



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.

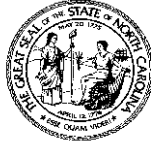
You are no longer required to be a Plan Holder to bid for any lettings occurring June 1, 2022, or later.

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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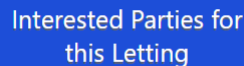
NOTICE OF DBE OPPORTUNITIES

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 typically held on the third Tuesday of each month. NCDOT advertises the Central Lettings at the location below with a separate letting page for each month. If your firm is eligible to bid (i.e. prequalified as a Bidder), you can download and print the bid related items from the upcoming monthly letting pages here:

[Central Highway Lettings](#)

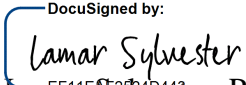
Additionally, if you are interested in providing subcontractor work for any of the listed projects, we strongly encourage you to solicit each of the contractors bidding on the projects to see if they are interested in receiving a quote. Potential bidders or subcontractors may sign themselves up and provide contact information using the Interested Parties List button on each of the monthly letting pages. A screenshot of the IPL button is shown below for reference:



Interested Parties for
this Letting

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, 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

**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 JULY 16, 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.

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 JUNE 18, 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.

DIV NO.	DIVISION ENGINEER	TOWN	TELEPHONE
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: L240716

RPN Contract Id	WBS	County	Length	Job Type
002	C204843 44385.3.3	RANDOLPH	1.972 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
003	C204948 45924.3.1	IREDELL	12.350 MI	PAVEMENT REHABILITATION.
004	C204884 49623.3.1	HAYWOOD	0.693 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
005	C204865 49624.3.1	HAYWOOD	0.813 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L240716

002

CONTRACT ID : C204843 44385.3.3

DIV OFFICE CARTHAGE

LENGTH = 1.972 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 6.00% COMPLETION DATE : APR 01, 2029

US-64 FROM ASHEBORO BYPASS TO EAST OF I-73/I-74/US-220.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	3	EA	PIPE CLEAN OUT
Lump Sum	LS	CONSTRUCTION SURVEYING	Lump Sum	LS	FINE GRADING
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	27,180	SY	LIME TREATED SOIL (SLURRY METHOD)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	660	TON	LIME FOR LIME TREATED SOIL
57,000	CY	UNCLASSIFIED EXCAVATION	6,000	CY	SHALLOW UNDERCUT
5,900	CY	UNDERCUT EXCAVATION	19,618	TON	CLASS IV SUBGRADE STABILIZATION
164,000	CY	BORROW EXCAVATION	500	TON	STABILIZER AGGREGATE
2,000	CY	DRAINAGE DITCH EXCAVATION	32,491	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION
55,200	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	2,180	TON	AGGREGATE BASE COURSE
3,000	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	27,180	SY	SOIL CEMENT BASE
21	HR	PROOF ROLLING	1,522	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
2,000	CY	SELECT GRANULAR MATERIAL	850	TON	INCIDENTAL STONE BASE
11,810	SY	GEOTEXTILE FOR SOIL STABILIZATION	9,262	GAL	PRIME COAT
11,265	SF	TEMPORARY SHORING	15,200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
380	SY	ROCK PLATING	3,800	SY	INCIDENTAL MILLING
Lump Sum	LS	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STA 21+94.17 -Y-	38,420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
200	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	29,690	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
2,710	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	5,220	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,510	SY	FOUNDATION CONDITIONING GEOTEXTILE	25,670	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
52	LF	*** SIDE DRAIN PIPE (60")	5,045	TON	ASPHALT BINDER FOR PLANT MIX
1,620	LF	15" SIDE DRAIN PIPE	1,500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
460	LF	18" SIDE DRAIN PIPE	142	EA	RIGHT-OF-WAY MARKERS
420	LF	24" SIDE DRAIN PIPE	7	EA	CONTROL-OF-ACCESS MARKERS
10	EA	*** SIDE DRAIN PIPE ELBOWS (15")	1,452	CY	SUBDRAIN EXCAVATION
6	EA	*** SIDE DRAIN PIPE ELBOWS (18")	4,320	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
4	EA	*** SIDE DRAIN PIPE ELBOWS (24")	726	CY	SUBDRAIN COARSE AGGREGATE
4	EA	*** SIDE DRAIN PIPE ELBOWS (30")	4,320	LF	6" PERFORATED SUBDRAIN PIPE
2	EA	*** SIDE DRAIN PIPE ELBOWS (36")	9	EA	SUBDRAIN PIPE OUTLET
8	LF	***** RC PIPE CULVERTS, CLASS IV (42")	54	LF	6" OUTLET PIPE
36	LF	***** RC PIPE CULVERTS, CLASS IV (48")	10	TON	BLOTTING SAND
12,388	LF	15" RC PIPE CULVERTS, CLASS IV	40	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
3,676	LF	18" RC PIPE CULVERTS, CLASS IV	1.105	CY	PIPE COLLARS
3,510	LF	24" RC PIPE CULVERTS, CLASS IV	142	CY	FLOWABLE FILL
940	LF	30" RC PIPE CULVERTS, CLASS IV	302	EA	MASONRY DRAINAGE STRUCTURES
1,188	LF	36" RC PIPE CULVERTS, CLASS IV	345.6	LF	MASONRY DRAINAGE STRUCTURES
212	LF	*** HDPE PIPE CULVERTS (15")	1	EA	FRAME WITH GRATE, STD 840.**** (840.22)
104	LF	*** HDPE PIPE CULVERTS (18")	1	EA	FRAME WITH GRATE, STD 840.**** (840.24)
124	LF	*** HDPE PIPE CULVERTS (24")	31	EA	FRAME WITH TWO GRATES, STD 840.16
244	LF	*** HDPE PIPE CULVERTS (30")	9	EA	FRAME WITH TWO GRATES, STD 840.20
60	LF	*** HDPE PIPE CULVERTS (36")	23	EA	FRAME WITH TWO GRATES, STD 840.22
240	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500")	9	EA	FRAME WITH TWO GRATES, STD 840.24
240	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500")	9	EA	FRAME WITH TWO GRATES, STD 840.29
6,921	LF	PIPE REMOVAL	41	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			68	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			69	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			22	EA	FRAME WITH COVER, STD 840.54
			22	EA	STEEL FRAME WITH TWO GRATES, STD 840.37

33	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	17	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
1,120	LF	**L**" CONCRETE CURB & GUTTER (2'-9")	9	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
4,990	LF	1'-6" CONCRETE CURB & GUTTER	10	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
23,450	LF	2'-6" CONCRETE CURB & GUTTER	2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
2,350	LF	SHOULDER BERM GUTTER	2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
800	LF	CONCRETE EXPRESSWAY GUTTER	4	EA	SIGN ERECTION, LOGO MILEAGE PANEL TO SIGN
7,600	SY	4" CONCRETE SIDEWALK	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE *****
80	EA	CONCRETE CURB RAMPS			(108+00 -L-)
100	SY	6" CONCRETE DRIVEWAY	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE *****
75	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			(113+00 -L- LT)
6,175	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE *****
250	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			(116+50 -L-)
2	EA	GENERIC PAVING ITEM SPECIAL VEHICLE ACCESS FOR CONCRETE ISLAND	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE *****
6	EA	ADJUSTMENT OF CATCH BASINS			(121+50 -L- LT)
8	EA	ADJUSTMENT OF MANHOLES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE *****
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			(620' N OF EXT ED SIGN I-73 NB/I-74 WB/US 220 NB)
2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE *****
1	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET	29	EA	DISPOSAL OF SUPPORT, STEEL BEAM
3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	2	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING OPEN THROAT CATCH BASIN TO JUNCTION BOX	17	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
6,800	LF	STEEL BEAM GUARDRAIL	177	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
600	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	8	EA	DISPOSAL OF SUPPORT, U-CHANNEL
2	EA	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	12	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
10	EA	ADDITIONAL GUARDRAIL POSTS	3	EA	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)
1	EA	GUARDRAIL END UNITS, TYPE AT-1	2	EA	DISPOSAL OF SIGN, D, E OR F
17	EA	GUARDRAIL END UNITS, TYPE CAT-1	1	EA	GENERIC SIGNING ITEM SIGN ERECTION, RELOCATE, LOGO BUSINESS PANEL
10	EA	GUARDRAIL ANCHOR UNITS, TYPE III	2	EA	GENERIC SIGNING ITEM SIGN ERECTION, RELOCATE, LOGO TRAILBLAZER
19	EA	GUARDRAIL END UNITS, TYPE TL-3	3	EA	GENERIC SIGNING ITEM STOCKPILE OF SIGN, LOGO TRAILBLAZER
6	EA	GUARDRAIL END UNITS, TYPE TL-2	905	SF	WORK ZONE SIGNS (STATIONARY)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	4,657	SF	WORK ZONE SIGNS (PORTABLE)
4,500	LF	REMOVE EXISTING GUARDRAIL	417	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
875	LF	TEMPORARY STEEL BEAM GUARDRAIL	7	EA	FLASHING ARROW BOARD
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III MODIFIED)	5	EA	PORTABLE CHANGEABLE MESSAGE SIGN
3	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (CAT-1)	688	EA	DRUMS
1	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)	40	EA	HIGH VISIBILITY DRUMS
5	EA	TEMPORARY ADDITIONAL GUARDRAIL POSTS	75	EA	CONES
4,500	LF	WOVEN WIRE FENCE, *** FABRIC (48")	840	LF	BARRICADES (TYPE III)
270	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	88	LF	PEDESTRIAN CHANNELIZING DEVICES
110	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	182	DAY	FLAGGER
800	TON	RIP RAP, CLASS I	7	EA	TEMPORARY CRASH CUSHIONS
300	TON	RIP RAP, CLASS II	1	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
1,625	TON	RIP RAP, CLASS B	6	EA	TMA
8,350	SY	GEOTEXTILE FOR DRAINAGE	4,000	LF	PORTABLE CONCRETE BARRIER
14	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	522	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
4	CY	PLAIN CONCRETE SIGN FOUNDATIONS	512	HR	LAW ENFORCEMENT
132	CY	OVERHEAD FOOTING	60	EA	SKINNY DRUM
15,465	LB	SUPPORTS, BREAKAWAY STEEL BEAM	8	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
3,378	LB	SUPPORTS, SIMPLE STEEL BEAM	2	EA	GENERIC TRAFFIC CONTROL ITEM SIGNS, COVERING
4,825	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	1	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS
7	EA	SIGN ERECTION, TYPE D	1	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
288	EA	SIGN ERECTION, TYPE E	2,320	EA	TEMPORARY RAISED PAVEMENT MARKERS
22	EA	SIGN ERECTION, TYPE F	31,309	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
6	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	51,197	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
4	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)			

3,212	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	2,474	LF	12" WATER LINE
7,733	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	17,790	LB	DUCTILE IRON WATER PIPE FITTINGS
1,790	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	3	EA	2" VALVE
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	2	EA	4" VALVE
248	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	13	EA	6" VALVE
2,028	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	3	EA	8" VALVE
607	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)	3	EA	12" VALVE
544	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)	3	EA	6" TAPPING SLEEVE & VALVE
6	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)	1	EA	8" TAPPING SLEEVE & VALVE
296,520	LF	PAINT PAVEMENT MARKING LINES (4")	2	EA	2" AIR RELEASE VALVE
93,436	LF	PAINT PAVEMENT MARKING LINES (6")	1	EA	2" BLOW OFF
32,932	LF	PAINT PAVEMENT MARKING LINES (8")	2	EA	*** WATER METER (1")
13,808	LF	PAINT PAVEMENT MARKING LINES (12")	2	EA	2" WATER METER
5,198	LF	PAINT PAVEMENT MARKING LINES (24")	16	EA	RELOCATE WATER METER
289	EA	PAINT PAVEMENT MARKING SYMBOL	7	EA	RECONNECT WATER METER
715	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"	4	EA	FIRE HYDRANT
280	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"	1	EA	RELOCATE FIRE HYDRANT
20,560	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	61	LF	FIRE HYDRANT LEG
1,834	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	187	LF	*** WATER SERVICE LINE (1")
411	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	68	LF	*** WATER SERVICE LINE (1-1/2")
925	LF	REMOVAL OF PAVEMENT MARKING LINES (12")	486	LF	*** WATER SERVICE LINE (2")
225	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	11	LF	*** WATER SERVICE LINE (4")
11	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	143	LF	WATER SERVICE LINE
724	EA	PERMANENT RAISED PAVEMENT MARKERS	2,738	LF	8" SANITARY GRAVITY SEWER
1,100	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	576	LF	2" FORCE MAIN SEWER
3	EA	7' U-CHANNEL POSTS	4	EA	SANITARY SEWER CLEAN-OUT
3	EA	OBJECT MARKERS (END OF ROAD)	170	LF	SEWER SERVICE LINE
1	EA	120' HIGH MOUNT STANDARD	24	EA	4' DIA UTILITY MANHOLE
8.2	CY	HIGH MOUNT FOUNDATIONS	135	LF	UTILITY MANHOLE WALL 4' DIA
358	LF	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 3")	2,020	LF	ABANDON 6" UTILITY PIPE
220	LF	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 4")	3,833	LF	ABANDON 8" UTILITY PIPE
260	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	2,393	LF	ABANDON 12" UTILITY PIPE
548	LF	** #8 W/G FEEDER CIRCUIT (2)	14	EA	REMOVE WATER METER
140	LF	** #6 W/G FEEDER CIRCUIT (2)	4	EA	REMOVE FIRE HYDRANT
1,740	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	10	EA	ABANDON UTILITY MANHOLE
2,190	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	2	EA	REMOVE UTILITY MANHOLE
1	EA	ELECTRICAL JUNCTION BOXES ***** (HM36)	412	LF	16" ENCASEMENT PIPE
9	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)	95	LF	18" ENCASEMENT PIPE
2	EA	ELECTRICAL JUNCTION BOXES ***** (IG36)	316	LF	24" ENCASEMENT PIPE
Lump Sum	LS	PORTABLE LIGHTING	325	LF	BORE AND JACK OF *** (16")
Lump Sum	LS	GENERIC LIGHTING ITEM LUMINAIRE STORAGE	95	LF	BORE AND JACK OF *** (18")
8	EA	GENERIC LIGHTING ITEM REINSTALL HIGH MAST LUMINAIRE	243	LF	BORE AND JACK OF *** (24")
1	EA	GENERIC LIGHTING ITEM REMOVE 120' HIGH MAST STANDARD	65	LF	DIRECTIONAL DRILLING OF *** (1")
1	EA	GENERIC LIGHTING ITEM REMOVE 120' HIGH MAST STANDARD FOUNDATION	246	LF	DIRECTIONAL DRILLING OF *** (2")
2,774	LF	6" WATER LINE	50,615	LF	TEMPORARY SILT FENCE
1,294	LF	8" WATER LINE	2,980	TON	STONE FOR EROSION CONTROL, CLASS A
			8,720	TON	STONE FOR EROSION CONTROL, CLASS B
			5,270	TON	SEDIMENT CONTROL STONE
			63	ACR	TEMPORARY MULCHING
			3,700	LB	SEED FOR TEMPORARY SEEDING
			20	TON	FERTILIZER FOR TEMPORARY SEEDING
			3,035	LF	TEMPORARY SLOPE DRAINS
			3,720	LF	SAFETY FENCE
			26,720	CY	SILT EXCAVATION
			158,500	SY	MATTING FOR EROSION CONTROL
			787	SY	COIR FIBER MAT
			365	SY	PERMANENT SOIL REINFORCEMENT MAT
			6,540	LF	1/4" HARDWARE CLOTH
			2,500	SY	LOW PERMEABILITY GEOTEXTILE
			245	LF	*** TEMPORARY PIPE (36")

6	EA	SPECIAL STILLING BASINS	38	EA	SIGN FOR SIGNALS
2,240	LB	FLOCCULANT	36	EA	TYPE II PEDESTAL WITH FOUNDATION
1,700	LF	COIR FIBER WATTLE	7	EA	SIGNAL CABINET FOUNDATION
4,270	LF	COIR FIBER BAFFLE	7	EA	CONTROLLERS WITH CABINET (***** (2070LX, BASE MOUNTED)
40	EA	*** SKIMMER (1-1/2")	43	EA	DETECTOR CARD (TYPE 170)
1	EA	*** SKIMMER (2")	7	EA	CABINET BASE EXTENDER
63	ACR	SEEDING & MULCHING	8	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
32	ACR	MOWING	12	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES
800	LB	SEED FOR REPAIR SEEDING	1	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTOR - SINGLE ZONE
2.5	TON	FERTILIZER FOR REPAIR SEEDING	4	EA	GENERIC SIGNAL ITEM REMOVE 900MHZ RADIO
1,550	LB	SEED FOR SUPPLEMENTAL SEEDING			CULVERT ITEMS
46	TON	FERTILIZER TOPDRESSING	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (53+99.00 -L-)
110	LF	IMPERVIOUS DIKE	Lump Sum	LS	BOX CULVERT EXCAVATION, STA ***** (53+99.00 -L-)
25	MHR	SPECIALIZED HAND MOWING	180.8	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
20	MHR	MANUAL LITTER REMOVAL	268.8	CY	CLASS A CONCRETE (CULVERT)
6	TON	LITTER DISPOSAL	54,043	LB	REINFORCING STEEL (CULVERT)
100	EA	RESPONSE FOR EROSION CONTROL			WALL ITEMS
22	EA	CONCRETE WASHOUT STRUCTURE	320	CY	FOUNDATION EXCAVATION (RETAINING WALL)
172	CY	CULVERT DIVERSION CHANNEL	51.1	CY	CLASS A CONCRETE (RETAINING WALL)
14	ACR	REFORESTATION	5,899	LB	REINFORCING STEEL (RETAINING WALL)
1,746	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT	2,349	SF	MSE RETAINING WALL NO **** (1)
582	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1	3,155	SF	MSE RETAINING WALL NO **** (2)
36	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	19,994	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL NO -NW3.1B-)
22,200	LF	SIGNAL CABLE	12,277	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL
4	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)			STRUCTURE ITEMS
107	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+94.17 -Y-)
27	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	Lump Sum	LS	ASBESTOS ASSESSMENT
4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	128	LF	PILE EXCAVATION IN SOIL
4,585	LF	MESSENGER CABLE (1/4")	133	LF	PILE EXCAVATION NOT IN SOIL
6,600	LF	MESSENGER CABLE (3/8")	9,129	SF	REINFORCED CONCRETE DECK SLAB
3,010	LF	TRACER WIRE	10,093.7	SF	GROOVING BRIDGE FLOORS
50	LF	PAVED TRENCHING (***** (2, 2")	164.7	CY	CLASS A CONCRETE (BRIDGE)
2,375	LF	UNPAVED TRENCHING (***** (1, 2")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+94.17 -Y-)
2,135	LF	UNPAVED TRENCHING (***** (2, 2")	28,818	LB	REINFORCING STEEL (BRIDGE)
225	LF	UNPAVED TRENCHING (***** (4, 2")	430,500	LS	APPROX LBS STRUCTURAL STEEL
50	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN	26	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
625	LF	DIRECTIONAL DRILL (***** (1, 2")	780	LF	HP 12 X 53 STEEL PILES
1,400	LF	DIRECTIONAL DRILL (***** (2, 2")	26	EA	STEEL PILE POINTS
4	EA	JUNCTION BOX (***** (SPECIAL OVER-SIZED HEAVY DUTY)	1	EA	DYNAMIC PILE TESTING
68	EA	JUNCTION BOX (STANDARD SIZE)	312.1	LF	THREE BAR METAL RAIL
30	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	59	SY	4" SLOPE PROTECTION
24	EA	WOOD POLE	Lump Sum	LS	ELASTOMERIC BEARINGS
77	EA	GUY ASSEMBLY	Lump Sum	LS	FOAM JOINT SEALS
8	EA	1" RISER WITH WEATHERHEAD	181	LF	GENERIC STRUCTURE ITEM EPOXY RESIN INJECTION
16	EA	2" RISER WITH WEATHERHEAD	506.7	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
6	EA	2" RISER WITH HEAT SHRINK TUBING	11.3	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH
6,250	LF	INDUCTIVE LOOP SAWCUT	60.4	CF	GENERIC STRUCTURE ITEM CONCRETE REPAIRS
20,200	LF	LEAD-IN CABLE (14-2)	90.3	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
7,735	LF	COMMUNICATIONS CABLE (** FIBER) (24)	235.2	CF	GENERIC STRUCTURE ITEM SHOTCRETE REPAIRS
3,080	LF	DROP CABLE			
6	EA	SPLICE ENCLOSURE			
7	EA	INTERCONNECT CENTER			
20	EA	DELINEATOR MARKER			
3	EA	900MHZ SERIAL/ETHERNET SPREAD SPECTRUM RADIO			
1	EA	MODIFY RADIO INSTALLATION			
28	EA	METAL STRAIN SIGNAL POLE			
28	EA	SOIL TEST			
168	CY	DRILLED PIER FOUNDATION			

433.8	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
217.2	SF	GENERIC STRUCTURE ITEM EPOXY COATING
48.5	SY	GENERIC STRUCTURE ITEM CONCRETE MEDIAN REPLACEMENT
236	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
232	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING OF LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH
236	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L240716 003

CONTRACT ID: C204948 45924.3.1

DIV OFFICE SHELBY

LENGTH = 12.350 MI

COUNTY : IREDELL

PAVEMENT REHABILITATION.

DBE GOAL 6.00% COMPLETION DATE : NOV 01, 2026

I-77 FROM MILEMARKER 36.5 TO MILEMARKER 48.85.

		ROADWAY ITEMS				
				195	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE
Lump Sum	LS	MOBILIZATION		307	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
2,000	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT SLABS		4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
225	SY	GENERIC GRADING ITEM REMOVAL OF EXISTING ASPHALT/CONCRETE ISLAND		55	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
8,745	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW		300,000	LF	PAINT PAVEMENT MARKING LINES (6")
500	CY	SHALLOW UNDERCUT		5,500	LF	PAINT PAVEMENT MARKING LINES (12")
1,500	TON	CLASS IV SUBGRADE STABILIZATION		26	LF	PAINT PAVEMENT MARKING LINES (24")
2,000	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION		22	EA	PAINT PAVEMENT MARKING SYMBOL
1,000	TON	INCIDENTAL STONE BASE		5,600	LF	POLYUREA PAVEMENT MARKING LINES (**", ***) MILS) (12", 30 MILS)
51.35	SMI	SHOULDER RECONSTRUCTION		333,325	LF	POLYUREA PAVEMENT MARKING LINES (**", ***) MILS) (6", 30 MILS)
137,305	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (0-5/8")		4,150	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
25,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")		78	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
9,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")		7	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
21,500	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")		1,970	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
1,250	SY	INCIDENTAL MILLING		Lump Sum	LS	PORTABLE LIGHTING
1,879	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		2	EA	JUNCTION BOX (STANDARD SIZE)
135	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		528	LF	INDUCTIVE LOOP SAWCUT
71,246	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D		400	LF	LEAD-IN CABLE (14-2)
26	TON	ASPHALT BINDER FOR PLANT MIX				
4,995	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX				
2,125	TON	PATCHING EXISTING PAVEMENT				
16,298.67	TON	ULTRA-THIN BONDED WEARING COURSE				
260,832	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)				
4,500	SY	GENERIC PAVING ITEM PAVEMENT INTERLAYER				
450	SY	4" CONCRETE ISLAND COVER				
225	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)				
9,100	LF	STEEL BEAM GUARDRAIL				
500	LF	TRIPLE CORRUGATED STEEL BEAM GUARDRAIL				
4	EA	W-TR STEEL BEAM GUARDRAIL TRANSITION SECTIONS				
100	EA	ADDITIONAL GUARDRAIL POSTS				
75	EA	GUARDRAIL END UNITS, TYPE CAT-1				
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III				
200	EA	GUARDRAIL END UNITS, TYPE TL-3				
167,337	LF	REMOVE & RESET EXISTING GUARDRAIL				
10	EA	GENERIC GUARDRAIL ITEM REMOVE AND RESET EXISTING GUARDRAIL END UNIT				
464	SF	WORK ZONE SIGNS (STATIONARY)				
10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS				
28	EA	WORK ZONE PRESENCE LIGHTING				
24	EA	SEQUENTIAL FLASHING WARNING LIGHTS				
4,716	HR	LAW ENFORCEMENT				
2	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM				
5	EA	GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE				
20	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES				
2	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL				

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240716

004

CONTRACT ID : C204884

49623.3.1

DIV OFFICE SYLVA

LENGTH = 0.693 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 4.00% COMPLETION DATE : APR 01, 2028

I-40 FROM 0.348 MILES WEST OF SR-1550 (INCINERATOR RD) TO 0.345 MILES EAST OF SR-1550 (INCINERATOR RD).

ROADWAY ITEMS						
			800	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	
Lump Sum	LS	MOBILIZATION	100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	
Lump Sum	LS	CONSTRUCTION SURVEYING	14,700	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	5	EA	RIGHT-OF-WAY MARKERS	
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	44.8	CY	SUBDRAIN EXCAVATION	
87,000	CY	UNCLASSIFIED EXCAVATION	200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	
450	CY	UNDERCUT EXCAVATION	33.6	CY	SUBDRAIN COARSE AGGREGATE	
42,000	CY	BORROW EXCAVATION	200	LF	6" PERFORATED SUBDRAIN PIPE	
8	EA	EMBANKMENT SETTLEMENT GAUGES	1	EA	SUBDRAIN PIPE OUTLET	
800	CY	DRAINAGE DITCH EXCAVATION	6	LF	6" OUTLET PIPE	
14,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1.4	CY	ENDWALLS	
400	CY	SELECT GRANULAR MATERIAL	1.608	CY	PIPE COLLARS	
700	SY	GEOTEXTILE FOR SOIL STABILIZATION	53	CY	FLOWABLE FILL	
2,000	SF	TEMPORARY SHORING	48	EA	MASONRY DRAINAGE STRUCTURES	
370	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	16.4	LF	MASONRY DRAINAGE STRUCTURES	
1,160	SY	FOUNDATION CONDITIONING GEOTEXTILE	8	EA	FRAME WITH TWO GRATES, STD 840.20	
180	LF	*** SIDE DRAIN PIPE (30")	2	EA	FRAME WITH TWO GRATES, STD 840.22	
736	LF	15" SIDE DRAIN PIPE	2	EA	FRAME WITH COVER, STD 840.54	
112	LF	24" SIDE DRAIN PIPE	32	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	
16	EA	*** SIDE DRAIN PIPE ELBOWS (15")	2	EA	GENERIC DRAINAGE ITEM FRAME WITH COVER, STD 840.55.	
2	EA	*** SIDE DRAIN PIPE ELBOWS (24")	1,700	LF	SHOULDER BERM GUTTER	
2	EA	*** SIDE DRAIN PIPE ELBOWS (30")	120	SY	4" CONCRETE PAVED DITCH	
52	LF	30" RC PIPE CULVERTS, CLASS III	2	EA	CONCRETE BARRIER TRANSITION SECTION	
1,176	LF	15" RC PIPE CULVERTS, CLASS IV	3,000	LF	VARIABLE HEIGHT CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE, 2'-7" MAX BIFURCATION)	
568	LF	24" RC PIPE CULVERTS, CLASS IV	360	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	
128	LF	6" CS PIPE CULVERTS, 0.064" THICK (SPRING BOX)	5,000	LF	STEEL BEAM GUARDRAIL	
8	LF	24" CS PIPE CULVERTS, 0.064" THICK	10	EA	ADDITIONAL GUARDRAIL POSTS	
2	EA	*** CS PIPE ELBOWS, ***** THICK (6", 0.064")	4	EA	GUARDRAIL END UNITS, TYPE CAT-1	
72	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (15", 0.250")	6	EA	GUARDRAIL END UNITS, TYPE TL-3	
72	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (15", 0.250")	4	EA	GUARDRAIL END UNITS, TYPE TL-2	
72	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (15", 0.250")	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	
396	LF	PIPE REMOVAL	3,700	LF	REMOVE EXISTING GUARDRAIL	
Lump Sum	LS	FINE GRADING	3,000	LF	WOVEN WIRE FENCE, 47" FABRIC	
100	CY	SHALLOW UNDERCUT	170	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	
200	TON	CLASS IV SUBGRADE STABILIZATION	75	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	
400	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	1	EA	DOUBLE GATES, *** HIGH, ** WIDE, ** OPENING (40", 12', 24')	
6,600	TON	AGGREGATE BASE COURSE	360	TON	RIP RAP, CLASS I	
100	TON	INCIDENTAL STONE BASE	40	TON	RIP RAP, CLASS II	
3,900	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")	220	TON	RIP RAP, CLASS B	
17,000	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (2-1/4")	2,228	SY	GEOTEXTILE FOR DRAINAGE	
1,300	SY	INCIDENTAL MILLING	4	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	
18,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	2,696	LB	SUPPORTS, SIMPLE STEEL BEAM	
7,900	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	350	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	16	EA	SIGN ERECTION, TYPE E	
6,800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	1	EA	SIGN ERECTION, TYPE F	
1,240	TON	ASPHALT BINDER FOR PLANT MIX	2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	
440	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	
			2	EA	SIGN ERECTION, MILEMARKERS	

3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)	300	LB	SEED FOR REPAIR SEEDING
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	0.75	TON	FERTILIZER FOR REPAIR SEEDING
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	375	LB	SEED FOR SUPPLEMENTAL SEEDING
6	EA	DISPOSAL OF SUPPORT, U-CHANNEL	11	TON	FERTILIZER TOPDRESSING
340	SF	WORK ZONE SIGNS (STATIONARY)	230	LF	IMPERVIOUS DIKE
110	SF	HIGH VISIBILITY STATIONARY SIGNS	10	MHR	SPECIALIZED HAND MOWING
210	SF	HIGH VISIBILITY PORTABLE SIGNS	10	MHR	MANUAL LITTER REMOVAL
160	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	2	TON	LITTER DISPOSAL
2	EA	FLASHING ARROW BOARD	150	EA	RESPONSE FOR EROSION CONTROL
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	4	EA	CONCRETE WASHOUT STRUCTURE
200	EA	HIGH VISIBILITY DRUMS	50	CY	CULVERT DIVERSION CHANNEL
18	EA	SEQUENTIAL FLASHING WARNING LIGHTS	3	ACR	REFORESTATION
88	LF	BARRICADES (TYPE III)	3,279	LF	TRACER WIRE
2	EA	TEMPORARY CRASH CUSHIONS	100	LF	UNPAVED TRENCHING (***** (2, 2"))
2	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	3,179	LF	DIRECTIONAL DRILL (***** (2, 2"))
2	EA	TMA	6	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
9,240	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			CULVERT ITEMS
6,700	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (189+78.72 -L-)
2,920	LF	TEMPORARY GLARE SCREEN	Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM DEPLOYMENT	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (189+78.72 -L-)
1	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM	Lump Sum	LS	BOX CULVERT EXCAVATION, STA ***** (188+14.00 -L-)
2	EA	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM RELOCATION	150	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
15	DAY	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM	355.7	CY	CLASS A CONCRETE (CULVERT)
340	EA	TEMPORARY RAISED PAVEMENT MARKERS	49,810	LB	REINFORCING STEEL (CULVERT)
4,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	Lump Sum	LS	GENERIC CULVERT ITEM CAST-IN-PLACE REINFORCED FOOTING FOR PRECAST CULVERT
14,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINFORCED CONCRETE THREE SIDED CULVERT AT STA 189+78.72 -L-
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			WALL ITEMS
5,960	LF	PAINT PAVEMENT MARKING LINES (4")	693.3	SF	MSE RETAINING WALL NO **** (1)
28,450	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"	984.5	SF	MSE RETAINING WALL NO **** (2)
9,900	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	345.7	SF	MSE RETAINING WALL NO **** (3)
3,900	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	573.7	SF	MSE RETAINING WALL NO **** (4)
80	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER			
Lump Sum	LS	PORTABLE LIGHTING			
296	LF	6" FORCE MAIN SEWER			
375	LB	DUCTILE IRON SEWER PIPE FITTINGS			
300	LF	ABANDON 6" UTILITY PIPE			
Lump Sum	LS	GENERIC UTILITY ITEM MODIFY EXISTING UTILITY MANHOLE			
11,600	LF	TEMPORARY SILT FENCE			
350	TON	STONE FOR EROSION CONTROL, CLASS A			
2,880	TON	STONE FOR EROSION CONTROL, CLASS B			
1,430	TON	SEDIMENT CONTROL STONE			
27	ACR	TEMPORARY MULCHING			
1,100	LB	SEED FOR TEMPORARY SEEDING			
5.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
875	LF	TEMPORARY SLOPE DRAINS			
440	LF	SAFETY FENCE			
4,990	CY	SILT EXCAVATION			
19,550	SY	MATTING FOR EROSION CONTROL			
100	SY	COIR FIBER MAT			
2,855	LF	1/4" HARDWARE CLOTH			
2	EA	SPECIAL STILLING BASINS			
1,760	LB	FLOCCULANT			
1,130	LF	COIR FIBER WATTLE			
85	LF	COIR FIBER BAFFLE			
15	ACR	SEEDING & MULCHING			
18	ACR	MOWING			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240716

005

CONTRACT ID: C204865 49624.3.1

DIV OFFICE SYLVA

LENGTH = 0.813 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND STRUCTURE

DBE GOAL 4.00% COMPLETION DATE : DEC 15, 2028

BRIDGE #430243 OVER NC-215 (CHAMPION DRIVE) ON I-40.

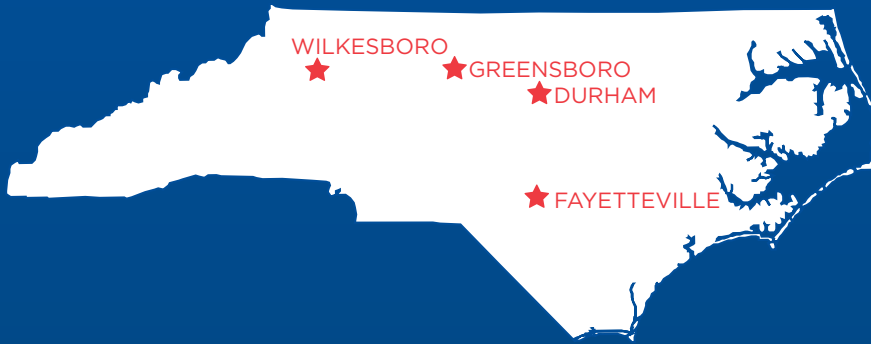
		ROADWAY ITEM			
			1,800	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	MOBILIZATION	600	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	CONSTRUCTION SURVEYING	1,100	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	17,200	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	89.6	CY	SUBDRAIN EXCAVATION
60,000	CY	UNCLASSIFIED EXCAVATION	400	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
900	CY	UNDERCUT EXCAVATION	67.2	CY	SUBDRAIN COARSE AGGREGATE
1,410	CY	DRAINAGE DITCH EXCAVATION	400	LF	6" PERFORATED SUBDRAIN PIPE
8,200	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1	EA	SUBDRAIN PIPE OUTLET
800	CY	SELECT GRANULAR MATERIAL	6	LF	6" OUTLET PIPE
1,000	SY	GEOTEXTILE FOR SOIL STABILIZATION	13.4	CY	REINFORCED ENDWALLS
4,000	SF	TEMPORARY SHORING	17	CY	FLOWABLE FILL
Lump Sum	LS	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STA 254+73.75 -L- LT	51	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STA 254+73.75 -L- RT	11.8	CY	MASONRY DRAINAGE STRUCTURES
290	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	23.4	LF	MASONRY DRAINAGE STRUCTURES
970	SY	FOUNDATION CONDITIONING GEOTEXTILE	7	EA	FRAME WITH TWO GRATES, STD 840.22
812	LF	15" SIDE DRAIN PIPE	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
96	LF	18" SIDE DRAIN PIPE	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
68	LF	24" SIDE DRAIN PIPE	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
16	EA	*** SIDE DRAIN PIPE ELBOWS (15")	2	EA	FRAME WITH COVER, STD 840.54
2	EA	*** SIDE DRAIN PIPE ELBOWS (18")	33	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
2	EA	*** SIDE DRAIN PIPE ELBOWS (24")	1,300	LF	2'-6" CONCRETE CURB & GUTTER
140	LF	24" RC PIPE CULVERTS, CLASS III	1,500	LF	SHOULDER BERM GUTTER
1,364	LF	15" RC PIPE CULVERTS, CLASS IV	250	LF	CONCRETE EXPRESSWAY GUTTER
56	LF	18" RC PIPE CULVERTS, CLASS IV	620	SY	4" CONCRETE SIDEWALK
12	LF	*** CS PIPE CULVERTS, ***** THICK (60", 0.109")	6	EA	CONCRETE CURB RAMPS
4	LF	*** CS PIPE CULVERTS, ***** THICK (72", 0.138")	4	EA	CONCRETE BARRIER TRANSITION SECTION
156	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (15", 0.250")	3,350	LF	VARIABLE HEIGHT CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE, 2'-7" MAX BIFURCATION)
156	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (15", 0.250")	300	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
471	LF	PIPE REMOVAL	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE
Lump Sum	LS	FINE GRADING	4,500	LF	STEEL BEAM GUARDRAIL
8	TON	#57 STONE	275	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
200	CY	SHALLOW UNDERCUT	10	EA	ADDITIONAL GUARDRAIL POSTS
400	TON	CLASS IV SUBGRADE STABILIZATION	8	EA	GUARDRAIL END UNITS, TYPE CAT-1
600	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	8	EA	GUARDRAIL END UNITS, TYPE TL-3
5,400	TON	AGGREGATE BASE COURSE	10	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
100	TON	INCIDENTAL STONE BASE	5,000	LF	REMOVE EXISTING GUARDRAIL
3,500	CY	SHOULDER BORROW	25	LF	TEMPORARY STEEL BEAM GUARDRAIL
8,000	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
29,500	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2-1/4")	700	LF	WOVEN WIRE FENCE, 47" FABRIC
2,500	SY	INCIDENTAL MILLING	40	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
26,500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	40	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
10,900	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	300	TON	RIP RAP, CLASS I
1,400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	700	TON	RIP RAP, CLASS II
9,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	200	TON	RIP RAP, CLASS B
			3,200	SY	GEOTEXTILE FOR DRAINAGE

4	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	4	EA	8" VALVE
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	67	LF	6" FORCE MAIN SEWER
3,184	LB	SUPPORTS, BREAKAWAY STEEL BEAM	300	LB	DUCTILE IRON SEWER PIPE FITTINGS
1,534	LB	SUPPORTS, SIMPLE STEEL BEAM	64	LF	ABANDON 6" UTILITY PIPE
1,000	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	91	LF	ABANDON 8" UTILITY PIPE
5	EA	SIGN ERECTION, TYPE D	15,520	LF	TEMPORARY SILT FENCE
24	EA	SIGN ERECTION, TYPE E	700	TON	STONE FOR EROSION CONTROL, CLASS A
11	EA	SIGN ERECTION, TYPE F	7,000	TON	STONE FOR EROSION CONTROL, CLASS B
7	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	3,100	TON	SEDIMENT CONTROL STONE
		(A)	18.6	ACR	TEMPORARY MULCHING
4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	1,100	LB	SEED FOR TEMPORARY SEEDING
		(B)	6.5	TON	FERTILIZER FOR TEMPORARY SEEDING
4	EA	SIGN ERECTION, MILEMARKERS	2,300	LF	TEMPORARY SLOPE DRAINS
2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)	650	LF	SAFETY FENCE
		(A)	15,720	CY	SILT EXCAVATION
4	EA	DISPOSAL OF SUPPORT, STEEL BEAM	45,000	SY	MATTING FOR EROSION CONTROL
4	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	100	SY	COIR FIBER MAT
36	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3,260	LF	1/4" HARDWARE CLOTH
750	SF	HIGH VISIBILITY STATIONARY SIGNS	200	SY	LOW PERMEABILITY GEOTEXTILE
250	SF	WORK ZONE SIGNS (PORTABLE)	110	LF	*** TEMPORARY PIPE (18")
320	SF	HIGH VISIBILITY PORTABLE SIGNS	4	EA	SPECIAL STILLING BASINS
50	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	3,260	LB	FLOCCULANT
2	EA	FLASHING ARROW BOARD	1,650	LF	COIR FIBER WATTLE
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	1,625	LF	COIR FIBER BAFFLE
30	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	4	EA	*** SKIMMER (1-1/2")
190	EA	HIGH VISIBILITY DRUMS	2	EA	*** SKIMMER (2")
18	EA	SEQUENTIAL FLASHING WARNING LIGHTS	20	ACR	SEEDING & MULCHING
32	LF	BARRICADES (TYPE III)	10	ACR	MOWING
54	LF	PEDESTRIAN CHANNELIZING DEVICES	300	LB	SEED FOR REPAIR SEEDING
180	DAY	FLAGGER	1.25	TON	FERTILIZER FOR REPAIR SEEDING
7	EA	TEMPORARY CRASH CUSHIONS	575	LB	SEED FOR SUPPLEMENTAL SEEDING
6	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	17.25	TON	FERTILIZER TOPDRESSING
1	EA	TMA	25	LF	IMPERVIOUS DIKE
12,060	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	10	MHR	SPECIALIZED HAND MOWING
8,400	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	6	MHR	MANUAL LITTER REMOVAL
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM DEPLOYMENT	1	TON	LITTER DISPOSAL
1	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM	150	EA	RESPONSE FOR EROSION CONTROL
1	EA	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM RELOCATION	4	EA	CONCRETE WASHOUT STRUCTURE
9	DAY	GENERIC TRAFFIC CONTROL ITEM DYNAMIC ZIPPER MERGE SYSTEM	0.1	ACR	REFORESTATION
950	EA	TEMPORARY RAISED PAVEMENT MARKERS	3,782	LF	TRACER WIRE
3,510	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	3,782	LF	DIRECTIONAL DRILL (*****)(2, 2")
24,490	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	8	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
2,670	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	1	EA	METAL POLE FOUNDATION REMOVAL
90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	1	EA	METAL POLE REMOVAL
20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			WALL ITEMS
5,460	LF	PAINT PAVEMENT MARKING LINES (4")	3,470	SF	MSE RETAINING WALL NO **** (1)
1,410	LF	PAINT PAVEMENT MARKING LINES (6")	3,560	SF	MSE RETAINING WALL NO **** (2)
110	LF	PAINT PAVEMENT MARKING LINES (12")			STRUCTURE ITEMS
120	LF	PAINT PAVEMENT MARKING LINES (24")	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (254+73.75 -L- RT)
35,130	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"	9,618	SF	REINFORCED CONCRETE DECK SLAB
2,960	LF	WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"	13,732	SF	GROOVING BRIDGE FLOORS
4	EA	PERMANENT RAISED PAVEMENT MARKERS	210.7	CY	CLASS A CONCRETE (BRIDGE)
350	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (254+73.75 -L- LT)
Lump Sum	LS	PORTABLE LIGHTING	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (254+73.75 -L- RT)
103	LF	8" WATER LINE	9,618	SF	REINFORCED CONCRETE DECK SLAB
1,440	LB	DUCTILE IRON WATER PIPE FITTINGS	13,732	SF	GROOVING BRIDGE FLOORS
			210.7	CY	CLASS A CONCRETE (BRIDGE)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (254+73.75 -L- LT)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (254+73.75 -L- RT)
			27,534	LB	REINFORCING STEEL (BRIDGE)

1,076.84	LF	FIB *** PRESTRESSED CONCRETE GIRDERS (36")
30	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
1,950	LF	HP 14 X 73 STEEL PILES
425.1	LF	CONCRETE BARRIER RAIL
76	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS



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. For questions, please email: ccu@ncdot.gov or call: 984-810-9276.

