



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 JULY 18, 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 JUNE 20, 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	Howard Cox, PE	FAYETTEVILLE	(910) 486-1493
007	Wright Archer, III, PE	GREENSBORO	(336) 487-0000
008	Patrick Norman, 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 Austin, PE	SYLVA	(828) 586-2141

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

Bid Letting Number: L230718

RPN Contract Id	WBS	County	Length	Job Type
002	C204833 47988.3.1	NEW HANOVER, PENDER	12.992 MI	PAVEMENT REHABILITATION AND STRUCTURES.
003	C204725 45983.3.1	NASH	0.487 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C204820 47994.3.2	NASH	9.470 MI	PAVEMENT REHABILITATION.
005	C204786 50168.3.1	WAKE	2.460 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
006	C204764 47749.3.2	ROBESON	0.231 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
*007	C204176 44475.3.1	MECKLENBURG	0.000 MI	GRADING, DRAINAGE, AND CULVERT.
008	C204738 49909.3.1	MCDOWELL	5.940 MI	PAVEMENT REHABILITATION.
009	C204715 17BP.14.R.212, ETC.	JACKSON	0.428 MI	GRADING, DRAINAGE, PAVING, BIKE LANES, SIDEWALK, & STRUCTURE

*NOTE: C204176 MECKLENBURG P-5705A HAS A MANDATORY PRE-BID CONFERENCE ON WEDNESDAY, JUNE 28, 2023 AT 10:00AM AT NCDOT COUNTY MAINTENANCE YARD (PAW CREEK) 6820 ROZZELLES FERRY ROAD, CHARLOTTE, NC 28214. CONTACT: DOUG HORRELL 919-630-5489

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L230718

002

CONTRACT ID: C204833 47988.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 12.992 MI

COUNTY : NEW HANOVER, PENDER

PAVEMENT REHABILITATION AND STRUCTURES.

DBE GOAL 3.00 % COMPLETION DATE : SEP 15, 2025

I-40 FROM MM-420 TO MM-408 AT NC-210.

ROADWAY ITEMS					
			584	SF	WORK ZONE SIGNS (STATIONARY)
			4	EA	FLASHING ARROW BOARD
Lump Sum	LS	MOBILIZATION			
73.61	SMI	SHOULDER RECONSTRUCTION			
15,986	TON	AGGREGATE SHOULDER BORROW			
61,867	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	8	EA	PORTABLE CHANGEABLE MESSAGE SIGN
778,046	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")	4	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
42,735	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")	16	EA	WORK ZONE PRESENCE LIGHTING
53,388	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (1-1/4" TO 2-1/4")	34	EA	SEQUENTIAL FLASHING WARNING LIGHTS
65,736	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	2	EA	TMA
4,778	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	1,200	HR	LAW ENFORCEMENT
17,422	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	71	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURE
272,020	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	800	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE
18	CY	FLOWABLE FILL	48,815	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
9	EA	GENERIC DRAINAGE ITEM DROP INLET REPAIR	421,882	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
13	EA	GENERIC DRAINAGE ITEM REMOVE & REPLACE CONCRETE APRON FOR DROP INLET	1,275	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
95	LF	GENERIC PAVING ITEM REMOVE & REPLACE SHOULDER BERM GUTTER	10,240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
1,922.5	LF	STEEL BEAM GUARDRAIL	215	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
9	EA	GUARDRAIL END UNITS, TYPE CAT-1	45	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
8	EA	GUARDRAIL END UNITS, TYPE TL-3	1,320	LF	PAINT PAVEMENT MARKING LINES (4")
11,746	LF	REMOVE & RESET EXISTING GUARDRAIL	214,940	LF	PAINT PAVEMENT MARKING LINES (6")
512	LF	REMOVE EXISTING GUIDERAIL	2,340	LF	PAINT PAVEMENT MARKING LINES (12")
195	LF	CABLE GUIDERAIL	760	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2	EA	CABLE GUIDERAIL ANCHOR UNITS	550	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
3,372	LF	GENERIC GUARDRAIL ITEM REMOVE AND REPLACE EXISTING GUARDRAIL	400	LF	GENERIC PAVEMENT MARKING ITEM REMOVAL OF PAVEMENT MARKING LINES FROM MONOLITHIC ISLANDS
25	EA	GENERIC GUARDRAIL ITEM GUARDRAIL PREFAB POSTS	66	EA	PERMANENT RAISED PAVEMENT MARKERS
16	EA	GENERIC GUARDRAIL ITEM REMOVE & REPLACE GUARDRAIL END UNIT, TYPE CAT-1	2,368	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
26	EA	GENERIC GUARDRAIL ITEM REMOVE & REPLACE GUARDRAIL END UNIT, TYPE TL-3	Lump Sum	LS	PORTABLE LIGHTING
11	EA	GENERIC GUARDRAIL ITEM REMOVE & RESET GUARDRAIL END UNIT, TYPE TL-3	1,000	LF	TEMPORARY SILT FENCE
11	EA	GENERIC GUARDRAIL ITEM REMOVE & RESET GUARDRAIL END UNITS, TYPE CAT-1	360	LF	SAFETY FENCE
7	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	10	CY	SILT EXCAVATION
2	CY	PLAIN CONCRETE SIGN FOUNDATIONS	500	SY	MATTING FOR EROSION CONTROL
6,831	LB	SUPPORTS, BREAKAWAY STEEL BEAM	500	LF	WATTLE
1,263	LB	SUPPORTS, SIMPLE STEEL BEAM	1	ACR	SEEDING & MULCHING
17	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	6	EA	CONCRETE WASHOUT STRUCTURE
14	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	80	LF	UNPAVED TRENCHING (***** (1, 2"))
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	75	LF	DIRECTIONAL DRILL (***** (1, 2"))
1	EA	DISPOSAL OF SUPPORT, OVERHEAD STRUCTURE	2	EA	JUNCTION BOX (STANDARD SIZE)
14	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1	EA	GENERIC SIGNAL ITEM 10KVA SINGLE PHASE TRANSFORMER
17	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	3	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE
			1	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
			1	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER
			1	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE (DUAL DMS)
			2	EA	GENERIC SIGNAL ITEM DYNAMIC MESSAGE SIGN (TYPE 2C)
			1	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT
			1	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL
			1	EA	GENERIC SIGNAL ITEM MODIFY SOLAR POWER ASSEMBLY

1 EA GENERIC SIGNAL ITEM
 REMOVAL AND DISPOSAL OF EXISTING
 DMS COMPONENTS
 90 LF GENERIC SIGNAL ITEM
 #4 SOLID BARE COPPER GROUNDING
 CONDUCTOR
 80 LF GENERIC SIGNAL ITEM
 4-WIRE COPPER FEEDER CONDUCTORS
 12 CY GENERIC SIGNAL ITEM
 OVERHEAD FOOTING
STRUCTURE ITEMS
 35,387 SF GROOVING BRIDGE FLOORS
 62.4 SY CLASS II, SURFACE PREPARATION
 4.8 CF CONCRETE REPAIRS
 16 LF EPOXY RESIN INJECTION
 339 LF GENERIC STRUCTURE ITEM
 EXPANSION JOINT SEAL REPAIR
 565 LF GENERIC STRUCTURE ITEM
 FOAM JOINT SEALS FOR PRESERVATION
 912 LF GENERIC STRUCTURE ITEM
 SILICONE JOINT SEALANT FOR SLOPE
 PROTECTION
 4,000 LB GENERIC STRUCTURE ITEM
 APPROACH SLAB VOID FILLING
 6,000 LB GENERIC STRUCTURE ITEM
 SLOPE PROTECTION VOID FILLING
 2,644 SF GENERIC STRUCTURE ITEM
 EPOXY COATING
 4,211 SY GENERIC STRUCTURE ITEM
 PLACING AND FINISHING POLYMER
 CONCRETE OVERLAY
 4,211 SY GENERIC STRUCTURE ITEM
 SCARIFYING BRIDGE DECK
 4,211 SY GENERIC STRUCTURE ITEM
 SHOTBLASTING BRIDGE DECK
 14 EA GENERIC STRUCTURE ITEM
 EXPANSION BEARING REPAIR (EBR)
 28 EA GENERIC STRUCTURE ITEM
 RETAINER RING (RR)
 60 EA GENERIC STRUCTURE ITEM
 WEEP HOLE FILTERS

***** BEGIN SCHEDULE AA*****

***** (2 ALTERNATES) *****

116.8 CY GENERIC STRUCTURE ITEM
 POLYESTER POLYMER CONCRETE MATERIALS

*** OR ***

116.8 CY GENERIC STRUCTURE ITEM
 EPOXY POLYMER CONCRETE MATERIALS

*** END SCHEDULE AA***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L230718

003

CONTRACT ID : C204725 45983.3.1

DIV OFFICE WILSON

LENGTH = 0.487 MI

COUNTY : NASH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.00 % COMPLETION DATE : JAN 28, 2026

BRIDGE #630091 OVER TAR RIVER ON NC-581.

ROADWAY ITEMS			74	TON	RIP RAP, CLASS B
Lump Sum	LS	MOBILIZATION	1,070	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	CONSTRUCTION SURVEYING	13.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (23+90.50 -L REV-)	40.33	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
300	CY	UNDERCUT EXCAVATION	81.67	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	SIGN ERECTION, TYPE D
Lump Sum	LS	GRADING	8	EA	SIGN ERECTION, TYPE E
49,000	CY	BORROW EXCAVATION	10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
710	CY	DRAINAGE DITCH EXCAVATION	60	SF	WORK ZONE SIGNS (STATIONARY)
300	CY	SELECT GRANULAR MATERIAL, CLASS III	290	SF	WORK ZONE SIGNS (PORTABLE)
700	SY	GEOTEXTILE FOR SOIL STABILIZATION	220	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2,820	SF	TEMPORARY SHORING	110	EA	DRUMS
1,750	SY	REINFORCED SOIL SLOPES	96	LF	BARRICADES (TYPE III)
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	120	DAY	FLAGGER
100	SY	FOUNDATION CONDITIONING GEOTEXTILE	2	EA	TEMPORARY CRASH CUSHIONS
32	LF	15" DRAINAGE PIPE	1,200	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
44	LF	15" SIDE DRAIN PIPE	140	EA	TEMPORARY RAISED PAVEMENT MARKERS
100	LF	18" SIDE DRAIN PIPE	14,120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
72	LF	18" RC PIPE CULVERTS, CLASS IV	60	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
48	LF	15" CS PIPE CULVERTS, 0.064" THICK	6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	2,520	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
55	LF	PIPE REMOVAL	30,000	LF	PAINT PAVEMENT MARKING LINES (4")
100	CY	SHALLOW UNDERCUT	12	EA	PAINT PAVEMENT MARKING CHARACTER
200	TON	CLASS IV SUBGRADE STABILIZATION	10	EA	PERMANENT RAISED PAVEMENT MARKERS
545	TON	AGGREGATE BASE COURSE	50	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
200	TON	INCIDENTAL STONE BASE	6,000	LF	TEMPORARY SILT FENCE
350	SY	INCIDENTAL MILLING	165	TON	STONE FOR EROSION CONTROL, CLASS A
1,960	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	745	TON	STONE FOR EROSION CONTROL, CLASS B
1,260	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	330	TON	SEDIMENT CONTROL STONE
175	TON	ASPHALT BINDER FOR PLANT MIX	11	ACR	TEMPORARY MULCHING
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	700	LB	SEED FOR TEMPORARY SEEDING
3	EA	MASONRY DRAINAGE STRUCTURES	4.5	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	FRAME WITH TWO GRATES, STD 840.29	200	LF	TEMPORARY SLOPE DRAINS
232	LF	SHOULDER BERM GUTTER	640	LF	SAFETY FENCE
1,175	LF	STEEL BEAM GUARDRAIL	1,190	CY	SILT EXCAVATION
5	EA	ADDITIONAL GUARDRAIL POSTS	6,085	SY	MATTING FOR EROSION CONTROL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	160	SY	COIR FIBER MAT
4	EA	GUARDRAIL END UNITS, TYPE TL-3	900	SY	PERMANENT SOIL REINFORCEMENT MAT
776	LF	REMOVE EXISTING GUARDRAIL	585	LF	1/4" HARDWARE CLOTH
600	LF	TEMPORARY STEEL BEAM GUARDRAIL	30	SY	LOW PERMEABILITY GEOTEXTILE
75	LF	TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)	100	SY	FLOATING TURBIDITY CURTAIN
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	145	LB	POLYACRYLAMIDE (PAM)
1	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	265	LF	COIR FIBER BAFFLE
2	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE AT-1	1	EA	*** SKIMMER (2")
1	EA	GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE CAT-1	15	ACR	SEEDING & MULCHING
186	TON	RIP RAP, CLASS I	9	ACR	MOWING
50	TON	RIP RAP, CLASS II	150	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			300	LB	SEED FOR SUPPLEMENTAL SEEDING
			9	TON	FERTILIZER TOPDRESSING

260	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
5	MHR	MANUAL LITTER REMOVAL
1	TON	LITTER DISPOSAL
25	EA	RESPONSE FOR EROSION CONTROL
4	EA	CONCRETE WASHOUT STRUCTURE
0.1	ACR	REFORESTATION
		STRUCTURE ITEMS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (23+90.50 -L REV-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+90.50 -L REV-)
Lump Sum	LS	ASBESTOS ASSESSMENT
65.67	LF	**'-**" DIA DRILLED PIERS IN SOIL (4'-6")
76	LF	**'-**" DIA DRILLED PIERS NOT IN SOIL (4'-6")
4	EA	SPT TESTING
1	EA	CSL TESTING
12,072	SF	REINFORCED CONCRETE DECK SLAB
11,687	SF	GROOVING BRIDGE FLOORS
151.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+90.50 -L REV-)
39,500	LB	REINFORCING STEEL (BRIDGE)
5,535	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
433	LF	HP 12 X 53 STEEL PILES
641.67	LF	TWO BAR METAL RAIL
656.67	LF	1'-**" X ***** CONCRETE PARAPET (1'-2" X 2'-6")
975	TON	RIP RAP CLASS II (2'-0" THICK)
1,083	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,306.02	LF	GENERIC STRUCTURE ITEM 72" PRESTRESSED FLORIDA I-BEAM

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L230718

004

CONTRACT ID : C204820 47994.3.2

DIV OFFICE WILSON

LENGTH = 9.470 MI

COUNTY : NASH

PAVEMENT REHABILITATION.

DBE GOAL 5.00 % COMPLETION DATE : OCT 01, 2025

US-64 (FUTURE I-87) FROM SR-1306 (SOUTH OLD FRANKLIN RD) TO SR-1603 (OLD CARRIAGE RD).

ROADWAY ITEMS					
			5,520	HR	LAW ENFORCEMENT
Lump Sum	LS	MOBILIZATION	4	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE
Lump Sum	LS	CONSTRUCTION SURVEYING	24	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES
21,200	CY	UNCLASSIFIED EXCAVATION	12	EA	GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL
70	CY	BORROW EXCAVATION	206	EA	GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE
22,400	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	234,380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
19,700	SY	GEOTEXTILE FOR SOIL STABILIZATION	10,430	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
2	ACR	GENERIC GRADING ITEM SELECTIVE CLEARING AND GRUBBING	130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	37	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
101	SY	FOUNDATION CONDITIONING GEOTEXTILE	3,800	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
112	LF	15" RC PIPE CULVERTS, CLASS IV	234,380	LF	PAINT PAVEMENT MARKING LINES (6")
152	LF	18" RC PIPE CULVERTS, CLASS IV	10,430	LF	PAINT PAVEMENT MARKING LINES (12")
16	LF	24" RC PIPE CULVERTS, CLASS IV	130	LF	PAINT PAVEMENT MARKING LINES (24")
16	LF	30" RC PIPE CULVERTS, CLASS IV	37	EA	PAINT PAVEMENT MARKING SYMBOL
16	LF	36" RC PIPE CULVERTS, CLASS IV	3,770	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
280	LF	PIPE REMOVAL	1,825	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
Lump Sum	LS	FINE GRADING	200	LF	TEMPORARY SILT FENCE
7,300	CY	SHALLOW UNDERCUT	630	TON	SEDIMENT CONTROL STONE
10,400	TON	CLASS IV SUBGRADE STABILIZATION	200	LF	SAFETY FENCE
1,000	TON	INCIDENTAL STONE BASE	5,040	LF	1/4" HARDWARE CLOTH
8.57	SMI	SHOULDER RECONSTRUCTION	5,040	LF	WATTLE
6,870	TON	AGGREGATE SHOULDER BORROW	12.6	ACR	SEEDING & MULCHING
31,130	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	5	EA	RESPONSE FOR EROSION CONTROL
330,300	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-3/4")	5	EA	CONCRETE WASHOUT STRUCTURE
10,600	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (2-3/4" TO 6")	500	LF	INDUCTIVE LOOP SAWCUT
18,220	SY	INCIDENTAL MILLING			
18,970	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
9,380	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
53,430	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D			
1,370	TON	ASPHALT BINDER FOR PLANT MIX			
4,400	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX			
16,090	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED			
185,490	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
13,835	CY	PIPE COLLARS			
70	CY	FLOWABLE FILL			
1	EA	MASONRY DRAINAGE STRUCTURES			
2	LF	MASONRY DRAINAGE STRUCTURES			
60	EA	FRAME WITH TWO GRATES, STD 840.22			
59	EA	GENERIC DRAINAGE ITEM CONCRETE APRON			
3,611	SY	4" CONCRETE PAVED DITCH			
4,350	LF	STEEL BEAM GUARDRAIL			
10	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL END UNITS, TYPE CAT-1			
42	EA	GUARDRAIL END UNITS, TYPE TL-3			
2,600	LF	REMOVE & RESET EXISTING GUARDRAIL			
6,500	LF	REMOVE EXISTING GUARDRAIL			
464	SF	WORK ZONE SIGNS (STATIONARY)			
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L230718

005

CONTRACT ID: C204786 50168.3.1

DIV OFFICE DURHAM

LENGTH = 2.460 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 5.00 % COMPLETION DATE : NOV 11, 2027

US-401 AT SR-2044 (LIGON MILL RD)/SR-2224 (MITCHELL MILL RD) AND SR-2006 (PERRY CREEK RD).

ROADWAY ITEMS			100	LF	GENERIC PIPE ITEM
Lump Sum	LS	MOBILIZATION	5,330	LF	30" X 19" ELLIPTICAL RC PIPE, CLASS V
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	PIPE REMOVAL
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	LS	PIPE CLEAN OUT
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	10,243	CY	FINE GRADING
94,100	CY	UNCLASSIFIED EXCAVATION	30,825	TON	SHALLOW UNDERCUT
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION	500	TON	CLASS IV SUBGRADE STABILIZATION
		***** (24+88.00 -L- NBL)	3,320	TON	STABILIZER AGGREGATE
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION	50	TON	AGGREGATE BASE COURSE
		***** (24+88.00 -L- SBL)	3,146	GAL	INCIDENTAL STONE BASE
1,500	CY	UNDERCUT EXCAVATION	121,750	SY	PRIME COAT
6,710	CY	DRAINAGE DITCH EXCAVATION	3,120	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
180	LF	BERM DITCH CONSTRUCTION	2,100	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
19,390	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	2,100	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
15	HR	PROOF ROLLING	14,090	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1,000	CY	SELECT GRANULAR MATERIAL	17,670	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
60,162	SY	GEOTEXTILE FOR SOIL STABILIZATION	5,150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
975	SF	TEMPORARY SHORING	20,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
800	SY	GENERIC GRADING ITEM GEOTEXTILE FOR ROCK PLATING AND RIP RAP BUTTRESS, TYPE 2	3,030	TON	ASPHALT BINDER FOR PLANT MIX
1,200	TON	GENERIC GRADING ITEM PLAIN RIP RAP, CLASS B	120	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
20	TON	SELECT MATERIAL, CLASS ***** (IV)	186	EA	RIGHT-OF-WAY MARKERS
2,087	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	70	EA	CONTROL-OF-ACCESS MARKERS
7,223	SY	FOUNDATION CONDITIONING GEOTEXTILE	336	CY	SUBDRAIN EXCAVATION
9,812	LF	***" RC PIPE CULVERTS, CLASS ***** (15", V)	168	CY	SUBDRAIN FINE AGGREGATE
3,340	LF	***" RC PIPE CULVERTS, CLASS ***** (18", V)	1,000	LF	6" PERFORATED SUBDRAIN PIPE
1,208	LF	***" RC PIPE CULVERTS, CLASS ***** (24", V)	2	EA	SUBDRAIN PIPE OUTLET
896	LF	***" RC PIPE CULVERTS, CLASS ***** (30", V)	12	LF	6" OUTLET PIPE
116	LF	***" RC PIPE CULVERTS, CLASS ***** (36", V)	20	TON	BLOTTING SAND
1,156	LF	***" RC PIPE CULVERTS, CLASS ***** (48", V)	24.2	CY	ENDWALLS
368	LF	***" RC PIPE CULVERTS, CLASS ***** (72", V)	34.8	CY	REINFORCED ENDWALLS
304	LF	***" RC PIPE CULVERTS, CLASS ***** (78", V)	1.2	CY	PIPE COLLARS
92	LF	*****" RC PIPE CULVERTS, CLASS IV (48")	673	CY	FLOWABLE FILL
648	LF	30" RC PIPE CULVERTS, CLASS IV	210	EA	MASONRY DRAINAGE STRUCTURES
508	LF	15" CS PIPE CULVERTS, 0.064" THICK	35.3	CY	MASONRY DRAINAGE STRUCTURES
188	LF	24" CS PIPE CULVERTS, 0.064" THICK	120.4	LF	MASONRY DRAINAGE STRUCTURES
48	LF	30" CS PIPE CULVERTS, 0.079" THICK	1	EA	FRAME WITH GRATE, STD 840.24
14	EA	***" CS PIPE ELBOWS, *****" THICK (15", 0.064")	47	EA	FRAME WITH TWO GRATES, STD 840.16
6	EA	***" CS PIPE ELBOWS, *****" THICK (24", 0.064")	2	EA	FRAME WITH TWO GRATES, STD 840.20
2	EA	***" CS PIPE ELBOWS, *****" THICK (30", 0.079")	2	EA	FRAME WITH TWO GRATES, STD 840.22
130	LF	***" WELDED STEEL PIPE, *****" THICK, GRADE B IN SOIL (48", 0.500")	19	EA	FRAME WITH TWO GRATES, STD 840.24
440	LF	***" WELDED STEEL PIPE, *****" THICK, GRADE B IN SOIL (78", 0.500")	2	EA	FRAME WITH TWO GRATES, STD 840.29
130	LF	***" WELDED STEEL PIPE, *****" THICK, GRADE B NOT IN SOIL (48", 0.500")	14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
440	LF	***" WELDED STEEL PIPE, *****" THICK, GRADE B NOT IN SOIL (78", 0.500")	56	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			61	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	FRAME WITH COVER, STD 840.54
			3	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
			49	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			1,160	LF	***" X ***" CONCRETE CURB (8" X 18")

4,730	LF	**.*" CONCRETE CURB & GUTTER (2'-9")	1,920	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
15,610	LF	2'-6" CONCRETE CURB & GUTTER	1,875	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
140	LF	CONCRETE VALLEY GUTTER	16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
1,310	SY	4" CONCRETE SIDEWALK	200	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
30	EA	CONCRETE CURB RAMPS	14	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,190	SY	4" CONCRETE ISLAND COVER	1,720	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
4,810	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	1	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
2,160	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	102,250	LF	PAINT PAVEMENT MARKING LINES (4")
1	EA	ADJUSTMENT OF DROP INLETS	8,315	LF	PAINT PAVEMENT MARKING LINES (8")
2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	1,230	LF	PAINT PAVEMENT MARKING LINES (24")
1	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET	155	EA	PAINT PAVEMENT MARKING SYMBOL
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	3,950	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	335	EA	PERMANENT RAISED PAVEMENT MARKERS
3,812.5	LF	STEEL BEAM GUARDRAIL	1,959	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
50	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	2	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
2	EA	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	150	LF	8" WATER LINE
10	EA	ADDITIONAL GUARDRAIL POSTS	50	LF	12" WATER LINE
2	EA	GUARDRAIL END UNITS, TYPE AT-1	484	LF	16" WATER LINE
7	EA	GUARDRAIL END UNITS, TYPE CAT-1	7,280	LB	DUCTILE IRON WATER PIPE FITTINGS
9	EA	GUARDRAIL END UNITS, TYPE TL-3	1	EA	6" VALVE
9	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1	EA	16" VALVE
4,160	LF	REMOVE EXISTING GUARDRAIL	1	EA	2" AIR RELEASE VALVE
4,710	LF	WOVEN WIRE FENCE, 47" FABRIC	1	EA	2" BLOW OFF
275	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	13	EA	FIRE HYDRANT
115	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	75	LF	FIRE HYDRANT LEG
3,040	TON	RIP RAP, CLASS I	30	LF	*** WATER SERVICE LINE (2")
310	TON	RIP RAP, CLASS II	1,102	LF	8" SANITARY GRAVITY SEWER
300	TON	RIP RAP, CLASS B	8	EA	4' DIA UTILITY MANHOLE
7,060	SY	GEOTEXTILE FOR DRAINAGE	4	EA	5' DIA UTILITY MANHOLE
36	CY	OVERHEAD FOOTING	16	LF	UTILITY MANHOLE WALL 4' DIA
2,380	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	24	LF	UTILITY MANHOLE WALL 5' DIA
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (43+73.70 -L-)	1,192	LF	ABANDON 8" UTILITY PIPE
7	EA	SIGN ERECTION, TYPE D	446	LF	ABANDON 16" UTILITY PIPE
83	EA	SIGN ERECTION, TYPE E	13	EA	REMOVE FIRE HYDRANT
6	EA	SIGN ERECTION, TYPE F	8	EA	ABANDON UTILITY MANHOLE
6	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	2	EA	REMOVE UTILITY MANHOLE
100	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	GENERIC UTILITY ITEM 12" INSERTION VALVE
240	SF	WORK ZONE SIGNS (STATIONARY)	1	EA	GENERIC UTILITY ITEM 16" INSERTION VALVE
682	SF	WORK ZONE SIGNS (PORTABLE)	1	EA	GENERIC UTILITY ITEM 8" INSERTION VALVE
78	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1	EA	GENERIC UTILITY ITEM REMOVE BLOW-OFF VALVE
4	EA	FLASHING ARROW BOARD	20	LF	GENERIC UTILITY ITEM 10" SPLIT ENCASEMENT PIPE
6	EA	PORTABLE CHANGEABLE MESSAGE SIGN	34,000	LF	TEMPORARY SILT FENCE
235	EA	DRUMS	1,440	TON	STONE FOR EROSION CONTROL, CLASS A
25	EA	CONES	3,005	TON	STONE FOR EROSION CONTROL, CLASS B
224	LF	BARRICADES (TYPE III)	3,475	TON	SEDIMENT CONTROL STONE
52	DAY	FLAGGER	69.5	ACR	TEMPORARY MULCHING
4	EA	TEMPORARY CRASH CUSHIONS	3,400	LB	SEED FOR TEMPORARY SEEDING
2	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	18.5	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	TMA	500	LF	TEMPORARY SLOPE DRAINS
460	LF	PORTABLE CONCRETE BARRIER	1,000	LF	SAFETY FENCE
640	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	7,000	CY	SILT EXCAVATION
150	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER	131,000	SY	MATTING FOR EROSION CONTROL
80	HR	LAW ENFORCEMENT	100	SY	COIR FIBER MAT
50	EA	SKINNY DRUM	100	SY	PERMANENT SOIL REINFORCEMENT MAT
395	EA	TEMPORARY RAISED PAVEMENT MARKERS	7,700	LF	1/4" HARDWARE CLOTH
63,995	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	3,000	SY	FLOATING TURBIDITY CURTAIN
9,090	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	7	EA	SPECIAL STILLING BASINS

2,500	LF	COIR FIBER WATTLE	11	EA	METAL STRAIN SIGNAL POLE
2,100	LB	POLYACRYLAMIDE (PAM)	7	EA	METAL POLE WITH SINGLE MAST ARM
1,350	LF	COIR FIBER BAFFLE	1	EA	METAL POLE WITH DUAL MAST ARM
7	EA	*** SKIMMER (1-1/2")	19	EA	SOIL TEST
1	EA	*** SKIMMER (2")	152	CY	DRILLED PIER FOUNDATION
54	ACR	SEEDING & MULCHING	8	EA	MAST ARM WITH METAL POLE DESIGN
48	ACR	MOWING	76	EA	SIGN FOR SIGNALS
700	LB	SEED FOR REPAIR SEEDING	3	EA	TYPE I POST WITH FOUNDATION
2	TON	FERTILIZER FOR REPAIR SEEDING	26	EA	TYPE II PEDESTAL WITH FOUNDATION
1,250	LB	SEED FOR SUPPLEMENTAL SEEDING	9	EA	SIGNAL CABINET FOUNDATION
37.5	TON	FERTILIZER TOPDRESSING	9	EA	CONTROLLERS WITH CABINET (*****) (2070, LX BASE MTD)
525	LF	IMPERVIOUS DIKE	68	EA	DETECTOR CARD (TYPE 170)
10	MHR	SPECIALIZED HAND MOWING	9	EA	CABINET BASE EXTENDER
27	MHR	MANUAL LITTER REMOVAL	4	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
3.5	TON	LITTER DISPOSAL	9	EA	GENERIC SIGNAL ITEM DELINEATOR MARKER
100	EA	RESPONSE FOR EROSION CONTROL	4	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
6	EA	CONCRETE WASHOUT STRUCTURE	9	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (6-FIBER)
0.1	ACR	REFORESTATION	9	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
145	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE	9	EA	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE
290	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	850	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE
23	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			WALL ITEMS
27,800	LF	SIGNAL CABLE	84,042	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL)
130	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	25,785	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO NW4
2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	4,845	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO NW6
7	EA	BACKPLATE	17,625	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO NW7
400	LF	MESSENGER CABLE (1/4")			STRUCTURE ITEMS
4,050	LF	MESSENGER CABLE (3/8")			
7,400	LF	TRACER WIRE			
350	LF	PAVED TRENCHING (*****) (1, 2")	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+88.00 -L- NBL)
7,950	LF	UNPAVED TRENCHING (*****) (1, 2")	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+88.00 -L- SBL)
3,375	LF	UNPAVED TRENCHING (*****) (2, 2")	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+88.00 -L- NBL)
475	LF	UNPAVED TRENCHING (*****) (3, 2")	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+88.00 -L- SBL)
1,200	LF	DIRECTIONAL DRILL (*****) (1, 2")	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+88.00 -L- SBL)
2,500	LF	DIRECTIONAL DRILL (*****) (2, 2")	Lump Sum	LS	ASBESTOS ASSESSMENT
1	EA	JUNCTION BOX (*****) (SPECIAL OVERSIZED, 36" X 24" X 24")	Lump Sum	LS	ASBESTOS ASSESSMENT
45	EA	JUNCTION BOX (STANDARD SIZE)	327.2	LF	***_***" DIA DRILLED PIERS IN SOIL (4'-6")
58	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	108.6	LF	***_***" DIA DRILLED PIERS NOT IN SOIL (4'-6")
9	EA	WOOD POLE	99.6	LF	PERMANENT STEEL CASING FOR ***_***" DIA DRILLED PIER (4'-6")
19	EA	GUY ASSEMBLY	2	EA	PDA TESTING
1	EA	1/2" RISER WITH WEATHERHEAD	6	EA	SID INSPECTIONS
2	EA	1" RISER WITH WEATHERHEAD	6	EA	SPT TESTING
4	EA	2" RISER WITH WEATHERHEAD	6	EA	CSL TESTING
3	EA	HEAT SHRINK TUBING RETROFIT KIT			
8	EA	2" RISER WITH HEAT SHRINK TUBING	13,926	SF	REINFORCED CONCRETE DECK SLAB
7,200	LF	INDUCTIVE LOOP SAWCUT	32,592.4	SF	GROOVING BRIDGE FLOORS
36,500	LF	LEAD-IN CABLE (*****) (14-2)	217.8	CY	CLASS A CONCRETE (BRIDGE)
11	EA	SITE SURVEY	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+88.00 -L- NBL)
16	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+88.00 -L- SBL)
4	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT	58,238	LB	REINFORCING STEEL (BRIDGE)
4,000	LF	COMMUNICATIONS CABLE (** FIBER) (24)	16,870	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
4,200	LF	COMMUNICATIONS CABLE (** FIBER) (48)	675	LF	45" PRESTRESSED CONCRETE GIRDERS
6	EA	SPLICE ENCLOSURE	1,088.44	LF	54" PRESTRESSED CONCRETE GIRDERS
5	EA	MODIFY SPLICE ENCLOSURE	14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
9	EA	INTERCONNECT CENTER	515	LF	HP 12 X 53 STEEL PILES
12	EA	DELINEATOR MARKER			
6,350	LF	REMOVE EXISTING COMMUNICATIONS CABLE			

14	EA	STEEL PILE POINTS
8	EA	PILE REDRIVES
577.66	LF	TWO BAR METAL RAIL
641.12	LF	CONCRETE BARRIER RAIL
592.66	LF	1'-**" X ***** CONCRETE PARAPET (1'-2" X 2'-6")
33	SY	CLASS II, SURFACE PREPARATION
467	TON	RIP RAP CLASS II (2'-0" THICK)
518	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1	CF	CONCRETE REPAIRS
225	LF	EPOXY RESIN INJECTION
9	SF	EPOXY MORTAR REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
1	CY	GENERIC STRUCTURE ITEM FLOWABLE FILL (PRESERVATION)
820	SF	GENERIC STRUCTURE ITEM EPOXY COATING AND DEBRIS REMOVAL
1,100	SF	GENERIC STRUCTURE ITEM EPOXY COATING CONCRETE GIRDER ENDS
33	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY
3,849.6	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING POLYMER CONCRETE OVERLAY
3,849.6	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
3,849.6	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
80	EA	GENERIC STRUCTURE ITEM BRIDGE JACKING (TYPE II)
60	EA	GENERIC STRUCTURE ITEM PLUGGING OF EXISTING DECK DRAINS

***** BEGIN SCHEDULE AA*****

***** (2 ALTERNATES) *****

117.6	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS
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*** OR ***

117.6	CY	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS
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*** END SCHEDULE AA***

CONTRACT ID : C204764 47749.3.2

DIV OFFICE FAYETTEVILLE

LENGTH = 0.231 MI

COUNTY : ROBESON

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 2.00 % COMPLETION DATE : OCT 28, 2025

BRIDGE #770125 OVER THE LUMBER RIVER ON NC-41/72.

ROADWAY ITEMS

			1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	MOBILIZATION	175	LF	STEEL BEAM GUARDRAIL
Lump Sum	LS	CONSTRUCTION SURVEYING	5	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (23+56.00 -L1-)	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
Lump Sum	LS	GRADING	2	EA	GUARDRAIL END UNITS, TYPE TL-2
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	3	EA	GENERIC FENCING ITEM REMOVE AND RESET BOLLARDS
	200	CY UNDERCUT EXCAVATION	15	TON	RIP RAP, CLASS I
	200	CY SELECT GRANULAR MATERIAL	5	TON	RIP RAP, CLASS B
	350	SY GEOTEXTILE FOR SOIL STABILIZATION	1,250	SY	GEOTEXTILE FOR DRAINAGE
	400	SY ROCK PLATING	317	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	50	TON GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	2	EA	SIGN ERECTION, TYPE D
	60	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	15	EA	SIGN ERECTION, TYPE E
	190	SY FOUNDATION CONDITIONING GEOTEXTILE	1	EA	SIGN ERECTION, TYPE F
	196	LF 15" DRAINAGE PIPE	2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
	2	EA *** DRAINAGE PIPE ELBOWS (15")	3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
	164	LF 15" RC PIPE CULVERTS, CLASS III	14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	88	LF 18" RC PIPE CULVERTS, CLASS III	3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
	100	LF 72" RC PIPE CULVERTS, CLASS III	1,090	SF	WORK ZONE SIGNS (STATIONARY)
	137	LF PIPE REMOVAL	430	SF	WORK ZONE SIGNS (PORTABLE)
	50	CY SHALLOW UNDERCUT	450	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	100	TON CLASS IV SUBGRADE STABILIZATION	2	EA	FLASHING ARROW BOARD
	125	TON INCIDENTAL STONE BASE	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
	3,320	SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	3	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
	1,000	SY MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	142	EA	DRUMS
	100	SY INCIDENTAL MILLING	216	LF	BARRICADES (TYPE III)
	440	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	108	LF	PEDESTRIAN CHANNELIZING DEVICES
	520	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	60	DAY	FLAGGER
	820	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1	EA	TMA
	95	TON ASPHALT BINDER FOR PLANT MIX	120	HR	LAW ENFORCEMENT
	250	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	4,241	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	14.2	CY REINFORCED ENDWALLS	588	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
	0.045	CY PIPE PLUGS	207	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
	8	EA MASONRY DRAINAGE STRUCTURES	12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
	0.3	LF MASONRY DRAINAGE STRUCTURES	20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
	1	EA FRAME WITH GRATE, STD 840.29	889	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
	4	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
	2	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	4,840	LF	PAINT PAVEMENT MARKING LINES (4")
	1	EA FRAME WITH COVER, STD 840.54	950	LF	PAINT PAVEMENT MARKING LINES (8")
	2	EA GENERIC DRAINAGE ITEM DRAINAGE STRUCTURE CLEANOUT	200	LF	PAINT PAVEMENT MARKING LINES (24")
	210	LF *** X *** CONCRETE CURB (9" X 12")	45	EA	PAINT PAVEMENT MARKING CHARACTER
	1,580	LF 2'-6" CONCRETE CURB & GUTTER	30	EA	PAINT PAVEMENT MARKING SYMBOL
	820	SY 4" CONCRETE SIDEWALK	133	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	10	EA CONCRETE CURB RAMPS	4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
	40	SY 6" CONCRETE DRIVEWAY	103	EA	PERMANENT RAISED PAVEMENT MARKERS
	10	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	Lump Sum	LS	PORTABLE LIGHTING
	3	EA ADJUSTMENT OF MANHOLES	2,420	LF	TEMPORARY SILT FENCE

115	TON	STONE FOR EROSION CONTROL, CLASS A	2	EA	SIGN FOR SIGNALS
60	TON	STONE FOR EROSION CONTROL, CLASS B	4	EA	TYPE I POST WITH FOUNDATION
375	TON	SEDIMENT CONTROL STONE	1	EA	TYPE II PEDESTAL WITH FOUNDATION
1.5	ACR	TEMPORARY MULCHING	1	EA	SIGNAL CABINET FOUNDATION
100	LB	SEED FOR TEMPORARY SEEDING	1	EA	CONTROLLERS WITH CABINET ***** (2070LX, BASED MOUNTED)
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
200	LF	TEMPORARY SLOPE DRAINS	18	EA	DETECTOR CARD (TYPE 170)
1,580	LF	SAFETY FENCE	1	EA	CABINET BASE EXTENDER
90	CY	SILT EXCAVATION			
3,600	SY	MATTING FOR EROSION CONTROL			
1,125	SY	COIR FIBER MAT	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (23+56.00 -L1-)
335	LF	1/4" HARDWARE CLOTH			
130	LF	*** TEMPORARY PIPE (18")	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+56.00 -L1-)
270	SY	FLOATING TURBIDITY CURTAIN			
13	EA	SPECIAL STILLING BASINS	Lump Sum	LS	ASBESTOS ASSESSMENT
200	LF	COIR FIBER WATTLE	744.66	LF	*** DIA DRILLED PIERS (4'-0")
1.5	ACR	SEEDING & MULCHING	240	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
0.75	ACR	MOWING	1	EA	PDA TESTING
50	LB	SEED FOR REPAIR SEEDING	2	EA	SID INSPECTIONS
0.25	TON	FERTILIZER FOR REPAIR SEEDING	2	EA	SPT TESTING
50	LB	SEED FOR SUPPLEMENTAL SEEDING	2	EA	CSL TESTING
1	TON	FERTILIZER TOPDRESSING			
147	LF	IMPERVIOUS DIKE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (23+56.00 -L1-)
10	MHR	SPECIALIZED HAND MOWING	15,733	SF	REINFORCED CONCRETE DECK SLAB
2	MHR	MANUAL LITTER REMOVAL	12,653	SF	GROOVING BRIDGE FLOORS
1	TON	LITTER DISPOSAL	200.7	CY	CLASS A CONCRETE (BRIDGE)
18	EA	RESPONSE FOR EROSION CONTROL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+56.00 -L1-)
2	EA	CONCRETE WASHOUT STRUCTURE			
14	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE	77,529	LB	REINFORCING STEEL (BRIDGE)
42	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	20,088	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
4	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	20	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
3,410	LF	SIGNAL CABLE	1,550	LF	HP 12 X 53 STEEL PILES
20	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	10	EA	PILE REDRIVES
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	246	TON	RIP RAP CLASS II (2'-0" THICK)
330	LF	MESSENGER CABLE (3/8")	274	SY	GEOTEXTILE FOR DRAINAGE
90	LF	PAVED TRENCHING (***** (1, 2")	Lump Sum	LS	ELASTOMERIC BEARINGS
10	LF	PAVED TRENCHING (***** (2, 2")	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA ***** (23+56.00 -L1-)
20	LF	PAVED TRENCHING (***** (3, 2")	1,755.19	LF	GENERIC STRUCTURE ITEM 45" PRESTRESSED FLORIDA I-BEAM
80	LF	UNPAVED TRENCHING (***** (1, 2")	586.67	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
20	LF	UNPAVED TRENCHING (***** (2, 2")			
20	LF	UNPAVED TRENCHING (***** (4, 2")			
10	LF	UNPAVED TRENCHING (***** (6, 2")			
70	LF	DIRECTIONAL DRILL (***** (3, 2")			
70	LF	DIRECTIONAL DRILL (***** (4, 2")			
4	EA	JUNCTION BOX (STANDARD SIZE)			
5	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)			
2	EA	WOOD POLE			
2	EA	GUY ASSEMBLY			
1,280	LF	INDUCTIVE LOOP SAWCUT			
2,790	LF	LEAD-IN CABLE (***** (14-2)			
2	EA	SITE SURVEY			
3	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT			
2	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT			
1	EA	MODIFY RADIO INSTALLATION			
2	EA	METAL POLE WITH DUAL MAST ARM			
2	EA	SOIL TEST			
12	CY	DRILLED PIER FOUNDATION			
2	EA	MAST ARM WITH METAL POLE DESIGN			

STRUCTURE ITEMS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L230718

007

CONTRACT ID: C204176 44475.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.000 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, AND CULVERT.

DBE GOAL 4.00 % COMPLETION DATE : DEC 28, 2025

CHARLOTTE GATEWAY STATION - RAIL (STI); WYE CONNECTION TRACK AT CHARLOTTE JUNCTION.

ROADWAY ITEMS			10 DAY	FLAGGER	
Lump Sum	LS	MOBILIZATION	20	LF	PORTABLE CONCRETE BARRIER
Lump Sum	LS	CONSTRUCTION SURVEYING	3	EA	OBJECT MARKERS (END OF ROAD)
Lump Sum	LS	FIELD OFFICE	268	LF	*** WATER LINE (64")
300	DAY	GENERIC MISCELLANEOUS ITEM RAILROAD CONTRACTOR PROTECTIVE SERVICES	450	LF	12" SANITARY GRAVITY SEWER
Lump Sum	LS	GRADING	3	EA	4' DIA UTILITY MANHOLE
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	10	LF	UTILITY MANHOLE WALL 4' DIA
2,750	CY	UNDERCUT EXCAVATION	294	LF	ABANDON *** UTILITY PIPE (64")
5	EA	EMBANKMENT SETTLEMENT GAUGES	396	LF	ABANDON 10" UTILITY PIPE
110	CY	DRAINAGE DITCH EXCAVATION	1	EA	REMOVE UTILITY MANHOLE
10	HR	PROOF ROLLING	166	LF	*** ENCASEMENT PIPE (96")
2,000	CY	SELECT GRANULAR MATERIAL	186	LF	24" ENCASEMENT PIPE
2,300	SY	GEOTEXTILE FOR SOIL STABILIZATION	2	EA	GENERIC UTILITY ITEM 22-1/2 DEGREE STEEL BEND
1,230	SF	TEMPORARY SHORING	2	EA	GENERIC UTILITY ITEM 36" MANWAY WITH 8' X 10' UTILITY VAULT
251	SY	ROCK PLATING	1	EA	GENERIC UTILITY ITEM ANODE TEST STATION
1,500	TON	GENERIC GRADING ITEM HAULING & DISPOSAL OF CONTAMINATED SOIL	7,135	LF	TEMPORARY SILT FENCE
200	TON	GENERIC GRADING ITEM SURGE STONE	255	TON	STONE FOR EROSION CONTROL, CLASS A
1,500	LF	GENERIC GRADING ITEM RAILROAD SIGNAL CONDUIT	975	TON	STONE FOR EROSION CONTROL, CLASS B
70	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	410	TON	SEDIMENT CONTROL STONE
540	SY	FOUNDATION CONDITIONING GEOTEXTILE	12.5	ACR	TEMPORARY MULCHING
24	LF	*** DRAINAGE PIPE (8")	800	LB	SEED FOR TEMPORARY SEEDING
106	LF	*** CAA PIPE CULVERTS, ***** THICK (36", 0.109")	5.5	TON	FERTILIZER FOR TEMPORARY SEEDING
44	LF	GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.532" THICK, GRADE B IN SOIL	200	LF	TEMPORARY SLOPE DRAINS
44	LF	GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.532" THICK, GRADE B NOT IN SOIL	1,300	LF	SAFETY FENCE
36	LF	GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.532" THICK, GRADE B, OPEN CUT	2,930	CY	SILT EXCAVATION
135	LF	PIPE REMOVAL	37,000	SY	MATTING FOR EROSION CONTROL
110	GAL	PRIME COAT	100	SY	COIR FIBER MAT
50	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	440	SY	PERMANENT SOIL REINFORCEMENT MAT
5	TON	ASPHALT BINDER FOR PLANT MIX	435	LF	1/4" HARDWARE CLOTH
9	EA	RIGHT-OF-WAY MARKERS	55	LF	*** TEMPORARY PIPE (18")
168	CY	SUBDRAIN EXCAVATION	2	EA	SPECIAL STILLING BASINS
84	CY	SUBDRAIN FINE AGGREGATE	420	LF	COIR FIBER WATTLE
500	LF	6" PERFORATED SUBDRAIN PIPE	170	LF	COIR FIBER WATTLE BARRIER
1	EA	SUBDRAIN PIPE OUTLET	340	LB	POLYACRYLAMIDE (PAM)
6	LF	6" OUTLET PIPE	475	LF	COIR FIBER BAFFLE
8	CY	FLOWABLE FILL	3	EA	*** SKIMMER (1-1/2")
10.4	CY	GENERIC DRAINAGE ITEM ENDWALLS	1	EA	*** SKIMMER (2")
445	LF	GENERIC FENCING ITEM REMOVE FENCE	12	ACR	SEEDING & MULCHING
1	EA	GENERIC FENCING ITEM GATE	9	ACR	MOWING
840	TON	RIP RAP, CLASS I	150	LB	SEED FOR REPAIR SEEDING
2,155	SY	GEOTEXTILE FOR DRAINAGE	0.25	TON	FERTILIZER FOR REPAIR SEEDING
800	TF	RAILROAD TRACK TO BE REMOVED	250	LB	SEED FOR SUPPLEMENTAL SEEDING
480	EA	GENERIC TRACKWORK ITEM CROSSTIE DISPOSAL	7.5	TON	FERTILIZER TOPDRESSING
6,915	TON	GENERIC TRACKWORK ITEM SUB-BALLAST	51	LF	IMPERVIOUS DIKE
96	SF	WORK ZONE SIGNS (PORTABLE)	10	MHR	SPECIALIZED HAND MOWING
			75	EA	RESPONSE FOR EROSION CONTROL
			5	EA	CONCRETE WASHOUT STRUCTURE
			10	EA	GENERIC EROSION CONTROL ITEM SUPPLEMENTAL RESPONSE FOR EROSION CONTROL

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (21+72.19 -L-)
59	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
20,471	LB	REINFORCING STEEL (CULVERT)
140.7	CY	GENERIC CULVERT ITEM CLASS AA CONCRETE (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L230718

008

CONTRACT ID: C204738 49909.3.1

DIV OFFICE ASHEVILLE

LENGTH = 5.940 MI

COUNTY : MCDOWELL

PAVEMENT REHABILITATION.

DBE GOAL 4.00 % COMPLETION DATE : NOV 15, 2024

I-40 FROM MILEMARKER 67 TO MILEMARKER 73 (OLD FORT MOUNTAIN).

ROADWAY ITEMS			200	LF	STEEL BEAM GUARDRAIL
Lump Sum	LS	MOBILIZATION	10	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	CONSTRUCTION SURVEYING	2	EA	GUARDRAIL END UNITS, TYPE AT-1
Lump Sum	LS	FIELD OFFICE	8	EA	GUARDRAIL END UNITS, TYPE CAT-1
560	CY	UNDERCUT EXCAVATION	15	EA	GUARDRAIL ANCHOR UNITS, TYPE III
400	CY	BORROW EXCAVATION	100	LF	REMOVE EXISTING GUARDRAIL
260	CY	DRAINAGE DITCH EXCAVATION	3	EA	GENERIC GUARDRAIL ITEM REMOVE AND RESET MEDIAN BARRIER REMOVABLE GATE
430	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	400	TON	RIP RAP, CLASS B
1,340	SY	FOUNDATION CONDITIONING GEOTEXTILE	4,000	SY	GEOTEXTILE FOR DRAINAGE
3,968	LF	15" RC PIPE CULVERTS, CLASS IV	7	EA	SUPPORTS, BARRIER (SMALL)
12	LF	18" RC PIPE CULVERTS, CLASS IV	8	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
16	LF	24" RC PIPE CULVERTS, CLASS IV			(E)
112	LF	PIPE REMOVAL	880	SF	WORK ZONE SIGNS (STATIONARY)
1,340	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION	384	SF	WORK ZONE SIGNS (PORTABLE)
310	CY	SHALLOW UNDERCUT	4	EA	FLASHING ARROW BOARD
400	TON	CLASS IV SUBGRADE STABILIZATION	6	EA	PORTABLE CHANGEABLE MESSAGE SIGN
360	TON	AGGREGATE BASE COURSE	14	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
1,020	TON	INCIDENTAL STONE BASE	10	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS
1	SMI	SHOULDER RECONSTRUCTION	14	EA	WORK ZONE PRESENCE LIGHTING
400	TON	AGGREGATE SHOULDER BORROW	250	EA	DRUMS
134,940	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1/2")	24	EA	SEQUENTIAL FLASHING WARNING LIGHTS
74,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	2	EA	TEMPORARY CRASH CUSHIONS
4,530	SY	INCIDENTAL MILLING	18	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
60	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	2	EA	TMA
12,080	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	12,000	LF	PORTABLE CONCRETE BARRIER
152	TON	ASPHALT BINDER FOR PLANT MIX	65,000	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
1,194	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	2,528	HR	LAW ENFORCEMENT
180	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	EA	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM
3,100	TON	PATCHING EXISTING PAVEMENT	800	EA	TEMPORARY RAISED PAVEMENT MARKERS
9,730	TON	ULTRA-THIN BONDED WEARING COURSE	156,948	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
10,800	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	5,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
6.34	CY	PIPE COLLARS	12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
50	EA	MASONRY DRAINAGE STRUCTURES	780	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
5	LF	MASONRY DRAINAGE STRUCTURES	2,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)
50	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	308,750	LF	PAINT PAVEMENT MARKING LINES (6")
60	EA	GENERIC DRAINAGE ITEM DRAINAGE STRUCTURE CLEANOUT	6,000	LF	PAINT PAVEMENT MARKING LINES (12")
5	EA	GENERIC DRAINAGE ITEM REMOVE AND REPLACE CONCRETE APRON FOR DROP INLET	10	EA	PAINT PAVEMENT MARKING SYMBOL
485	SY	GENERIC DRAINAGE ITEM REMOVE AND REPLACE 4" CONCRETE PAVED DITCH	17,500	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
21,430	LF	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE DOUBLE FACED)	8,832	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
9	EA	CONCRETE BARRIER TRANSITION SECTION	Lump Sum	LS	PORTABLE LIGHTING
21,430	LF	GENERIC PAVING ITEM EXISTING BARRIER WALL REMOVAL	220	LF	TEMPORARY SILT FENCE
10	EA	ADJUSTMENT OF DROP INLETS	80	TON	STONE FOR EROSION CONTROL, CLASS B
3	EA	ADJUSTMENT OF MANHOLES	100	TON	SEDIMENT CONTROL STONE
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	2	ACR	TEMPORARY MULCHING
4	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	50	LB	SEED FOR TEMPORARY SEEDING
6	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	1	TON	FERTILIZER FOR TEMPORARY SEEDING
			400	LF	SAFETY FENCE
			120	CY	SILT EXCAVATION

140	SY	MATTING FOR EROSION CONTROL
120	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
680	LF	WATTLE
100	LF	COIR FIBER WATTLE
48	LB	POLYACRYLAMIDE (PAM)
1	ACR	SEEDING & MULCHING
1	ACR	MOWING
200	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
60	MHR	SPECIALIZED HAND MOWING
100	MHR	MANUAL LITTER REMOVAL
3	TON	LITTER DISPOSAL
22	EA	RESPONSE FOR EROSION CONTROL
4	EA	CONCRETE WASHOUT STRUCTURE
50	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
150	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L230718

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CONTRACT ID: C204715 17BP.14.R.212

DIV OFFICE SYLVA

LENGTH = 0.428 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING, BIKE LANES, SIDEWALK, & STRUCTURE

DBE GOAL 7.00 % COMPLETION DATE : DEC 28, 2025

SR-1336 FROM N OF SR-1002 TO N OF SR-1337 AND SR-1002 FROM SR-1336 TO SR-1169.

ROADWAY ITEMS

			4	EA	FRAME WITH TWO GRATES, STD 840.22
Lump Sum	LS	MOBILIZATION	1	EA	FRAME WITH TWO GRATES, STD 840.29
Lump Sum	LS	CONSTRUCTION SURVEYING	10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	TYPE II MODIFIED APPROACH FILL, STATION ***** (19+91.00 -L-)	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	GRADING			(F)
	1	ACR	17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
	450	CY			(G)
	165	CY	4	EA	FRAME WITH COVER, STD 840.54
1,200	CY	SELECT GRANULAR MATERIAL, CLASS III	4,232	LF	2'-6" CONCRETE CURB & GUTTER
400	CY	SELECT GRANULAR MATERIAL	252	LF	CONCRETE EXPRESSWAY GUTTER
2,100	SY	GEOTEXTILE FOR SOIL STABILIZATION	1,940	SY	4" CONCRETE SIDEWALK
150	CY	GENERIC GRADING ITEM	9	EA	CONCRETE CURB RAMPS
		SELECT MATERIAL, CLASS II, TYPE I	130	SY	6" CONCRETE DRIVEWAY
118	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	220	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1,060	SY	FOUNDATION CONDITIONING GEOTEXTILE	132	LF	GENERIC PAVING ITEM
12	LF	15" DRAINAGE PIPE			2'-6" CONCRETE CURB AND GUTTER (MODIFIED)
16	LF	18" DRAINAGE PIPE	137.5	LF	STEEL BEAM GUARDRAIL
752	LF	15" RC PIPE CULVERTS, CLASS IV	37.5	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
868	LF	18" RC PIPE CULVERTS, CLASS IV	5	EA	ADDITIONAL GUARDRAIL POSTS
160	LF	24" RC PIPE CULVERTS, CLASS IV	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
440	LF	30" RC PIPE CULVERTS, CLASS IV	1	EA	GUARDRAIL END UNITS, TYPE AT-1
44	LF	18" CS PIPE CULVERTS, 0.064" THICK	3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
320	LF	30" CS PIPE CULVERTS, 0.079" THICK	4	EA	GUARDRAIL END UNITS, TYPE TL-2
4	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	80	LF	REMOVE EXISTING GUARDRAIL
8	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")	200	LF	GENERIC FENCING ITEM
504	LF	PIPE REMOVAL			PEDESTRIAN SAFETY RAIL
100	CY	SHALLOW UNDERCUT	27	TON	RIP RAP, CLASS I
200	TON	CLASS IV SUBGRADE STABILIZATION	260	TON	RIP RAP, CLASS II
466	TON	AGGREGATE BASE COURSE	496	SY	GEOTEXTILE FOR DRAINAGE
78.6	TON	INCIDENTAL STONE BASE	523	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
100	GAL	PRIME COAT	48	EA	SIGN ERECTION, TYPE E
550	SY	INCIDENTAL MILLING	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
1,840	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			(E)
1,390	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	24	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,490	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
255	TON	ASPHALT BINDER FOR PLANT MIX	224	SF	WORK ZONE SIGNS (STATIONARY)
340	SY	GENERIC PAVING ITEM	192	SF	WORK ZONE SIGNS (PORTABLE)
		7" JOINTED CONCRETE TRUCK APRON	114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
34	CY	SUBDRAIN EXCAVATION	164	EA	DRUMS
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	40	EA	CONES
26	CY	SUBDRAIN COARSE AGGREGATE	198	LF	BARRICADES (TYPE III)
200	LF	6" PERFORATED SUBDRAIN PIPE	30	DAY	FLAGGER
1	EA	SUBDRAIN PIPE OUTLET	40	EA	SKINNY DRUM
6	LF	6" OUTLET PIPE	58	EA	TEMPORARY RAISED PAVEMENT MARKERS
130	LF	SHOULDER DRAIN	5,532	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
130	LF	4" SHOULDER DRAIN PIPE	2,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
0.447	CY	PIPE COLLARS	174	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
4	CY	FLOWABLE FILL	278	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
40	EA	MASONRY DRAINAGE STRUCTURES	19	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
6	LF	MASONRY DRAINAGE STRUCTURES	16	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2	EA	FRAME WITH GRATE, STD 840.22			
5	EA	FRAME WITH TWO GRATES, STD 840.16			

