



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 JUNE 20, 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 MAY 23, 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: L230620

RPN Contract Id	WBS	County	Length	Job Type
001	C204838 39062.3.2	EDGEcombe	2.306 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
002	C204891 48808.3.1	CUMBERLAND	1.735 MI	GRADING, DRAINAGE, PAVING, GUARDRAIL, AND SIGNALS.
003	C204771 50474.3.1	GUILFORD	0.742 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALL.
004	C204837 34853.3.3	FORSYTH	0.767 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
005	C204491 48086.3.1	MITCHELL	0.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.

Bid Letting Number: L230718

RPN Contract Id	WBS	County	Length	Job Type
001	C204851 34497.3.12	CLEVELAND	6.099 MI	GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L230620

001

CONTRACT ID: C204838 39062.3.2

DIV OFFICE WILSON

LENGTH = 2.306 MI

COUNTY : EDGEcombe

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 5.00 % COMPLETION DATE : APR 30, 2026

NC-111 (WILSON ST) FROM US-64 ALT (WESTERN BLVD) TO NC-122 (MCNAIR RD) IN TARBORO.

ROADWAY ITEMS					
			155	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	MOBILIZATION	9.2	CY	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CONSTRUCTION SURVEYING	16.9	LF	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	TYPE II MODIFIED APPROACH FILL, STATION ***** (66+24.84 -L-)	30	EA	FRAME WITH TWO GRATES, STD 840.16
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	9	EA	FRAME WITH TWO GRATES, STD 840.29
	1,000	CY UNDERCUT EXCAVATION	16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
Lump Sum	LS	GRADING	43	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	40,000	CY BORROW EXCAVATION	55	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	170	CY DRAINAGE DITCH EXCAVATION	6	EA	FRAME WITH COVER, STD 840.54
	1,000	CY SELECT GRANULAR MATERIAL	175	LF	1'-6" CONCRETE CURB & GUTTER
	3,250	SY GEOTEXTILE FOR SOIL STABILIZATION	21,000	LF	2'-6" CONCRETE CURB & GUTTER
	520	SF TEMPORARY SHORING	50	LF	SHOULDER BERM GUTTER
	50	TON GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	14	EA	CONCRETE CURB RAMPS
	1,650	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1,660	SY	6" CONCRETE DRIVEWAY
	5,160	SY FOUNDATION CONDITIONING GEOTEXTILE	80	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
	80	LF **** RC PIPE CULVERTS, CLASS ***** (24", V)	160	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
	68	LF **** RC PIPE CULVERTS, CLASS IV (48")	10,700	SY	GENERIC PAVING ITEM 4" CONCRETE SIDEPATH
	296	LF **** RC PIPE CULVERTS, CLASS IV (54")	2	EA	ADJUSTMENT OF DROP INLETS
	11,512	LF 15" RC PIPE CULVERTS, CLASS IV	2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
	996	LF 18" RC PIPE CULVERTS, CLASS IV	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
	1,252	LF 24" RC PIPE CULVERTS, CLASS IV	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
	960	LF 30" RC PIPE CULVERTS, CLASS IV	2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3
	140	LF 36" RC PIPE CULVERTS, CLASS IV	2,412.5	LF	STEEL BEAM GUARDRAIL
	168	LF 15" CS PIPE CULVERTS, 0.064" THICK	10	EA	ADDITIONAL GUARDRAIL POSTS
	4	EA ** CS PIPE ELBOWS, ***** THICK (15", 0.064")	5	EA	GUARDRAIL END UNITS, TYPE CAT-1
	4,140	LF PIPE REMOVAL	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
	750	CY SHALLOW UNDERCUT	6	EA	GUARDRAIL END UNITS, TYPE TL-3
	1,500	TON CLASS IV SUBGRADE STABILIZATION	5	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
	500	TON CLASS IV AGGREGATE STABILIZATION	150	LF	REMOVE & RESET EXISTING GUIDERAIL
	200	TON INCIDENTAL STONE BASE	1,650	LF	REMOVE EXISTING GUARDRAIL
	130	SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	665	LF	GENERIC GUARDRAIL ITEM WOOD RUB RAIL
	4,200	SY MILLING ASPHALT PAVEMENT, **** DEPTH (3")	6	EA	GENERIC GUARDRAIL ITEM STEEL BOLLARDS
	2,850	SY INCIDENTAL MILLING	470	LF	WOVEN WIRE FENCE RESET
	10,000	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	1,050	LF	GENERIC FENCING ITEM STEEL PIPE HANDRAIL
	9,500	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	30	TON	RIP RAP, CLASS I
	8,600	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	390	TON	RIP RAP, CLASS B
	650	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,600	SY	GEOTEXTILE FOR DRAINAGE
	1,565	TON ASPHALT BINDER FOR PLANT MIX	7	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
	390	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	330	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
	1,120	CY SUBDRAIN EXCAVATION	120	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
	5,000	SY GEOTEXTILE FOR SUBSURFACE DRAINS	875	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	840	CY SUBDRAIN COARSE AGGREGATE	1	EA	SIGN ERECTION, TYPE D
	5,000	LF 6" PERFORATED SUBDRAIN PIPE	42	EA	SIGN ERECTION, TYPE E
	10	EA SUBDRAIN PIPE OUTLET	9	EA	SIGN ERECTION, TYPE F
	60	LF 6" OUTLET PIPE	11	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
	13.8	CY REINFORCED ENDWALLS	37	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	1.016	CY PIPE PLUGS			
	26	CY FLOWABLE FILL			

12	EA	DISPOSAL OF SIGN SYSTEM, WOOD	134	LF	BORE AND JACK OF *** (18")
11	EA	DISPOSAL OF SUPPORT, U-CHANNEL	50	LF	BORE AND JACK OF *** (30")
499	SF	WORK ZONE SIGNS (STATIONARY)	43,055	LF	TEMPORARY SILT FENCE
204	SF	WORK ZONE SIGNS (PORTABLE)	840	TON	STONE FOR EROSION CONTROL, CLASS A
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	2,470	TON	STONE FOR EROSION CONTROL, CLASS B
6	EA	WORK ZONE DIGITAL SPEED LIMIT SIGNS	2,380	TON	SEDIMENT CONTROL STONE
1	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM	30	ACR	TEMPORARY MULCHING
680	EA	DRUMS	1,500	LB	SEED FOR TEMPORARY SEEDING
88	LF	BARRICADES (TYPE III)	7.5	TON	FERTILIZER FOR TEMPORARY SEEDING
300	DAY	FLAGGER	200	LF	TEMPORARY SLOPE DRAINS
6	EA	TEMPORARY CRASH CUSHIONS	840	LF	SAFETY FENCE
360	LF	PORTABLE CONCRETE BARRIER	2,930	CY	SILT EXCAVATION
1,350	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	7,300	SY	MATTING FOR EROSION CONTROL
32,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	100	SY	COIR FIBER MAT
1,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	500	SY	PERMANENT SOIL REINFORCEMENT MAT
1,110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	6,835	LF	1/4" HARDWARE CLOTH
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	165	LF	*** TEMPORARY PIPE (24")
410	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	2	EA	SPECIAL STILLING BASINS
125	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	4,540	LF	COIR FIBER WATTLE
2,120	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	3,130	LB	POLYACRYLAMIDE (PAM)
37,006	LF	PAINT PAVEMENT MARKING LINES (4")	120	LF	COIR FIBER BAFFLE
100	LF	PAINT PAVEMENT MARKING LINES (8")	21	ACR	SEEDING & MULCHING
83	LF	PAINT PAVEMENT MARKING LINES (24")	21	ACR	MOWING
6	EA	PAINT PAVEMENT MARKING SYMBOL	300	LB	SEED FOR REPAIR SEEDING
1,070	LF	POLYUREA PAVEMENT MARKING LINES, *** (4", 30 MILS)	1	TON	FERTILIZER FOR REPAIR SEEDING
345	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	525	LB	SEED FOR SUPPLEMENTAL SEEDING
220	LF	8" WATER LINE	15.75	TON	FERTILIZER TOPDRESSING
6,488	LF	12" WATER LINE	125.14	LF	IMPERVIOUS DIKE
1,815	LF	16" WATER LINE	10	MHR	SPECIALIZED HAND MOWING
15,390	LB	DUCTILE IRON WATER PIPE FITTINGS	12	MHR	MANUAL LITTER REMOVAL
15	EA	6" VALVE	3.5	TON	LITTER DISPOSAL
9	EA	8" VALVE	100	EA	RESPONSE FOR EROSION CONTROL
12	EA	12" VALVE	4	EA	CONCRETE WASHOUT STRUCTURE
3	EA	16" VALVE	0.1	ACR	REFORESTATION
1	EA	16" TAPPING SLEEVE & VALVE	4	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
1	EA	3/4" WATER METER	2,300	LF	SIGNAL CABLE
57	EA	RELOCATE WATER METER	13	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
4	EA	RECONNECT WATER METER	1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
14	EA	FIRE HYDRANT	510	LF	MESSENGER CABLE (3/8")
1	EA	RELOCATE FIRE HYDRANT	850	LF	UNPAVED TRENCHING (***** (1, 2"))
152	LF	FIRE HYDRANT LEG	10	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	16" LINE STOP	2	EA	WOOD POLE
1,971	LF	WATER SERVICE LINE	8	EA	GUY ASSEMBLY
4,058	LF	8" SANITARY GRAVITY SEWER	1	EA	1" RISER WITH WEATHERHEAD
519	LF	12" SANITARY GRAVITY SEWER	5	EA	2" RISER WITH WEATHERHEAD
4	EA	SANITARY SEWER CLEAN-OUT	1,470	LF	INDUCTIVE LOOP SAWCUT
47	LF	SEWER SERVICE LINE	2,200	LF	LEAD-IN CABLE (***** (14-2))
23	EA	4' DIA UTILITY MANHOLE	3	EA	TYPE II PEDESTAL WITH FOUNDATION
99	LF	UTILITY MANHOLE WALL 4' DIA	1	EA	SIGNAL CABINET FOUNDATION
3,155	LF	ABANDON 8" UTILITY PIPE	1	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070E, BASE MOUNTED))
7,508	LF	ABANDON 12" UTILITY PIPE	7	EA	DETECTOR CARD (TYPE 170)
736	LF	ABANDON 16" UTILITY PIPE	1	EA	CABINET BASE EXTENDER
7	EA	REMOVE FIRE HYDRANT			WALL ITEMS
13	EA	REMOVE UTILITY MANHOLE	250	SF	CIP GRAVITY RETAINING WALLS
113	LF	16" ENCASEMENT PIPE			STRUCTURE ITEMS
134	LF	18" ENCASEMENT PIPE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (66+24.84-L-)
50	LF	30" ENCASEMENT PIPE	Lump Sum	LS	ASBESTOS ASSESSMENT
113	LF	BORE AND JACK OF *** (16")	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+24.84 -L-)

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 66+24.84 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 66+24.84 -L-)
1	EA	PDA TESTING
3,171	SF	REINFORCED CONCRETE DECK SLAB
7,419	SF	GROOVING BRIDGE FLOORS
69.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+24.84 -L-)
13,220	LB	REINFORCING STEEL (BRIDGE)
1,176	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
143.6	LF	36" PRESTRESSED CONCRETE GIRDERS
321.7	LF	54" PRESTRESSED CONCRETE GIRDERS
21	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
1,590	LF	HP 12 X 53 STEEL PILES
13	EA	PILE REDRIVES
257.1	LF	TWO BAR METAL RAIL
265.6	LF	VERTICAL CONCRETE BARRIER RAIL
265.6	LF	1'-**" X ***** CONCRETE PARAPET (1'-2" X 2'-6")
367	SY	4" SLOPE PROTECTION
35	SY	CLASS II, SURFACE PREPARATION
32.2	CY	LATEX MODIFIED CONC OVERLAY
896	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
Lump Sum	LS	ELASTOMERIC BEARINGS
271.3	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
39	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
155.8	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
1,475	SF	GENERIC STRUCTURE ITEM SILANE BARRIER RAIL TREATMENT
1,475	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR CONCRETE BARRIER RAIL
896	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
896	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L230620

002

CONTRACT ID : C204891 48808.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 1.735 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, GUARDRAIL, AND SIGNALS.

DBE GOAL 5.00 % COMPLETION DATE : MAY 14, 2025

NC-24 FROM US-401 (SKIBO ROAD) TO STAMPER ROAD.

ROADWAY ITEMS					
			24	HR	LAW ENFORCEMENT
Lump Sum	LS	MOBILIZATION	100	EA	SKINNY DRUM
Lump Sum	LS	CONSTRUCTION SURVEYING	137	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	GRADING	7,221	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2,139	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
100	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	2,025	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
540	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	72	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,690	SY	FOUNDATION CONDITIONING GEOTEXTILE	7,350	LF	PAINT PAVEMENT MARKING LINES (4")
140	LF	15" RC PIPE CULVERTS, CLASS III	2,140	LF	PAINT PAVEMENT MARKING LINES (8")
16	LF	18" RC PIPE CULVERTS, CLASS III	1,735	LF	PAINT PAVEMENT MARKING LINES (24")
12	LF	30" RC PIPE CULVERTS, CLASS III	72	EA	PAINT PAVEMENT MARKING SYMBOL
4,860	LF	15" RC PIPE CULVERTS, CLASS IV	980	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
36	LF	18" RC PIPE CULVERTS, CLASS IV	150	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
799	LF	PIPE REMOVAL	180	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
100	TON	INCIDENTAL STONE BASE	39	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
5,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	137	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
3,290	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	265	LF	TEMPORARY SILT FENCE
2,840	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	75	TON	STONE FOR EROSION CONTROL, CLASS A
2,390	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	55	TON	STONE FOR EROSION CONTROL, CLASS B
430	TON	ASPHALT BINDER FOR PLANT MIX	555	TON	SEDIMENT CONTROL STONE
170	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	ACR	TEMPORARY MULCHING
10	CY	FLOWABLE FILL	200	LB	SEED FOR TEMPORARY SEEDING
74	EA	MASONRY DRAINAGE STRUCTURES	1	TON	FERTILIZER FOR TEMPORARY SEEDING
3.1	LF	MASONRY DRAINAGE STRUCTURES	200	LF	TEMPORARY SLOPE DRAINS
13	EA	FRAME WITH TWO GRATES, STD 840.24	2,460	LF	SAFETY FENCE
58	EA	FRAME WITH TWO GRATES, STD 840.29	60	CY	SILT EXCAVATION
3	EA	FRAME WITH COVER, STD 840.54	750	SY	MATTING FOR EROSION CONTROL
16	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	2,685	LF	1/4" HARDWARE CLOTH
6,610	LF	***,*** CONCRETE CURB & GUTTER (2'-9")	200	LF	COIR FIBER WATTLE
1,040	LF	1'-6" CONCRETE CURB & GUTTER	40	LB	POLYACRYLAMIDE (PAM)
12	EA	CONCRETE CURB RAMPS	25	LF	COIR FIBER BAFFLE
500	SY	4" CONCRETE ISLAND COVER	2	ACR	SEEDING & MULCHING
1,440	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	1	ACR	MOWING
70	SY	*** MONOLITHIC CONCRETE MEDIAN (*****) (8", MOUNTABLE)	50	LB	SEED FOR REPAIR SEEDING
7	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	0.25	TON	FERTILIZER FOR REPAIR SEEDING
962.5	LF	STEEL BEAM GUARDRAIL, DOUBLE FACED	75	LB	SEED FOR SUPPLEMENTAL SEEDING
10	EA	ADDITIONAL GUARDRAIL POSTS	2	TON	FERTILIZER TOPDRESSING
4,630	LF	REMOVE EXISTING GUARDRAIL	10	MHR	SPECIALIZED HAND MOWING
225	SY	GEOTEXTILE FOR DRAINAGE	2	MHR	MANUAL LITTER REMOVAL
287	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	2	TON	LITTER DISPOSAL
359	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	12	EA	RESPONSE FOR EROSION CONTROL
28	EA	SIGN ERECTION, TYPE E	2	EA	CONCRETE WASHOUT STRUCTURE
65	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	50	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
600	SF	WORK ZONE SIGNS (STATIONARY)	100	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
4	EA	FLASHING ARROW BOARD	28	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	6,600	LF	SIGNAL CABLE
650	EA	DRUMS	9	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
10	DAY	FLAGGER	1,450	LF	UNPAVED TRENCHING (***** (1, 2")
2	EA	TMA			

700	LF	DIRECTIONAL DRILL (***** (1, 2")
18	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	GUY ASSEMBLY
15	EA	1/2" RISER WITH WEATHERHEAD
3,800	LF	INDUCTIVE LOOP SAWCUT
11,900	LF	LEAD-IN CABLE (***** (14-2)
1	EA	TYPE I POST WITH FOUNDATION
28	EA	TYPE II PEDESTAL WITH FOUNDATION

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L230620

003

CONTRACT ID: C204771 50474.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.742 MI

COUNTY : GUILFORD

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

DBE GOAL 5.00 % COMPLETION DATE : MAR 14, 2026

NC-68 AT SR-2129 (FOGLEMAN RD) TO NC-150 IN OAK RIDGE.

ROADWAY ITEMS					
			9	EA	FRAME WITH TWO GRATES, STD 840.16
Lump Sum	LS	MOBILIZATION	9	EA	FRAME WITH TWO GRATES, STD 840.24
Lump Sum	LS	CONSTRUCTION SURVEYING	10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			(E)
1,250	CY	UNDERCUT EXCAVATION	26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	GRADING			(F)
13,240	CY	BORROW EXCAVATION	32	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
120	CY	DRAINAGE DITCH EXCAVATION			(G)
120	LF	BERM DITCH CONSTRUCTION	2	EA	FRAME WITH COVER, STD 840.54
1,500	CY	SELECT GRANULAR MATERIAL	8	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
1,200	SY	GEOTEXTILE FOR SOIL STABILIZATION	9,860	LF	2'-6" CONCRETE CURB & GUTTER
1,000	SY	ROCK PLATING	500	LF	CONCRETE EXPRESSWAY GUTTER
860	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3,610	SY	4" CONCRETE SIDEWALK
2,710	SY	FOUNDATION CONDITIONING GEOTEXTILE	35	EA	CONCRETE CURB RAMPS
188	LF	15" DRAINAGE PIPE	30	SY	6" CONCRETE DRIVEWAY
80	LF	30" DRAINAGE PIPE	31	SY	4" CONCRETE PAVED DITCH
28	LF	36" DRAINAGE PIPE	1,580	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
4	EA	*** DRAINAGE PIPE ELBOWS (30")	657	SY	GENERIC PAVING ITEM
5,796	LF	15" RC PIPE CULVERTS, CLASS IV	657	SY	6" CONCRETE TRUCK APRON
1,296	LF	18" RC PIPE CULVERTS, CLASS IV			GENERIC PAVING ITEM
280	LF	24" RC PIPE CULVERTS, CLASS IV	1	EA	STAMPING OF CONCRETE
336	LF	30" RC PIPE CULVERTS, CLASS IV	4	EA	ADJUSTMENT OF MANHOLES
106	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (72", 1.000")	1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
106	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1.000")	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
720	LF	PIPE REMOVAL	445	LF	GENERIC FENCING ITEM
650	SY	GENERIC GRADING ITEM			BLACK POWDER COATING
		GEOTEXTILE FOR SUBGRADE STABILIZATION	445	LF	GENERIC FENCING ITEM
325	CY	SHALLOW UNDERCUT			SAFETY RAIL
650	TON	CLASS IV SUBGRADE STABILIZATION	320	TON	RIP RAP, CLASS I
1,000	TON	INCIDENTAL STONE BASE	145	TON	RIP RAP, CLASS II
1,530	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	305	TON	RIP RAP, CLASS B
1,800	SY	INCIDENTAL MILLING	1,435	SY	GEOTEXTILE FOR DRAINAGE
5,090	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	360	SF	GENERIC WALL ITEM
4,890	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			DECORATIVE RETAINING WALL
5,930	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	71.6	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
820	TON	ASPHALT BINDER FOR PLANT MIX	460.6	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
1,530	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	157.4	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
270	SY	GENERIC PAVING ITEM	1,443	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
		4" CONCRETE SIDEWALK WITH FENCE FOUNDATION	6	EA	SIGN ERECTION, TYPE D
44.8	CY	SUBDRAIN EXCAVATION	16	EA	SIGN ERECTION, TYPE E
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	15	EA	SIGN ERECTION, TYPE F
33.6	CY	SUBDRAIN COARSE AGGREGATE	6	EA	STOCKPILE SIGN, D, E OR F
200	LF	6" PERFORATED SUBDRAIN PIPE	6	EA	STOCKPILE SIGN, D, E OR F
1	EA	SUBDRAIN PIPE OUTLET	104	EA	DISPOSAL OF SIGN, D, E OR F
6	LF	6" OUTLET PIPE	56	SF	GENERIC SIGNING ITEM
8	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			RED POST REFLECTOR
15	CY	REINFORCED ENDWALLS	823	SF	WORK ZONE SIGNS (STATIONARY)
81	CY	FLOWABLE FILL	98	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
87	EA	MASONRY DRAINAGE STRUCTURES	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
36.1	LF	MASONRY DRAINAGE STRUCTURES	5	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
			165	EA	DRUMS
			35	LF	BARRICADES (TYPE III)
			4	EA	TEMPORARY CRASH CUSHIONS
			20	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
			3,823	LF	PORTABLE CONCRETE BARRIER

24,358	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	11.25	TON	FERTILIZER TOPDRESSING
1,785	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	25	LF	IMPERVIOUS DIKE
940	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	10	MHR	SPECIALIZED HAND MOWING
95	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	9	MHR	MANUAL LITTER REMOVAL
135	LF	PAINT PAVEMENT MARKING LINES (4")	7	TON	LITTER DISPOSAL
57,421	LF	PAINT PAVEMENT MARKING LINES (6")	100	EA	RESPONSE FOR EROSION CONTROL
353	LF	PAINT PAVEMENT MARKING LINES (8")	8	EA	CONCRETE WASHOUT STRUCTURE
409	LF	PAINT PAVEMENT MARKING LINES (24")	4	ACR	REFORESTATION
75	EA	PAINT PAVEMENT MARKING SYMBOL	10	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
1,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	30	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT
217	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
9	EA	OBJECT MARKERS (TYPE **) (OMI-3)	5,500	LF	SIGNAL CABLE
215	LF	6" WATER LINE	13	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
690	LB	DUCTILE IRON WATER PIPE FITTINGS	8	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1	EA	** VALVE (3")	3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2	EA	6" VALVE	600	LF	MESSENGER CABLE (3/8")
1	EA	** TAPPING SLEEVE & VALVE (3")	50	LF	PAVED TRENCHING (*****) (1, 2")
2	EA	6" TAPPING SLEEVE & VALVE	1,025	LF	UNPAVED TRENCHING (*****) (1, 2")
2	EA	2" WATER METER	250	LF	DIRECTIONAL DRILL (*****) (2, 2")
1	EA	FIRE HYDRANT	10	EA	JUNCTION BOX (STANDARD SIZE)
33	LF	FIRE HYDRANT LEG	4	EA	WOOD POLE
45	LF	** WATER SERVICE LINE (2")	8	EA	GUY ASSEMBLY
278	LF	** FORCE MAIN SEWER (3")	1	EA	1" RISER WITH WEATHERHEAD
315	LB	DUCTILE IRON SEWER PIPE FITTINGS	4	EA	2" RISER WITH WEATHERHEAD
127	LF	ABANDON ** UTILITY PIPE (3")	1,250	LF	INDUCTIVE LOOP SAWCUT
101	LF	ABANDON 6" UTILITY PIPE	4,600	LF	LEAD-IN CABLE (*****) (14-2)
2	EA	REMOVE WATER METER	1	EA	SITE SURVEY
1	EA	REMOVE FIRE HYDRANT	4	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
178	LF	** ENCASMENT PIPE (10")	1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
65	LF	** ENCASMENT PIPE (8")	2	EA	METAL POLE WITH SINGLE MAST ARM
153	LF	GENERIC UTILITY ITEM 6" POWER CONDUIT	1	EA	METAL POLE WITH DUAL MAST ARM
14,500	LF	TEMPORARY SILT FENCE	3	EA	SOIL TEST
820	TON	STONE FOR EROSION CONTROL, CLASS A	18	CY	DRILLED PIER FOUNDATION
665	TON	STONE FOR EROSION CONTROL, CLASS B	3	EA	MAST ARM WITH METAL POLE DESIGN
1,330	TON	SEDIMENT CONTROL STONE	8	EA	TYPE II PEDESTAL WITH FOUNDATION
22	ACR	TEMPORARY MULCHING	1	EA	SIGNAL CABINET FOUNDATION
1,100	LB	SEED FOR TEMPORARY SEEDING	1	EA	CONTROLLERS WITH CABINET (*****) (TYPE 2070LX, MOUNTED)
7.5	TON	FERTILIZER FOR TEMPORARY SEEDING	9	EA	DETECTOR CARD (TYPE 170)
200	LF	TEMPORARY SLOPE DRAINS	1	EA	CABINET BASE EXTENDER
1,880	LF	SAFETY FENCE	1	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR DUAL MAST ARM POLE (BLACK)
5,710	CY	SILT EXCAVATION	8	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL (BLACK)
12,350	SY	MATTING FOR EROSION CONTROL	2	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)
100	SY	COIR FIBER MAT			WALL ITEMS
105	SY	PERMANENT SOIL REINFORCEMENT MAT	1,800	SF	SEGMENTAL GRAVITY RETAINING WALLS
4,020	LF	1/4" HARDWARE CLOTH			
2	EA	SPECIAL STILLING BASINS			
1,420	LF	COIR FIBER WATTLE			
885	LB	POLYACRYLAMIDE (PAM)			
645	LF	COIR FIBER BAFFLE			
2	EA	** SKIMMER (2")			
1	EA	** SKIMMER (2-1/2")			
18	ACR	SEEDING & MULCHING			
15	ACR	MOWING			
250	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			
375	LB	SEED FOR SUPPLEMENTAL SEEDING			
225	SY	SODDING			
1	M/G	WATER			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L230620

004

CONTRACT ID : C204837 34853.3.3

DIV OFFICE WINSTON-SALEM

LENGTH = 0.767 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 4.00 % COMPLETION DATE : MAR 14, 2027

SR-1672 (HANES MILL ROAD) FROM MUSEUM DRIVE TO SR-4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM.

ROADWAY ITEMS					
			44.8	CY	SUBDRAIN EXCAVATION
Lump Sum	LS	MOBILIZATION	200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
Lump Sum	LS	CONSTRUCTION SURVEYING	33.6	CY	SUBDRAIN COARSE AGGREGATE
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	200	LF	6" PERFORATED SUBDRAIN PIPE
	2	EA SEALING ABANDONED WELLS	1	EA	SUBDRAIN PIPE OUTLET
Lump Sum	LS	TYPE III REINFORCED APPROACH FILL, STATION ***** (33+99.11 -L-)	6	LF	6" OUTLET PIPE
Lump Sum	LS	GRADING	7	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
	450	CY UNDERCUT EXCAVATION	3.4	CY	ENDWALLS
	290	CY DRAINAGE DITCH EXCAVATION	2	CY	FLOWABLE FILL
	400	CY SELECT GRANULAR MATERIAL, CLASS III	112	EA	MASONRY DRAINAGE STRUCTURES
	500	SY GEOTEXTILE FOR SOIL STABILIZATION	47.1	LF	MASONRY DRAINAGE STRUCTURES
6,232	SF	TEMPORARY SHORING	26	EA	FRAME WITH TWO GRATES, STD 840.16
	735	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2,300	SY	FOUNDATION CONDITIONING GEOTEXTILE	41	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
1,024	LF	15" RC PIPE CULVERTS, CLASS IV	28	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
3,746	LF	18" RC PIPE CULVERTS, CLASS IV	12	EA	FRAME WITH COVER, STD 840.54
	988	LF 24" RC PIPE CULVERTS, CLASS IV	490	LF	*** X *** CONCRETE CURB (8" X 12")
	80	LF 30" RC PIPE CULVERTS, CLASS IV	1,120	LF	1'-6" CONCRETE CURB & GUTTER
	16	LF 36" RC PIPE CULVERTS, CLASS IV	10,940	LF	2'-6" CONCRETE CURB & GUTTER
	288	LF 42" RC PIPE CULVERTS, CLASS IV	4,160	SY	4" CONCRETE SIDEWALK
	164	LF 15" CS PIPE CULVERTS, 0.064" THICK	45	EA	CONCRETE CURB RAMPS
	220	LF 18" CS PIPE CULVERTS, 0.064" THICK	30	SY	6" CONCRETE DRIVEWAY
	44	LF 24" CS PIPE CULVERTS, 0.064" THICK	4,620	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	10	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")	425	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
	6	EA *** CS PIPE ELBOWS, ***** THICK (18", 0.064")	630	SY	GENERIC PAVING ITEM 9" CONCRETE TRUCK APRON
	2	EA *** CS PIPE ELBOWS, ***** THICK (24", 0.064")	240	LF	GENERIC PAVING ITEM 2'-6" CONCRETE CURB AND GUTTER (MODIFIED)
4,135	LF	PIPE REMOVAL	360	LF	GENERIC PAVING ITEM CONCRETE VALLEY GUTTER (MODIFIED)
7,200	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION	17	EA	ADJUSTMENT OF MANHOLES
2,800	CY	SHALLOW UNDERCUT	10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
6,600	TON	CLASS IV SUBGRADE STABILIZATION	1	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET
	200	TON INCIDENTAL STONE BASE	1,737.5	LF	STEEL BEAM GUARDRAIL
	3.6	SMI SHOULDER RECONSTRUCTION	275	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
2,000	TON	AGGREGATE SHOULDER BORROW	5	EA	ADDITIONAL GUARDRAIL POSTS
2,340	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")	1	EA	GUARDRAIL END UNITS, TYPE AT-1
11,390	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (6")	6	EA	GUARDRAIL END UNITS, TYPE CAT-1
26,850	SY	INCIDENTAL MILLING	3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
14,230	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	5	EA	GUARDRAIL END UNITS, TYPE TL-3
10,320	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1	EA	GUARDRAIL END UNITS, TYPE TL-2
5,990	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
	960	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,404	LF	REMOVE EXISTING GUARDRAIL
1,585	TON	ASPHALT BINDER FOR PLANT MIX	300	LF	CHAIN LINK FENCE, *** FABRIC (72")
	55	TON POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	25	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
	800	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	5	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
1,010	TON	ULTRA-THIN BONDED WEARING COURSE	325	TON	RIP RAP, CLASS B
14,760	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	2,330	SY	GEOTEXTILE FOR DRAINAGE
28,650	SY	GENERIC PAVING ITEM FINE MILLING			
	70	EA RIGHT-OF-WAY MARKERS			

4	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	3	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
2	CY	PLAIN CONCRETE SIGN FOUNDATIONS	155,202	LF	PAINT PAVEMENT MARKING LINES (4")
3,114	LB	SUPPORTS, BREAKAWAY STEEL BEAM	35,352	LF	PAINT PAVEMENT MARKING LINES (6")
1,850	LB	SUPPORTS, SIMPLE STEEL BEAM	19,034	LF	PAINT PAVEMENT MARKING LINES (8")
1,450	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	2,120	LF	PAINT PAVEMENT MARKING LINES (12")
2	EA	SIGN ERECTION, TYPE D	2,892	LF	PAINT PAVEMENT MARKING LINES (24")
76	EA	SIGN ERECTION, TYPE E	28	EA	PAINT PAVEMENT MARKING CHARACTER
4	EA	SIGN ERECTION, TYPE F	300	EA	PAINT PAVEMENT MARKING SYMBOL
10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	48,050	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	19,109	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
5	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A)	2,105	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (B)	500	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
7	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	915	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
7	EA	DISPOSAL OF SUPPORT, STEEL BEAM	173	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	25	EA	PERMANENT RAISED PAVEMENT MARKERS
50	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	900	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
7	EA	DISPOSAL OF SUPPORT, U-CHANNEL	Lump Sum	LS	PORTABLE LIGHTING
561	SF	WORK ZONE SIGNS (STATIONARY)	184	LF	6" WATER LINE
192	SF	HIGH VISIBILITY STATIONARY SIGNS	270	LF	12" WATER LINE
680	SF	WORK ZONE SIGNS (PORTABLE)	353	LF	16" WATER LINE
554	SF	HIGH VISIBILITY PORTABLE SIGNS	10,695	LB	DUCTILE IRON WATER PIPE FITTINGS
54	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	4	EA	6" VALVE
5	EA	FLASHING ARROW BOARD	2	EA	12" VALVE
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	1	EA	16" VALVE
300	EA	DRUMS	14	EA	RELOCATE WATER METER
182	EA	HIGH VISIBILITY DRUMS	3	EA	RECONNECT WATER METER
12	EA	SEQUENTIAL FLASHING WARNING LIGHTS	4	EA	RELOCATE ** RPZ BACKFLOW PREVENTION ASSEMBLY (1")
100	EA	CONES	1	EA	RELOCATE 2" RPZ BACKFLOW PREVENTION ASSEMBLY
56	LF	BARRICADES (TYPE III)	3	EA	FIRE HYDRANT
314	LF	PEDESTRIAN CHANNELIZING DEVICES	2	EA	RELOCATE FIRE HYDRANT
390	DAY	FLAGGER	237	LF	FIRE HYDRANT LEG
9	EA	TEMPORARY CRASH CUSHIONS	827	LF	WATER SERVICE LINE
1	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	195	LF	8" SANITARY GRAVITY SEWER
2	EA	TMA	11	EA	SANITARY SEWER CLEAN-OUT
1,720	LF	PORTABLE CONCRETE BARRIER	194	LF	SEWER SERVICE LINE
200	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	3	EA	4' DIA UTILITY MANHOLE
550	LF	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	8	LF	UTILITY MANHOLE WALL 4' DIA
240	HR	LAW ENFORCEMENT	714	LF	ABANDON 6" UTILITY PIPE
3	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	161	LF	ABANDON 8" UTILITY PIPE
300	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)	260	LF	ABANDON 12" UTILITY PIPE
840	EA	TEMPORARY RAISED PAVEMENT MARKERS	3	EA	ABANDON UTILITY MANHOLE
18,388	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	14,035	LF	TEMPORARY SILT FENCE
25,350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	700	TON	STONE FOR EROSION CONTROL, CLASS A
4,240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,360	TON	STONE FOR EROSION CONTROL, CLASS B
1,860	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	2,255	TON	SEDIMENT CONTROL STONE
1,950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	43	ACR	TEMPORARY MULCHING
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	2,100	LB	SEED FOR TEMPORARY SEEDING
109	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	12.5	TON	FERTILIZER FOR TEMPORARY SEEDING
1,362	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	635	LF	TEMPORARY SLOPE DRAINS
2,599	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	1,600	LF	SAFETY FENCE
4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)	4,270	CY	SILT EXCAVATION
			20,800	SY	MATTING FOR EROSION CONTROL
			40	SY	COIR FIBER MAT
			75	SY	PERMANENT SOIL REINFORCEMENT MAT
			8,625	LF	1/4" HARDWARE CLOTH
			400	LF	COIR FIBER WATTLE
			115	LB	POLYACRYLAMIDE (PAM)
			645	LF	COIR FIBER BAFFLE
			2	EA	*** SKIMMER (1-1/2")

1	EA	*** SKIMMER (2")	25	EA	SIGN FOR SIGNALS
33	ACR	SEEDING & MULCHING	8	EA	TYPE I POST WITH FOUNDATION
30	ACR	MOWING	11	EA	TYPE II PEDESTAL WITH FOUNDATION
450	LB	SEED FOR REPAIR SEEDING	3	EA	SIGNAL CABINET FOUNDATION
1.25	TON	FERTILIZER FOR REPAIR SEEDING	3	EA	CONTROLLERS WITH CABINET (***** (2070E, BASE MOUNTED)
775	LB	SEED FOR SUPPLEMENTAL SEEDING	1	EA	CONTROLLERS WITH CABINET (***** (2070E, POLE MOUNTED)
23.25	TON	FERTILIZER TOPDRESSING	36	EA	DETECTOR CARD (TYPE 170)
10	MHR	SPECIALIZED HAND MOWING	3	EA	CABINET BASE EXTENDER
17	MHR	MANUAL LITTER REMOVAL	4	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE
2	TON	LITTER DISPOSAL	1	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE
100	EA	RESPONSE FOR EROSION CONTROL	1	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
10	EA	CONCRETE WASHOUT STRUCTURE	4	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
108	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE	1	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
324	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	1	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL
20	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	40	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR
9,225	LF	SIGNAL CABLE	40	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS
60	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	20	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER SERVICE ENTRANCE CONDUCTORS
9	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	830	LF	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE
9	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			WALL ITEMS
3,375	LF	MESSENGER CABLE (1/4")	2,815	SF	MSE RETAINING WALL NO **** (1)
3,585	LF	MESSENGER CABLE (3/8")	2,280	SF	MSE RETAINING WALL NO **** (2)
2,270	LF	TRACER WIRE	5,095	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT
100	LF	PAVED TRENCHING (***** (1, 2")			STRUCTURE ITEMS
1,865	LF	UNPAVED TRENCHING (***** (1, 2")	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (33+99.11 -L-)
20	LF	UNPAVED TRENCHING (***** (2, 2")	Lump Sum	LS	ASBESTOS ASSESSMENT
115	LF	UNPAVED TRENCHING (***** (3, 2")	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 33+99.11 -L-)
405	LF	DIRECTIONAL DRILL (***** (1, 2")	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 33+99.11 -L-)
925	LF	DIRECTIONAL DRILL (***** (2, 2")	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (33+99.11 -L-)
1,050	LF	DIRECTIONAL DRILL (***** (3, 2")	17,988	SF	REINFORCED CONCRETE DECK SLAB
6	EA	JUNCTION BOX (***** (SPECIAL OVERSIZED, HEAVY DUTY, 36" X 24" X 24")	17,900	SF	GROOVING BRIDGE FLOORS
31	EA	JUNCTION BOX (STANDARD SIZE)	367.6	CY	CLASS A CONCRETE (BRIDGE)
13	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (33+99.11 -L-)
4	EA	WOOD POLE	55,961	LB	REINFORCING STEEL (BRIDGE)
33	EA	GUY ASSEMBLY	3,970	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
7	EA	1/2" RISER WITH WEATHERHEAD	2,255.46	LF	45" PRESTRESSED CONCRETE GIRDERS
5	EA	1" RISER WITH WEATHERHEAD	74	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
8	EA	2" RISER WITH WEATHERHEAD	5,900	LF	HP 12 X 53 STEEL PILES
12	EA	2" RISER WITH HEAT SHRINK TUBING	397.77	LF	THREE BAR METAL RAIL
5,475	LF	INDUCTIVE LOOP SAWCUT	61	SY	4" SLOPE PROTECTION
27,357	LF	LEAD-IN CABLE (***** (14-2)	Lump Sum	LS	ELASTOMERIC BEARINGS
4	EA	SITE SURVEY	Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS
11	EA	LUMINAIRE ARM FOR VIDEO SYSTEM			
10	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT			
4	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT			
5,400	LF	COMMUNICATIONS CABLE (** FIBER) (24)			
6,650	LF	COMMUNICATIONS CABLE (** FIBER) (96)			
2,535	LF	DROP CABLE			
10	EA	SPLICE ENCLOSURE			
3	EA	MODIFY SPLICE ENCLOSURE			
5	EA	INTERCONNECT CENTER			
13	EA	DELINEATOR MARKER			
4,750	LF	REMOVE EXISTING COMMUNICATIONS CABLE			
2	EA	CABLE TRANSFER			
12	EA	METAL STRAIN SIGNAL POLE			
12	EA	SOIL TEST			
72	CY	DRILLED PIER FOUNDATION			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L230620 005

CONTRACT ID: C204491 48086.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.152 MI

COUNTY : MITCHELL

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 3.00 % COMPLETION DATE : JAN 28, 2026

BRIDGE #19 OVER CUB CREEK ON NC-226.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	3	EA	SIGN ERECTION, TYPE E
Lump Sum	LS	CONSTRUCTION SURVEYING	5	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
26,400	CY	UNCLASSIFIED EXCAVATION	140	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (12+89.50 -L-)	208	SF	WORK ZONE SIGNS (PORTABLE)
450	CY	UNDERCUT EXCAVATION	20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
Lump Sum	LS	GRADING	170	EA	DRUMS
3,535	SY	PRE-SPLITTING OF ROCK	15	EA	CONES
400	CY	SELECT GRANULAR MATERIAL	48	LF	BARRICADES (TYPE III)
700	SY	GEOTEXTILE FOR SOIL STABILIZATION	64	DAY	FLAGGER
764	SF	TEMPORARY SHORING	2	EA	TEMPORARY CRASH CUSHIONS
205	SY	GENERIC GRADING ITEM	105	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
20	TON	WIRE FACED REINFORCED SOIL SLOPE	75	EA	TEMPORARY RAISED PAVEMENT MARKERS
50	SY	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	16	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
24	LF	FOUNDATION CONDITIONING GEOTEXTILE	4,496	LF	PAINT PAVEMENT MARKING LINES (4")
112	LF	15" RC PIPE CULVERTS, CLASS IV	36	LF	PAINT PAVEMENT MARKING LINES (24")
63	LF	18" RC PIPE CULVERTS, CLASS IV	3,230	LF	POLYUREA PAVEMENT MARKING LINES, ***, ** MILS (STANDARD GLASS BEADS) (4", 20)
100	CY	PIPE REMOVAL	2,400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
200	TON	SHALLOW UNDERCUT	1	EA	PERMANENT RAISED PAVEMENT MARKERS
10	TON	CLASS IV SUBGRADE STABILIZATION	11	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
170	SY	AGGREGATE BASE COURSE	1,200	LF	TEMPORARY SILT FENCE
730	TON	INCIDENTAL MILLING	175	TON	STONE FOR EROSION CONTROL, CLASS A
490	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	320	TON	STONE FOR EROSION CONTROL, CLASS B
65	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	150	TON	SEDIMENT CONTROL STONE
20	TON	ASPHALT BINDER FOR PLANT MIX	2	ACR	TEMPORARY MULCHING
28	EA	ASPHALT PLANT MIX, PAVEMENT REPAIR	200	LB	SEED FOR TEMPORARY SEEDING
44.8	CY	RIGHT-OF-WAY MARKERS	1	TON	FERTILIZER FOR TEMPORARY SEEDING
200	SY	SUBDRAIN EXCAVATION	200	LF	TEMPORARY SLOPE DRAINS
33.6	CY	GEOTEXTILE FOR SUBSURFACE DRAINS	200	LF	SAFETY FENCE
200	LF	SUBDRAIN COARSE AGGREGATE	330	CY	SILT EXCAVATION
1	EA	6" PERFORATED SUBDRAIN PIPE	7,900	SY	MATTING FOR EROSION CONTROL
6	LF	SUBDRAIN PIPE OUTLET	100	SY	COIR FIBER MAT
1	EA	6" OUTLET PIPE	215	LF	1/4" HARDWARE CLOTH
1	EA	MASONRY DRAINAGE STRUCTURES	50	LF	WATTLE
1	EA	FRAME WITH TWO GRATES, STD 840.29	400	LF	WATTLE BARRIER
18	LF	SHOULDER BERM GUTTER	55	LB	POLYACRYLAMIDE (PAM)
150	LF	STEEL BEAM GUARDRAIL	3	ACR	SEEDING & MULCHING
100	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	1.5	ACR	MOWING
5	EA	ADDITIONAL GUARDRAIL POSTS	50	LB	SEED FOR REPAIR SEEDING
4	EA	GUARDRAIL END UNITS, TYPE AT-1	0.25	TON	FERTILIZER FOR REPAIR SEEDING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	50	LB	SEED FOR SUPPLEMENTAL SEEDING
2	EA	GUARDRAIL END UNITS, TYPE TL-2	1.25	TON	FERTILIZER TOPDRESSING
271	LF	REMOVE EXISTING GUARDRAIL	165	LF	IMPERVIOUS DIKE
100	LF	TEMPORARY STEEL BEAM GUARDRAIL	10	MHR	SPECIALIZED HAND MOWING
2	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)	1	MHR	MANUAL LITTER REMOVAL
150	TON	RIP RAP, CLASS I	0.25	TON	LITTER DISPOSAL
5	TON	RIP RAP, CLASS B	13	EA	RESPONSE FOR EROSION CONTROL
300	SY	GEOTEXTILE FOR DRAINAGE	4	EA	CONCRETE WASHOUT STRUCTURE
25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	0.1	ACR	REFORESTATION
46	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+89.50 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+89.50 -L-)
76.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+89.50 -L-)
10,658	LB	REINFORCING STEEL (BRIDGE)
12	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
210	LF	HP 14 X 73 STEEL PILES
12	EA	STEEL PILE POINTS
80	LF	VERTICAL CONCRETE BARRIER RAIL
190	TON	RIP RAP CLASS II (2'-0" THICK)
212	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
480	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L230718

001

CONTRACT ID : C204851 34497.3.12

DIV OFFICE SHELBY

LENGTH = 6.099 MI

COUNTY : CLEVELAND

GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

DBE GOAL 4.00 % COMPLETION DATE : APR 30, 2029

US-74 SHELBY BYPASS FROM EAST OF NC-150 TO WEST OF SR-1001 (STONE POINT RD).

ROADWAY ITEMS						
Lump Sum	LS	MOBILIZATION		Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR HAZARDOUS SPILL BASIN @ 655+58 -L- LT
Lump Sum	LS	CONSTRUCTION SURVEYING		Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR HAZARDOUS SPILL BASIN @ 682+60 -L- RT
Lump Sum	LS	FIELD OFFICE		Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR HAZARDOUS SPILL BASIN @ 686+94 -L- LT
5	ACR	SUPPLEMENTARY CLEARING & GRUBBING		300	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL
18	EA	SEALING ABANDONED WELLS		7,780	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
2,310,000	CY	UNCLASSIFIED EXCAVATION		22,470	SY	FOUNDATION CONDITIONING GEOTEXTILE
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (13+08.49 -Y42-)		608	LF	*** SIDE DRAIN PIPE (30")
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (20+16.72 -Y2-)		472	LF	*** SIDE DRAIN PIPE (36")
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (23+21.80 -Y3-)		332	LF	*** SIDE DRAIN PIPE (42")
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (36+78.38 -RAMP A-)		3,924	LF	15" SIDE DRAIN PIPE
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (810+00.00 -L- LT)		1,984	LF	18" SIDE DRAIN PIPE
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (810+00.00 -L- RT)		984	LF	24" SIDE DRAIN PIPE
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (849+00.00 -L- LT)		52	EA	*** SIDE DRAIN PIPE ELBOWS (15")
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (849+00.00 -L- RT)		28	EA	*** SIDE DRAIN PIPE ELBOWS (18")
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (849+00.00 -L- LT)		10	EA	*** SIDE DRAIN PIPE ELBOWS (24")
Lump Sum	LS	TYPE I STANDARD APPROACH FILL STATION ***** (849+00.00 -L- RT)		8	EA	*** SIDE DRAIN PIPE ELBOWS (30")
Lump Sum	LS	TYPE II MODIFIED APPROACH FILL, STATION ***** (19+82.46 -Y1-)		8	EA	*** SIDE DRAIN PIPE ELBOWS (36")
28,750	CY	UNDERCUT EXCAVATION		332	LF	*** RC PIPE CULVERTS, CONTRACTOR DESIGN (42")
1,200	SY	PRE-SPLITTING OF ROCK		348	LF	*** RC PIPE CULVERTS, CONTRACTOR DESIGN (48")
590,000	CY	BORROW EXCAVATION		368	LF	*** RC PIPE CULVERTS, CONTRACTOR DESIGN (54")
3	EA	EMBANKMENT SETTLEMENT GAUGES		248	LF	*** RC PIPE CULVERTS, CLASS ***** (30", V)
40,680	CY	DRAINAGE DITCH EXCAVATION		156	LF	*** RC PIPE CULVERTS, CLASS ***** (48", V)
5,500	LF	BERM DITCH CONSTRUCTION		348	LF	*** RC PIPE CULVERTS, CLASS ***** (66", V)
56,900	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT		9,192	LF	15" RC PIPE CULVERTS, CLASS III
90	HR	PROOF ROLLING		7,640	LF	18" RC PIPE CULVERTS, CLASS III
21,800	CY	SELECT GRANULAR MATERIAL, CLASS III		7,096	LF	24" RC PIPE CULVERTS, CLASS III
37,700	SY	GEOTEXTILE FOR SOIL STABILIZATION		4,284	LF	30" RC PIPE CULVERTS, CLASS III
14,780	SF	TEMPORARY SHORING		1,472	LF	36" RC PIPE CULVERTS, CLASS III
4,655	SY	REINFORCED SOIL SLOPES		16	LF	42" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 641+74 -L- LT		112	LF	48" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 668+45 -L- LT		204	LF	54" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 780+45 -L- LT		388	LF	66" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 813+87 -L- LT		852	LF	*** RC PIPE CULVERTS, CLASS IV (48")
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 885+44 -L- LT		156	LF	*** RC PIPE CULVERTS, CLASS IV (66")
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 886+66 -L- RT		4,110	LF	15" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 896+75 -L- RT		1,628	LF	18" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 896+75 -L- RT		1,196	LF	24" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 896+75 -L- RT		136	LF	30" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 896+75 -L- RT		284	LF	36" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASIN @ 896+75 -L- RT		1,436	LF	42" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR HAZARDOUS SPILL BASIN @ 647+57 -L- RT		228	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")

176	LF	15" CS PIPE CULVERTS, 0.064" THICK	39,360	LF	SHOULDER DRAIN
224	LF	18" CS PIPE CULVERTS, 0.064" THICK	39,360	LF	4" SHOULDER DRAIN PIPE
300	LF	24" CS PIPE CULVERTS, 0.064" THICK	3,200	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
178	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (16", 0.281")	60	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
78	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.312")	30	TON	BLOTTING SAND
86	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500")	20	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
98	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")	78.4	CY	ENDWALLS
210	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.688")	28.2	CY	REINFORCED ENDWALLS
114	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")	5,921	CY	PIPE COLLARS
178	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (16", 0.281")	0,342	CY	PIPE PLUGS
78	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.312")	403	CY	FLOWABLE FILL
86	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500")	367	EA	MASONRY DRAINAGE STRUCTURES
98	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")	38,394	CY	MASONRY DRAINAGE STRUCTURES
210	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.688")	201	LF	MASONRY DRAINAGE STRUCTURES
114	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")	2	EA	FRAME WITH GRATE, STD 840.**** (840.20)
5,626	LF	PIPE REMOVAL	7	EA	FRAME WITH GRATE, STD 840.22
1,620	SY	6" SLOPE PROTECTION	13	EA	FRAME WITH TWO GRATES, STD 840.16
151,515	SY	GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION	96	EA	FRAME WITH TWO GRATES, STD 840.20
Lump Sum	LS	FINE GRADING	182	EA	FRAME WITH TWO GRATES, STD 840.22
153,820	SY	LIME TREATED SOIL (SLURRY METHOD)	22	EA	FRAME WITH TWO GRATES, STD 840.24
1,860	TON	LIME FOR LIME TREATED SOIL	15	EA	FRAME WITH TWO GRATES, STD 840.29
570	TON	#57 STONE	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
3,600	CY	SHALLOW UNDERCUT	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
7,200	TON	CLASS IV SUBGRADE STABILIZATION	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1,000	TON	STABILIZER AGGREGATE	32	EA	FRAME WITH COVER, STD 840.54
153,300	TON	AGGREGATE BASE COURSE	1	EA	*** SLUICE GATE (18")
153,820	SY	SOIL CEMENT BASE	2	EA	*** SLUICE GATE (24")
4,320	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE	1	EA	*** SLUICE GATE (30")
3,440	TON	AGGREGATE FOR SOIL CEMENT BASE	400	LF	*** X *** CONCRETE CURB (8" X 18")
2,000	TON	INCIDENTAL STONE BASE	950	LF	1'-6" CONCRETE CURB & GUTTER
26,300	GAL	PRIME COAT	2,960	LF	2'-6" CONCRETE CURB & GUTTER
60,360	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	12,750	LF	SHOULDER BERM GUTTER
3,400	SY	INCIDENTAL MILLING	1,940	LF	CONCRETE EXPRESSWAY GUTTER
39,530	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	445	SY	6" CONCRETE DRIVEWAY
83,370	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	130	SY	4" CONCRETE PAVED DITCH
18,530	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1,180	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
64,680	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,100	LF	CONCRETE BARRIER, TYPE ***** (T)
10,810	TON	ASPHALT BINDER FOR PLANT MIX	1,000	LF	CONCRETE BARRIER, TYPE ***** (T1)
1,130	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	525	LF	CONCRETE BARRIER, TYPE ***** (T2 MODIFIED)
125,500	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	600	LF	CONCRETE BARRIER, TYPE ***** (T2)
1,000	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (12")	4,750	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
1,243.2	CY	SUBDRAIN EXCAVATION	7	EA	ADJUSTMENT OF DROP INLETS
2,700	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	4	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
168	CY	SUBDRAIN FINE AGGREGATE	9	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3
453.6	CY	SUBDRAIN COARSE AGGREGATE	55,950	LF	STEEL BEAM GUARDRAIL
2,700	LF	6" PERFORATED SUBDRAIN PIPE	250	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
8	EA	SUBDRAIN PIPE OUTLET	12	EA	STEEL BEAM GUARDRAIL TERMINAL SECTIONS
48	LF	6" OUTLET PIPE	20	EA	ADDITIONAL GUARDRAIL POSTS
			29	EA	GUARDRAIL END UNITS, TYPE CAT-1
			71	EA	GUARDRAIL END UNITS, TYPE TL-3
			22	EA	GUARDRAIL END UNITS, TYPE TL-2
			53	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			5,768	LF	REMOVE EXISTING GUARDRAIL
			1,050	LF	TEMPORARY STEEL BEAM GUARDRAIL
			4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-TR)

3	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	1	EA	DISPOSAL OF SUPPORT, WOOD
21,200	LF	DOUBLE FACED CABLE GUIDERAIL	11	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
20	EA	ADDITIONAL GUIDERAIL POSTS	235	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
28	EA	CABLE GUIDERAIL ANCHOR UNITS	2	EA	DISPOSAL OF SIGN SYSTEM, WOOD
1	EA	GENERIC GUARDRAIL ITEM (CAT-1)	3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
80,230	LF	WOVEN WIRE FENCE, 47" FABRIC	6	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
4,896	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	1	EA	DISPOSAL OF SIGN, A & B (GROUND MOUNTED)
1,529	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	1	EA	DISPOSAL OF SIGN, D, E OR F
1,280	LF	CHAIN LINK FENCE, 48" FABRIC	Lump Sum	LS	GENERIC SIGNING ITEM DISPOSAL OF FLASHER SYSTEM
107	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	1,106	SF	WORK ZONE SIGNS (STATIONARY)
8	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	672	SF	WORK ZONE SIGNS (PORTABLE)
200	LF	ADDITIONAL BARBED WIRE	313	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
9	EA	SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (48",12',12')	4	EA	FLASHING ARROW BOARD
9,790	TON	RIP RAP, CLASS I	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
9,120	TON	RIP RAP, CLASS II	1,255	EA	DRUMS
220	TON	RIP RAP, CLASS A	720	LF	BARRICADES (TYPE III)
10,760	TON	RIP RAP, CLASS B	275	DAY	FLAGGER
720	TON	BOULDERS	8	EA	TEMPORARY CRASH CUSHIONS
61,880	SY	GEOTEXTILE FOR DRAINAGE	5	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
31	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	3	EA	TMA
4	CY	PLAIN CONCRETE SIGN FOUNDATIONS	8,550	LF	PORTABLE CONCRETE BARRIER
172	CY	OVERHEAD FOOTING	5,770	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
19,640	LB	SUPPORTS, BREAKAWAY STEEL BEAM	96	HR	LAW ENFORCEMENT
14,604	LB	SUPPORTS, SIMPLE STEEL BEAM	396	EA	TEMPORARY RAISED PAVEMENT MARKERS
7,300	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	118,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (29+50 -L- RAMP D)	750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (815+20 -L-)	200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (845+35 -L-)	90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (846+85 -L-)	63	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (864+00 -L-)	3,200	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (871+00 -L-)	3,330	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (878+00 -L-)	1,300	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (II)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (905+00 -L-)	32	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)
37	EA	SIGN ERECTION, TYPE D	43	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
273	EA	SIGN ERECTION, TYPE E	347,898	LF	PAINT PAVEMENT MARKING LINES (4")
48	EA	SIGN ERECTION, TYPE F	17,200	LF	PAINT PAVEMENT MARKING LINES (8")
6	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	60	LF	PAINT PAVEMENT MARKING LINES (24")
5	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)	8	EA	PAINT PAVEMENT MARKING CHARACTER
46	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	6	EA	PAINT PAVEMENT MARKING SYMBOL
13	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	15,600	LF	POLYUREA PAVEMENT MARKING LINES, ** MILS (STANDARD GLASS BEADS) (12", 20 MILS)
18	EA	SIGN ERECTION, MILEMARKERS	228,500	LF	POLYUREA PAVEMENT MARKING LINES, ** MILS (STANDARD GLASS BEADS) (6", 20 MILS)
6	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	50	LF	POLYUREA PAVEMENT MARKING LINES, ** MILS (STANDARD GLASS BEADS) (8", 20 MILS)
1	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (B)	100	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (D)	1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (E)	400	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
4	EA	SIGN ERECTION, REPOSITION OVERHEAD	5	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
11	EA	DISPOSAL OF SUPPORT, STEEL BEAM	10	EA	PERMANENT RAISED PAVEMENT MARKERS
			3,185	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
			18	EA	7' U-CHANNEL POSTS
			18	EA	OBJECT MARKERS (END OF ROAD)
			Lump Sum	LS	PORTABLE LIGHTING

640	LF	4" WATER LINE	10.25	TON	FERTILIZER FOR REPAIR SEEDING
9,681	LF	6" WATER LINE	6,300	LB	SEED FOR SUPPLEMENTAL SEEDING
2,174	LF	8" WATER LINE	188.75	TON	FERTILIZER TOPDRESSING
5,029	LF	12" WATER LINE	600	LF	IMPERVIOUS DIKE
30,750	LB	DUCTILE IRON WATER PIPE FITTINGS	220	MHR	SPECIALIZED HAND MOWING
2	EA	4" VALVE	100	MHR	MANUAL LITTER REMOVAL
16	EA	6" VALVE	10	TON	LITTER DISPOSAL
5	EA	8" VALVE	200	EA	RESPONSE FOR EROSION CONTROL
17	EA	12" VALVE	20	EA	CONCRETE WASHOUT STRUCTURE
5	EA	1" AIR RELEASE VALVE	2,100	CY	CULVERT DIVERSION CHANNEL
2	EA	4" BLOW OFF	3.3	ACR	REFORESTATION
1	EA	3/4" WATER METER	1.5	ACR	STREAMBANK REFORESTATION
24	EA	RELOCATE WATER METER	21	EA	GENERIC EROSION CONTROL ITEM LOG
7	EA	RECONNECT WATER METER			
3	EA	FIRE HYDRANT	Lump Sum	LS	GENERIC EROSION CONTROL ITEM CONSTRUCTION SURVEYING FOR MITIGATION
2	EA	RELOCATE FIRE HYDRANT	Lump Sum	LS	GENERIC EROSION CONTROL ITEM DIVERSION PUMPING FOR MITIGATION
95	LF	FIRE HYDRANT LEG	Lump Sum	LS	GENERIC EROSION CONTROL ITEM SITE GRADING FOR MITIGATION
2,955	LF	WATER SERVICE LINE			
2,312	LF	12" FORCE MAIN SEWER	1,500	CY	GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL
1	EA	SANITARY SEWER CLEAN-OUT			
10	LF	SEWER SERVICE LINE	630	LF	GENERIC EROSION CONTROL ITEM BRUSH TOE
3,460	LB	DUCTILE IRON SEWER PIPE FITTINGS			CULVERT ITEMS
500	LF	ABANDON *** UTILITY PIPE (2")	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (717+13.00 -L-)
210	LF	ABANDON 8" UTILITY PIPE	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (743+18.00 -L-)
1,102	LF	ABANDON 12" UTILITY PIPE	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (796+86.00 -L-)
25	EA	REMOVE WATER METER			
3	EA	REMOVE FIRE HYDRANT	1,995	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
210	LF	12" ENCASMENT PIPE	1,974.8	CY	CLASS A CONCRETE (CULVERT)
1,195	LF	24" ENCASMENT PIPE	311,704	LB	REINFORCING STEEL (CULVERT)
235	LF	BORE AND JACK OF *** (12")			WALL ITEMS
340	LF	BORE AND JACK OF *** (24")	290	LF	CONCRETE BARRIER RAIL WITH MOMENT SLAB
230	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASMENT	1,750	SF	MSE RETAINING WALL NO **** (1)
169,330	LF	TEMPORARY SILT FENCE	169,000	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL)
6,060	TON	STONE FOR EROSION CONTROL, CLASS A			
39,755	TON	STONE FOR EROSION CONTROL, CLASS B	16,487	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO. NW10A
18,890	TON	SEDIMENT CONTROL STONE	87,214	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL NO. NW3A
307.5	ACR	TEMPORARY MULCHING			STRUCTURE ITEMS
16,600	LB	SEED FOR TEMPORARY SEEDING	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (849+00.00 -L- LT)
86	TON	FERTILIZER FOR TEMPORARY SEEDING			
20,830	LF	TEMPORARY SLOPE DRAINS	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (849+00.00 -L- RT)
3,560	LF	SAFETY FENCE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (849+00.00 -L- LT)
180,510	CY	SILT EXCAVATION	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (849+00.00 -L- RT)
409,000	SY	MATting FOR EROSION CONTROL	Lump Sum	LS	ASBESTOS ASSESSMENT
6,655	SY	COIR FIBER MAT	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 13+08.49 -Y42-)
6,700	SY	PERMANENT SOIL REINFORCEMENT MAT	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 19+82.46 -Y1-)
21,990	LF	1/4" HARDWARE CLOTH	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 20+16.72 -Y2-)
1,380	SY	FLOATING TURBIDITY CURTAIN	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 23+21.80 -Y3-)
240	CY	STILLING BASINS	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 36+78.38 -RAMP A-)
58	EA	SPECIAL STILLING BASINS			
12,180	LF	COIR FIBER WATTLE	251	LF	PILE EXCAVATION IN SOIL
1,010	LF	COIR FIBER WATTLE BARRIER	218	LF	PILE EXCAVATION NOT IN SOIL
15,520	LB	POLYACRYLAMIDE (PAM)	199.2	LF	4'-0" DIA DRILLED PIERS IN SOIL
26,185	LF	COIR FIBER BAFFLE	183.4	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
29	EA	*** SKIMMER (1-1/2")			
33	EA	*** SKIMMER (2")			
9	EA	*** SKIMMER (2-1/2")			
1	EA	*** SKIMMER (3")			
7	EA	*** SKIMMER (4")			
282	ACR	SEEDING & MULCHING			
178	ACR	MOWING			
3,450	LB	SEED FOR REPAIR SEEDING			

186.8	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
4	EA	PDA TESTING
2	EA	SID INSPECTIONS
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (849+00.00 -L- LT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (849+00.00 -L- RT)
103,381	SF	REINFORCED CONCRETE DECK SLAB
107,943	SF	GROOVING BRIDGE FLOORS
1,824.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+08.49 -Y42-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+82.46 -Y1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+16.72 -Y2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+21.80 -Y3-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (36+78.38 -RAMP A-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (810+00.00 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (810+00.00 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (849+00.00 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (849+00.00 -L- RT)
348,669	LB	REINFORCING STEEL (BRIDGE)
24,421	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
5,940	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
141	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
144	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
7,065	LF	HP 12 X 53 STEEL PILES
5,145	LF	HP 14 X 73 STEEL PILES
23	EA	STEEL PILE POINTS
105	LF	PREDRILLING FOR PILES
3,801.92	LF	CONCRETE BARRIER RAIL
280.7	LF	CONCRETE MEDIAN BARRIER
3,446	SY	4" SLOPE PROTECTION
1,223	TON	RIP RAP CLASS II (2'-0" THICK)
1,370	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
3,116.3	LF	GENERIC STRUCTURE ITEM 54" PRESTRESSED CONCRETE FLORIDA I- BEAMS
2,472.47	LF	GENERIC STRUCTURE ITEM MODIFIED 54" PRESTRESSED CONCRETE GIRDERS