCASEMENT PIPE	4	EA	METAL STRAIN SIGNAL POLE
79	LF	20" ENCASEMENT PIPE	4	EA	SOIL TEST
123,575	LF	TEMPORARY SILT FENCE	32	CY	DRILLED PIER FOUNDATION
5,900	TON	STONE FOR EROSION CONTROL, CLASS A	2	EA	SIGN FOR SIGNALS
22,080	TON	STONE FOR EROSION CONTROL, CLASS B	1	EA	SIGNAL CABINET FOUNDATION
11,885	TON	SEDIMENT CONTROL STONE	1	EA	CONTROLLERS WITH CABINET (*****) (2070LX BASE MTD)
224.5	ACR	TEMPORARY MULCHING	7	EA	DETECTOR CARD (TYPE 170)
8,600	LB	SEED FOR TEMPORARY SEEDING	1	EA	CABINET BASE EXTENDER
43.5	TON	FERTILIZER FOR TEMPORARY SEEDING	1	EA	GENERIC SIGNAL ITEM LUMINAIRE ARM FOR TEMPORARY VIDEO SYSTEM
8,865	LF	TEMPORARY SLOPE DRAINS			CULVERT ITEMS
5,000	LF	SAFETY FENCE	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (127+65.00 -L-)
73,530	CY	SILT EXCAVATION	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (71+92.10 -L-)
500,335	SY	MATTING FOR EROSION CONTROL	753	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
4,155	SY	COIR FIBER MAT	356.5	CY	CLASS A CONCRETE (CULVERT)
17,585	SY	PERMANENT SOIL REINFORCEMENT MAT	63,271	LB	REINFORCING STEEL (CULVERT)
12,230	LF	1/4" HARDWARE CLOTH			WALL ITEMS
85	LF	*** TEMPORARY PIPE (24")	3,130	SF	SOIL NAIL RETAINING WALLS
210	LF	*** TEMPORARY PIPE (36")	2	EA	SOIL NAIL VERIFICATION TESTS
40	LF	*** TEMPORARY PIPE (66")	6	EA	SOIL NAIL PROOF TESTS
278	CY	STILLING BASINS			
10	EA	SPECIAL STILLING BASINS			
6,400	LF	COIR FIBER WATTLE			
16,772	LF	WATTLE BARRIER			
10,945	LB	POLYACRYLAMIDE (PAM)			
10,000	LF	COIR FIBER BAFFLE			
6	EA	*** SKIMMER (1-1/2")			
5	EA	*** SKIMMER (2")			
2	EA	*** SKIMMER (2-1/2")			
147	ACR	SEEDING & MULCHING			
171	ACR	MOWING			
2,250	LB	SEED FOR REPAIR SEEDING			
7.25	TON	FERTILIZER FOR REPAIR SEEDING			
3,600	LB	SEED FOR SUPPLEMENTAL SEEDING			
107.75	TON	FERTILIZER TOPDRESSING			
1,228	LF	IMPERVIOUS DIKE			
200	MHR	SPECIALIZED HAND MOWING			
95	MHR	MANUAL LITTER REMOVAL			
7	TON	LITTER DISPOSAL			
150	EA	RESPONSE FOR EROSION CONTROL			
20	EA	CONCRETE WASHOUT STRUCTURE			
410	CY	CULVERT DIVERSION CHANNEL			
10	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE			
30	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT			
3,175	LF	SIGNAL CABLE			
15	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
18	EA	BACKPLATE			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231219

009

CONTRACT ID : C204823

50230.3.1

DIV OFFICE SYLVA

LENGTH = 1.193 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 5.00% COMPLETION DATE : FEB 11, 2028

US-276 (RUSS AVE) FROM US-23/74 TO US-23 BUS (MAIN ST) IN WAYNESVILLE.

ROADWAY ITEMS					
			147	LF	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	MOBILIZATION	18	EA	FRAME WITH TWO GRATES, STD 840.16
Lump Sum	LS	CONSTRUCTION SURVEYING	7	EA	FRAME WITH TWO GRATES, STD 840.24
Lump Sum	LS	FIELD OFFICE	1	EA	FRAME WITH TWO GRATES, STD 840.29
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
2	EA	SEALING ABANDONED WELLS			(E)
850	CY	UNDERCUT EXCAVATION	46	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	GRADING			(F)
200	CY	SELECT GRANULAR MATERIAL	45	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
600	SY	GEOTEXTILE FOR SOIL STABILIZATION			(G)
2,824	SF	TEMPORARY SHORING	33	EA	FRAME WITH COVER, STD 840.54
2,750	SY	ROCK PLATING	1	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 24+64.13 -L-	11	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 31+45.00 -L-	1,160	LF	1'-6" CONCRETE CURB & GUTTER
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	13,760	LF	2'-6" CONCRETE CURB & GUTTER
1,587	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	390	LF	CONCRETE VALLEY GUTTER
8,789	SY	FOUNDATION CONDITIONING GEOTEXTILE	5,700	SY	4" CONCRETE SIDEWALK
352	LF	15" SIDE DRAIN PIPE	90	EA	CONCRETE CURB RAMPS
28	LF	24" SIDE DRAIN PIPE	980	SY	6" CONCRETE DRIVEWAY
4,485	LF	15" RC PIPE CULVERTS, CLASS IV	170	SY	4" CONCRETE PAVED DITCH
1,128	LF	18" RC PIPE CULVERTS, CLASS IV	3,300	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1,832	LF	24" RC PIPE CULVERTS, CLASS IV	240	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
48	LF	30" RC PIPE CULVERTS, CLASS IV	1,170	SF	GENERIC PAVING ITEM BRICK SIDEWALK
224	LF	36" RC PIPE CULVERTS, CLASS IV	570	LF	GENERIC PAVING ITEM GRANITE CURB
1,764	LF	PIPE REMOVAL	3	EA	ADJUSTMENT OF CATCH BASINS
1,250	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION	2	EA	ADJUSTMENT OF DROP INLETS
350	CY	SHALLOW UNDERCUT	2	EA	ADJUSTMENT OF MANHOLES
700	TON	CLASS IV SUBGRADE STABILIZATION	4	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE
1,250	TON	AGGREGATE BASE COURSE	3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
1,000	TON	INCIDENTAL STONE BASE	2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3
1,250	GAL	PRIME COAT	1,700	LF	STEEL BEAM GUARDRAIL
8,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	155	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
11,000	SY	INCIDENTAL MILLING	10	EA	ADDITIONAL GUARDRAIL POSTS
8,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
8,500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1	EA	GUARDRAIL END UNITS, TYPE AT-1
11,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2	EA	GUARDRAIL END UNITS, TYPE CAT-1
1,515	TON	ASPHALT BINDER FOR PLANT MIX	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1,700	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	11	EA	GUARDRAIL END UNITS, TYPE TL-2
79.7	CY	SUBDRAIN EXCAVATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
356	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	1,400	LF	REMOVE EXISTING GUARDRAIL
59.8	CY	SUBDRAIN COARSE AGGREGATE	410	LF	CHAIN LINK FENCE, *** FABRIC (72")
350	LF	6" PERFORATED SUBDRAIN PIPE	42	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
1	EA	SUBDRAIN PIPE OUTLET	52	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
6	LF	6" OUTLET PIPE	4	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (72")
7	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	2	EA	SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (72"-8')
5.38	CY	PIPE COLLARS	80	LF	BARBED WIRE FENCE RESET
71	CY	FLOWABLE FILL			
153	EA	MASONRY DRAINAGE STRUCTURES			

1,180	LF	GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL	1,747	LF	6" WATER LINE
140	TON	RIP RAP, CLASS I	8	LF	8" WATER LINE
5	TON	RIP RAP, CLASS B	3,576	LF	10" WATER LINE
9,465	SY	GEOTEXTILE FOR DRAINAGE	2,750	LF	12" WATER LINE
1,593	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	491	LF	16" WATER LINE
12	EA	SIGN ERECTION, TYPE D	30,660	LB	DUCTILE IRON WATER PIPE FITTINGS
83	EA	SIGN ERECTION, TYPE E	3	EA	2" VALVE
14	EA	SIGN ERECTION, TYPE F	2	EA	4" VALVE
85	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	15	EA	6" VALVE
308	SF	WORK ZONE SIGNS (STATIONARY)	1	EA	8" VALVE
1,252	SF	WORK ZONE SIGNS (PORTABLE)	7	EA	10" VALVE
613	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	18	EA	12" VALVE
2	EA	FLASHING ARROW BOARD	38	EA	RELOCATE WATER METER
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	19	EA	RECONNECT WATER METER
500	EA	DRUMS	2	EA	RELOCATE *** RPZ BACKFLOW PREVENTION ASSEMBLY (1")
336	LF	BARRICADES (TYPE III)	2	EA	RELOCATE 2" RPZ BACKFLOW PREVENTION ASSEMBLY
50	LF	PEDESTRIAN CHANNELIZING DEVICES	5	EA	RELOCATE FIRE HYDRANT
45	DAY	FLAGGER	36	LF	FIRE HYDRANT LEG
4	EA	TEMPORARY CRASH CUSHIONS	124	LF	*** WATER SERVICE LINE (2")
4	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	1,127	LF	WATER SERVICE LINE
4	EA	TMA	86	LF	*** SANITARY GRAVITY SEWER (14")
650	LF	PORTABLE CONCRETE BARRIER	60	LF	4" SANITARY GRAVITY SEWER
750	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	1,707	LF	8" SANITARY GRAVITY SEWER
650	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER	713	LF	10" SANITARY GRAVITY SEWER
750	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	241	LF	12" SANITARY GRAVITY SEWER
80	HR	LAW ENFORCEMENT	227	LF	18" SANITARY GRAVITY SEWER
100	EA	SKINNY DRUM	280	LF	30" SANITARY GRAVITY SEWER
15	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	14	EA	SANITARY SEWER CLEAN-OUT
1,000	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)	530	LF	SEWER SERVICE LINE
200	EA	TEMPORARY RAISED PAVEMENT MARKERS	30	EA	4' DIA UTILITY MANHOLE
14,890	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	8	EA	5' DIA UTILITY MANHOLE
3,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	2	EA	6' DIA UTILITY MANHOLE
1,270	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	212	LF	UTILITY MANHOLE WALL 4' DIA
1,185	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	50	LF	UTILITY MANHOLE WALL 5' DIA
155	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	9	LF	UTILITY MANHOLE WALL 6' DIA
26	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	333	LF	ABANDON *** UTILITY PIPE (4")
1	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	2,368	LF	ABANDON 6" UTILITY PIPE
300	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)	1,823	LF	ABANDON 8" UTILITY PIPE
620	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (III)	4,076	LF	ABANDON 10" UTILITY PIPE
16	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)	2,500	LF	ABANDON 12" UTILITY PIPE
55,826	LF	PAINT PAVEMENT MARKING LINES (4")	210	LF	ABANDON 18" UTILITY PIPE
1,475	LF	PAINT PAVEMENT MARKING LINES (8")	170	LF	ABANDON 30" UTILITY PIPE
400	LF	PAINT PAVEMENT MARKING LINES (12")	19	EA	ABANDON UTILITY MANHOLE
3,850	LF	PAINT PAVEMENT MARKING LINES (24")	80	LF	*** ENCASEMENT PIPE (48")
10	EA	PAINT PAVEMENT MARKING CHARACTER	226	LF	12" ENCASEMENT PIPE
217	EA	PAINT PAVEMENT MARKING SYMBOL	204	LF	24" ENCASEMENT PIPE
37,375	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	226	LF	BORE AND JACK OF *** (12")
500	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	204	LF	BORE AND JACK OF *** (24")
70	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	80	LF	BORE AND JACK OF *** (48")
530	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	491	LF	DIRECTIONAL DRILLING OF *** (16")
Lump Sum	LS	PORTABLE LIGHTING	2	EA	GENERIC UTILITY ITEM 4" FLEXIBLE COUPLING
948	LF	2" WATER LINE	4	EA	GENERIC UTILITY ITEM 8" FLEXIBLE COUPLING
133	LF	4" WATER LINE	1	EA	GENERIC UTILITY ITEM 8" x 6" FLEXIBLE COUPLING
			6,560	LF	GENERIC UTILITY ITEM 2" RIGID PVC CONDUIT, SCH 40 - HEAVY WALL
			7,247	LF	GENERIC UTILITY ITEM 4" RIGID PVC CONDUIT, SCH 40 - HEAVY WALL
			2,190	LF	GENERIC UTILITY ITEM 6" RIGID PVC CONDUIT, SCH 40 - HEAVY WALL

Lump Sum	LS	GENERIC UTILITY ITEM 9'-4" PVC CONDUIT HANGER SYSTEM RAILROAD BRIDGE	9	EA	SPLICE ENCLOSURE
			9	EA	INTERCONNECT CENTER
Lump Sum	LS	GENERIC UTILITY ITEM 9'-4" PVC CONDUIT HANGER SYSTEM RICHLAND CREEK BRIDGE	19	EA	DELINEATOR MARKER
			9	EA	900MHZ SERIAL/ETHERNET SPREAD SPECTRUM RADIO
10,500	HR	GENERIC UTILITY ITEM UTILITIES COORDINATION	10	EA	METAL POLE WITH SINGLE MAST ARM
15,000	LF	TEMPORARY SILT FENCE	11	EA	METAL POLE WITH DUAL MAST ARM
2,000	TON	STONE FOR EROSION CONTROL, CLASS A	21	EA	SOIL TEST
550	TON	STONE FOR EROSION CONTROL, CLASS B	126	CY	DRILLED PIER FOUNDATION
2,600	TON	SEDIMENT CONTROL STONE	21	EA	MAST ARM WITH METAL POLE DESIGN
9	ACR	TEMPORARY MULCHING	42	EA	SIGN FOR SIGNALS
500	LB	SEED FOR TEMPORARY SEEDING	40	EA	TYPE II PEDESTAL WITH FOUNDATION
4.5	TON	FERTILIZER FOR TEMPORARY SEEDING	8	EA	SIGNAL CABINET FOUNDATION
200	LF	TEMPORARY SLOPE DRAINS	8	EA	CONTROLLERS WITH CABINET (***** (2070L, BASE MOUNTED)
1,600	LF	SAFETY FENCE			DETECTOR CARD (TYPE 2070L)
2,250	CY	SILT EXCAVATION	107	EA	
21,500	SY	MATTING FOR EROSION CONTROL	8	EA	CABINET BASE ADAPTER
100	SY	COIR FIBER MAT	6	EA	METAL POLE FOUNDATION REMOVAL
3,050	LF	1/4" HARDWARE CLOTH	6	EA	METAL POLE REMOVAL
250	SY	FLOATING TURBIDITY CURTAIN	1	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
50	EA	SPECIAL STILLING BASINS	1	EA	GENERIC SIGNAL ITEM
975	LF	COIR FIBER WATTLE			DIGITAL CCTV CAMERA ASSEMBLY
200	LB	POLYACRYLAMIDE (PAM)	9	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
775	LF	COIR FIBER BAFFLE	10	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES
2	EA	*** SKIMMER (1-1/2")			
9	ACR	SEEDING & MULCHING	11	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR DUAL MAST ARM POLE (BLACK)
4	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING	40	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL (BLACK)
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
175	LB	SEED FOR SUPPLEMENTAL SEEDING	10	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)
5	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
5	MHR	MANUAL LITTER REMOVAL	1,847	SF	SOIL NAIL RETAINING WALLS
2	TON	LITTER DISPOSAL	1	EA	SOIL NAIL VERIFICATION TESTS
100	EA	RESPONSE FOR EROSION CONTROL	10	EA	SOIL NAIL PROOF TESTS
30	EA	CONCRETE WASHOUT STRUCTURE	4,046	SF	SEGMENTAL GRAVITY RETAINING WALLS
330	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE			
700	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+64.13 -L-)
3	CY	CONCRETE STEPS	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (31+45.00 -L-)
40	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	Lump Sum	LS	ASBESTOS ASSESSMENT
28,000	LF	SIGNAL CABLE	252	LF	PILE EXCAVATION IN SOIL
146	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	84	LF	PILE EXCAVATION NOT IN SOIL
30	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	667.3	LF	3'-6" DIA DRILLED PIERS IN SOIL
12	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	364	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
40	EA	APS DETECTOR STATION	424.4	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
8	EA	CENTRAL CONTROL UNIT APS DETECTOR STATION	1	EA	SID INSPECTIONS
3,700	LF	MESSENGER CABLE (1/4")	3	EA	CSL TESTING
3,700	LF	MESSENGER CABLE (3/8")	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+64.13 -L-)
5,900	LF	TRACER WIRE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (31+45.00 -L-)
3,300	LF	UNPAVED TRENCHING (***** (1, 2")	31,927	SF	REINFORCED CONCRETE DECK SLAB
3,500	LF	UNPAVED TRENCHING (***** (2, 2")	28,559	SF	GROOVING BRIDGE FLOORS
3,400	LF	DIRECTIONAL DRILL (***** (2, 2")	540	CY	CLASS A CONCRETE (BRIDGE)
83	EA	JUNCTION BOX (STANDARD SIZE)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+64.13 -L-)
19	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (31+45.00 -L-)
55	EA	WOOD POLE	137,264	LB	REINFORCING STEEL (BRIDGE)
77	EA	GUY ASSEMBLY	28,713	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
8	EA	2" RISER WITH WEATHERHEAD	3,354.13	LF	45" PRESTRESSED CONCRETE GIRDBERS
9,100	LF	INDUCTIVE LOOP SAWCUT			
31,000	LF	LEAD-IN CABLE (***** (14-2)			
7,000	LF	COMMUNICATIONS CABLE (** FIBER) (24)			
1,800	LF	DROP CABLE			

27	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
20	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
1,185	LF	HP 12 X 53 STEEL PILES
875	LF	HP 14 X 73 STEEL PILES
679.94	LF	THREE BAR METAL RAIL
120	LF	*** CHAIN LINK FENCE (104")
1,120	SY	4" SLOPE PROTECTION
210	TON	RIP RAP CLASS II (2'-0" THICK)
235	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS