



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](mailto:InterestedPartiesHelp@ncdot.gov).

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

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

DocuSigned by:  
  
F81B6038A47A442...



## Interested Parties List

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

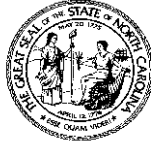
*You are no longer required to be a Plan Holder to bid for any lettings occurring June 1, 2022, or later.*

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

### To Register:

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

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



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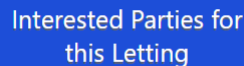
## NOTICE OF DBE OPPORTUNITIES

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

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

### [Central Highway Lettings](#)

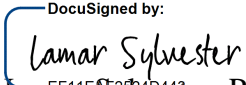
Additionally, if you are interested in providing subcontractor work for any of the listed projects, we strongly encourage you to solicit each of the contractors bidding on the projects to see if they are interested in receiving a quote. Potential bidders or subcontractors may sign themselves up and provide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



Interested Parties for  
this Letting

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

Sincerely,

DocuSigned by:  
  
Lamar Sylvester, PE  
Chief Engineer  
Division of Highways

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
OFFICE OF THE CHIEF ENGINEER  
MAIL SERVICE CENTER 1536  
RALEIGH NC 27699-1536

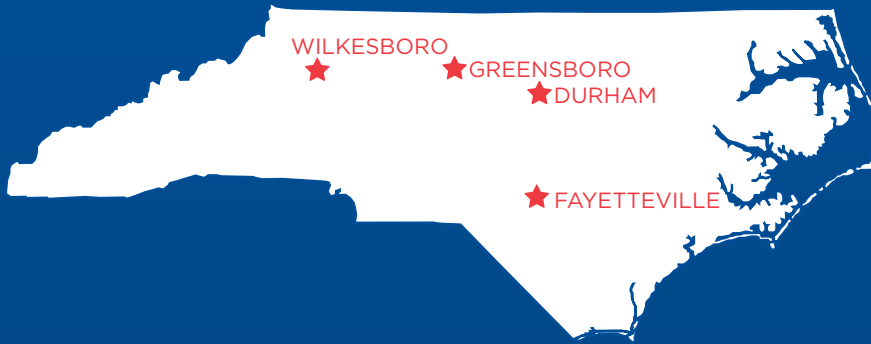
TELEPHONE: 919-707-2500  
FAX: 919-733-9428  
Customer Service: 1-877-368-4968

WEBSITE: [WWW.NCDOT.GOV](http://WWW.NCDOT.GOV)

**LOCATION:**  
1 SOUTH WILMINGTON STREET  
RALEIGH NC 27601



# 2024 NCDOT TECHNICAL TRAINING SCHEDULE



## DURHAM

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

## GREENSBORO

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

## FAYETTEVILLE

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

## WILKESBORO

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

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

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



**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 18, 2024. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

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

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

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS THEY ELECT TO FURNISH A BID DEPOSIT.

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

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

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

**CONTRACTOR'S LICENSE:** A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTOR'S LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, VISIT THE CONTRATOR LICENSING BOARD WEBSITE AT <https://www.nclbgc.org> OR EMAIL [licensing@nclbgc.org](mailto:licensing@nclbgc.org).

**PREQUALIFYING TO BID:** ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE PREQUALIFICATION SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT AT <https://connect.ncdot.gov/business/Prequal/Pages/default.aspx>. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES MANAGEMENT SECTION AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY ENSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR VISITING THE WEBSITE AT: <https://connect.ncdot.gov/letting/Pages/Order-Plans.aspx>. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7.25% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE **"N.C. DEPARTMENT OF TRANSPORTATION"**.

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS MAY 21, 2024.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

## REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

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

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

Bid Letting Number: L240618

RPN Contract Id	WBS	County	Length	Job Type
001	C204204 46932.3.1	WAKE	0.677 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
002	C204732 45565.3.1, ETC.	DARE	0.923 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C204964 2024CPT.03.07.10101, ETC.	BRUNSWICK	14.560 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
004	C204965 2024CPT.03.12.10821, ETC.	SAMPSON	24.450 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
005	C204963 2024CPT.05.17.20351.1, ETC.	FRANKLIN, WAKE	11.796 MI	MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.
006	C204962 2024CPT.05.18.10731.1, ETC.	PERSON	14.564 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
007	C204929 67093.3.1	ROCKINGHAM	2.921 MI	DRAINAGE, GRADING, PAVING, AND STRUCTURE.
008	C204455 15BPR.130.3	CHATHAM, MOORE	0.517 MI	BRIDGE PRESERVATION.
009	C204951 49218.16, ETC.	HOKE, CUMBERLAND	25.360 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
010	C204501 42370.3.3	MECKLENBURG	1.790 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
011	C204950 67062.3.1	ANSON	0.240 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
012	C204935 44382.3.1	YADKIN	0.678 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALLS.
013	C204960 2024CPT.13.14.20811	RUTHERFORD	25.321 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

Bid Letting Number: L240723

RPN Contract Id	WBS	County	Length	Job Type
001	C204878 34165.3.6, ETC.	BUNCOMBE	2.750 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618

001

CONTRACT ID : C204204

46932.3.1

DIV OFFICE DURHAM

LENGTH = 0.677 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 3.00% COMPLETION DATE : APR 07, 2027

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

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



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

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

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L240618

002

CONTRACT ID : C204732

45565.3.1

DIV OFFICE EDENTON

LENGTH = 0.923 MI

COUNTY : DARE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.00% COMPLETION DATE : NOV 18, 2025

BRIDGE #270008 OVER THE SLASH CREEK ON NC-12 AND SR-1241(EAGLE PASS RD) FROM NC-12 TO NC-12.

ROADWAY ITEMS					
			230	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	MOBILIZATION	1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	CONSTRUCTION SURVEYING	200	LF	STEEL BEAM GUARDRAIL
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	5	EA	ADDITIONAL GUARDRAIL POSTS
300	CY	UNDERCUT EXCAVATION	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
Lump Sum	LS	GRADING	2	EA	GUARDRAIL END UNITS, TYPE TL-2
2,030	CY	BORROW EXCAVATION	15	TON	RIP RAP, CLASS B
300	CY	SELECT GRANULAR MATERIAL	190	SY	GEOTEXTILE FOR DRAINAGE
300	SY	GEOTEXTILE FOR SOIL STABILIZATION	25.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
Lump Sum	LS	GENERIC GRADING ITEM TYPE I BRIDGE APPROACH FILL, STA 15+42.50 -L-	54	LF	SUPPORTS, WOOD
220	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	4	EA	SIGN ERECTION, TYPE E
550	SY	FOUNDATION CONDITIONING GEOTEXTILE	10	EA	DISPOSAL OF SIGN SYSTEM, WOOD
80	LF	18" DRAINAGE PIPE	413	SF	WORK ZONE SIGNS (STATIONARY)
344	LF	*** CAA PIPE CULVERTS, ***** THICK (15", 0.064")	96	SF	WORK ZONE SIGNS (PORTABLE)
64	LF	*** CAA PIPE CULVERTS, ***** THICK (18", 0.064")	119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
108	LF	*** CAA PIPE CULVERTS, ***** THICK (24", 0.064")	264	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
292	LF	*** CAA PIPE CULVERTS, ***** THICK (30", 0.079")	42	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
292	LF	*** CAA PIPE CULVERTS, ***** THICK (36", 0.079")	26	EA	DRUMS
859	LF	PIPE REMOVAL	80	LF	BARRICADES (TYPE III)
485	TON	INCIDENTAL STONE BASE	18	LF	PEDESTRIAN CHANNELIZING DEVICES
1.52	SMI	SHOULDER RECONSTRUCTION	4	DAY	FLAGGER
5	TON	AGGREGATE SHOULDER BORROW	Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
910	SY	INCIDENTAL MILLING	3	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES
760	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	360	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE
550	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	2,736	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,245	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
215	TON	ASPHALT BINDER FOR PLANT MIX	200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
220	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	388	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
19	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH, 0-5")	16,200	LF	PAINT PAVEMENT MARKING LINES (4")
44.8	CY	SUBDRAIN EXCAVATION	160	LF	PAINT PAVEMENT MARKING LINES (8")
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	200	LF	PAINT PAVEMENT MARKING LINES (24")
33.6	CY	SUBDRAIN COARSE AGGREGATE	16,200	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 55 MILS)
200	LF	6" PERFORATED SUBDRAIN PIPE	116	LF	3" WATER LINE
1	EA	SUBDRAIN PIPE OUTLET	16	LF	4" WATER LINE
6	LF	6" OUTLET PIPE	907	LF	6" WATER LINE
1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	2,130	LB	DUCTILE IRON WATER PIPE FITTINGS
26	EA	MASONRY DRAINAGE STRUCTURES	2	EA	*** VALVE (3")
7	LF	MASONRY DRAINAGE STRUCTURES	1	EA	4" VALVE
2	EA	FRAME WITH GRATE, STD 840.**** (840.39)	7	EA	6" VALVE
11	EA	FRAME WITH TWO GRATES, STD 840.16	1	EA	*** TAPPING SLEEVE & VALVE (3")
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	1	EA	4" TAPPING SLEEVE & VALVE
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	2	EA	6" TAPPING SLEEVE & VALVE
1	EA	FRAME WITH COVER, STD 840.54	6	EA	3/4" WATER METER
1,160	LF	2'-6" CONCRETE CURB & GUTTER	5	EA	RECONNECT WATER METER
655	SY	4" CONCRETE SIDEWALK	2	EA	FIRE HYDRANT
6	EA	CONCRETE CURB RAMPS	43	LF	FIRE HYDRANT LEG
			458	LF	*** WATER SERVICE LINE (1")

112	LF	ABANDON *** UTILITY PIPE (3")	1,520	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
16	LF	ABANDON *** UTILITY PIPE (4")			
623	LF	ABANDON 6" UTILITY PIPE			
6	EA	REMOVE WATER METER			
2	EA	REMOVE FIRE HYDRANT			
330	LF	DIRECTIONAL DRILLING OF *** (6")			
5,585	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
55	TON	STONE FOR EROSION CONTROL, CLASS B			
175	TON	SEDIMENT CONTROL STONE			
1	ACR	TEMPORARY MULCHING			
100	LB	SEED FOR TEMPORARY SEEDING			
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
200	LF	TEMPORARY SLOPE DRAINS			
520	LF	SAFETY FENCE			
110	CY	SILT EXCAVATION			
1,500	SY	MATTING FOR EROSION CONTROL			
300	SY	COIR FIBER MAT			
710	LF	1/4" HARDWARE CLOTH			
445	SY	FLOATING TURBIDITY CURTAIN			
10	LB	FLOCCULANT			
150	LF	COIR FIBER WATTLE			
3.8	ACR	SEEDING & MULCHING			
0.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
0.5	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
1	MHR	MANUAL LITTER REMOVAL			
1	TON	LITTER DISPOSAL			
14	EA	RESPONSE FOR EROSION CONTROL			
2	EA	CONCRETE WASHOUT STRUCTURE			
105	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT			
35	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 2			
		<b>STRUCTURE ITEMS</b>			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+42.50 -L-)			
Lump Sum	LS	ASBESTOS ASSESSMENT			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+42.50 -L-)			
3,235	SF	CONCRETE WEARING SURFACE			
4,499	SF	GROOVING BRIDGE FLOORS			
123.7	CY	CLASS AA CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+42.50 -L-)			
12,889	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)			
14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** PRESTRESSED CONCRETE PILES (12")			
8	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)			
420	LF	12" PRESTRESSED CONCRETE PILES			
160	LF	24" PRESTRESSED CONCRETE PILES			
400	LF	HP 12 X 53 STEEL PILES			
11	EA	PILE REDRIVES			
3	EA	DYNAMIC PILE TESTING			
175.25	LF	TWO BAR METAL RAIL			
190.25	LF	1'-** X ***** CONCRETE PARAPET (1'-2" X 3'-7 1/16")			
308	TON	RIP RAP CLASS II (2'-0" THICK)			
342	SY	GEOTEXTILE FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618 003

CONTRACT ID : C204964 2024CPT.03.07.10101 DIV OFFICE CASTLE HAYNE LENGTH = 14.560 MI

COUNTY : BRUNSWICK

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 4.00% COMPLETION DATE : MAY 01, 2026

1 SECTION OF NC-87, AND 8 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,651	CY	BORROW EXCAVATION
329	TON	INCIDENTAL STONE BASE
27.06	SMI	SHOULDER RECONSTRUCTION
7,398	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1")
3,402	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
2,001	SY	MILLING ASPHALT PAVEMENT, ***" TO ***** (0" TO 1-1/2")
2,474	SY	INCIDENTAL MILLING
7,526	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
10,133	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
105	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
9,386	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
30	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,690	TON	ASPHALT BINDER FOR PLANT MIX
48	TON	PATCHING EXISTING PAVEMENT (FULL DEPTH)
2,635	TON	PATCHING EXISTING PAVEMENT (MILL)
1	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,264	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
80	HR	LAW ENFORCEMENT
238,011	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
784	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
478	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
42	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,680	LF	PAINT PAVEMENT MARKING LINES (4")
840	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
330	EA	PERMANENT RAISED PAVEMENT MARKERS
656	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
1,359	LF	TEMPORARY SILT FENCE
339	TON	STONE FOR EROSION CONTROL, CLASS B
339	TON	SEDIMENT CONTROL STONE
13.63	ACR	TEMPORARY MULCHING
682	LB	SEED FOR TEMPORARY SEEDING
3.4	TON	FERTILIZER FOR TEMPORARY SEEDING
110	SY	MATTING FOR EROSION CONTROL
680	LF	1/4" HARDWARE CLOTH
230	LF	WATTLE
13.1	ACR	SEEDING & MULCHING
682	LB	SEED FOR REPAIR SEEDING
4.05	TON	FERTILIZER FOR REPAIR SEEDING
36	EA	RESPONSE FOR EROSION CONTROL
400	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618

004

CONTRACT ID : C204965

2024CPT.03.12.10821

DIV OFFICE CASTLE HAYNE

LENGTH = 24.450 MI

COUNTY : SAMPSON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.00% COMPLETION DATE : MAY 01, 2026

1 SECTION EACH OF NC-50 AND NC-55, AND 10 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,948	CY	GENERIC GRADING ITEM STATE FURNISHED BORROW EXCAVATION
48.32	SMI	GENERIC GRADING ITEM SHOULDER RECONSTRUCTION STATE FURNISHED BORROW EXCAVATION
458	TON	INCIDENTAL STONE BASE
868	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2")
1,815	SY	MILLING ASPHALT PAVEMENT, ****" TO ***** (0" TO 1-1/2")
10,147	SY	INCIDENTAL MILLING
3,296	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
20,562	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
105	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
7,256	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
25	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,965	TON	ASPHALT BINDER FOR PLANT MIX
71	TON	PATCHING EXISTING PAVEMENT (FULL DEPTH)
413	TON	PATCHING EXISTING PAVEMENT (MILL)
2,384	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
80	HR	LAW ENFORCEMENT
408,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,692	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
675	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
104	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
66	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,676	LF	PAINT PAVEMENT MARKING LINES (4")
500	LF	PAINT PAVEMENT MARKING LINES (8")
1,338	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
250	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
1,412	EA	PERMANENT RAISED PAVEMENT MARKERS
381	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
2,400	LF	TEMPORARY SILT FENCE
603	TON	STONE FOR EROSION CONTROL, CLASS B
603	TON	SEDIMENT CONTROL STONE
23.93	ACR	TEMPORARY MULCHING
1,212	LB	SEED FOR TEMPORARY SEEDING
6.03	TON	FERTILIZER FOR TEMPORARY SEEDING
220	SY	MATTING FOR EROSION CONTROL
1,212	LF	1/4" HARDWARE CLOTH
450	LF	WATTLE
23.5	ACR	SEEDING & MULCHING
1,212	LB	SEED FOR REPAIR SEEDING
6.04	TON	FERTILIZER FOR REPAIR SEEDING
54	EA	RESPONSE FOR EROSION CONTROL

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618 005

CONTRACT ID : C204963 2024CPT.05.17.20351.1 DIV OFFICE DURHAM LENGTH = 11.796 MI

COUNTY : FRANKLIN, WAKE

MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.

DBE GOAL 4.00% COMPLETION DATE : NOV 15, 2025

## 42 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
573	TON	INCIDENTAL STONE BASE
3.62	SMI	SHOULDER RECONSTRUCTION
336	TON	AGGREGATE SHOULDER BORROW
930	SY	MILLING ASPHALT PAVEMENT, ***" TO ***** (0" TO 1-1/4")
7,772	SY	INCIDENTAL MILLING
370	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
11,635	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
809	TON	ASPHALT BINDER FOR PLANT MIX
777	TON	PATCHING EXISTING PAVEMENT
5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,312	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
72,002	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618 006

CONTRACT ID : C204962

2024CPT.05.18.10731.1

DIV OFFICE DURHAM

LENGTH = 14.564 MI

COUNTY : PERSON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.00% COMPLETION DATE : NOV 15, 2025

1 SECTION OF US-158, AND 6 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
11	TON	INCIDENTAL STONE BASE
27.5	SMI	SHOULDER RECONSTRUCTION
5,052	TON	AGGREGATE SHOULDER BORROW
84,550	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
5,025	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2-1/2")
817	SY	MILLING ASPHALT PAVEMENT, ***" TO ***** (1-1/2" TO 2-1/2")
4,959	SY	INCIDENTAL MILLING
8,948	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
7,584	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,032	TON	ASPHALT BINDER FOR PLANT MIX
75	TON	PATCHING EXISTING PAVEMENT
6	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,857	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
40	HR	LAW ENFORCEMENT
316,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
440	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
70,140	LF	PAINT PAVEMENT MARKING LINES (4")
952	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
430	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
750	LF	INDUCTIVE LOOP SAWCUT



STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618

007

CONTRACT ID: C204929

67093.3.1

DIV OFFICE GREENSBORO

LENGTH = 2.921 MI

COUNTY : ROCKINGHAM

DRAINAGE, GRADING, PAVING, AND STRUCTURE.

DBE GOAL 3.00% COMPLETION DATE : MAY 14, 2026

BRIDGE #780035 OVER MAYO RIVER ON NC-770 AND SR- 1395 (JANET ROAD) FROM US-220 TO NC-770.

ROADWAY ITEMS						
			1	EA	FRAME WITH COVER, STD 840.54	
			170	LF	SHOULDER BERM GUTTER	
Lump Sum	LS	MOBILIZATION	512.5	LF	STEEL BEAM GUARDRAIL	
Lump Sum	LS	CONSTRUCTION SURVEYING	5	EA	ADDITIONAL GUARDRAIL POSTS	
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM BOATER SAFETY PLAN	4	EA	GUARDRAIL END UNITS, TYPE TL-3	
5,850	CY	UNCLASSIFIED EXCAVATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	370	LF	REMOVE EXISTING GUARDRAIL	
450	CY	UNDERCUT EXCAVATION	108	TON	RIP RAP, CLASS I	
Lump Sum	LS	GRADING	1,266	SY	GEOTEXTILE FOR DRAINAGE	
220	CY	BORROW EXCAVATION	22	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
35	CY	DRAINAGE DITCH EXCAVATION	2	EA	SIGN ERECTION, TYPE D	
400	CY	SELECT GRANULAR MATERIAL	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)	
500	SY	GEOTEXTILE FOR SOIL STABILIZATION	5	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	
170	SY	ROCK PLATING	854	SF	WORK ZONE SIGNS (STATIONARY)	
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 17+85.52 -L-	192	SF	WORK ZONE SIGNS (PORTABLE)	
70	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	194	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
210	SY	FOUNDATION CONDITIONING GEOTEXTILE	78	EA	CONES	
96	LF	36" RC PIPE CULVERTS, CLASS III	144	LF	BARRICADES (TYPE III)	
152	LF	15" RC PIPE CULVERTS, CLASS IV	60	DAY	FLAGGER	
72	LF	18" RC PIPE CULVERTS, CLASS IV	60,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
270	LF	15" CS PIPE CULVERTS, 0.064" THICK	165	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	
30	LF	18" CS PIPE CULVERTS, 0.064" THICK	40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	
6	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	59,136	LF	PAINT PAVEMENT MARKING LINES (4")	
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	3,600	LF	POLYUREA PAVEMENT MARKING LINES (** , *** MILS) (4", 30 MILS)	
36	LF	PIPE REMOVAL	4	EA	PERMANENT RAISED PAVEMENT MARKERS	
100	CY	SHALLOW UNDERCUT	9	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	
200	TON	CLASS IV SUBGRADE STABILIZATION	1,365	LF	TEMPORARY SILT FENCE	
300	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	225	TON	STONE FOR EROSION CONTROL, CLASS A	
60	TON	AGGREGATE BASE COURSE	615	TON	STONE FOR EROSION CONTROL, CLASS B	
1,150	TON	INCIDENTAL STONE BASE	540	TON	SEDIMENT CONTROL STONE	
5.5	SMI	SHOULDER RECONSTRUCTION	1.6	ACR	TEMPORARY MULCHING	
624	TON	AGGREGATE SHOULDER BORROW	100	LB	SEED FOR TEMPORARY SEEDING	
440	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	1.5	TON	FERTILIZER FOR TEMPORARY SEEDING	
494	SY	INCIDENTAL MILLING	200	LF	TEMPORARY SLOPE DRAINS	
3,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	640	LF	SAFETY FENCE	
340	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1,240	CY	SILT EXCAVATION	
8,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	3,000	SY	MATTING FOR EROSION CONTROL	
690	TON	ASPHALT BINDER FOR PLANT MIX	315	SY	COIR FIBER MAT	
1,000	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	380	LF	1/4" HARDWARE CLOTH	
200	TON	PATCHING EXISTING PAVEMENT	100	SY	LOW PERMEABILITY GEOTEXTILE	
70	CY	SUBDRAIN EXCAVATION	485	SY	FLOATING TURBIDITY CURTAIN	
300	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	10	EA	SPECIAL STILLING BASINS	
55	CY	SUBDRAIN COARSE AGGREGATE	150	LB	FLOCCULANT	
300	LF	6" PERFORATED SUBDRAIN PIPE	490	LF	COIR FIBER BAFFLE	
1	EA	SUBDRAIN PIPE OUTLET	3	EA	*** SKIMMER (1-1/2")	
6	LF	6" OUTLET PIPE	1.6	ACR	SEEDING & MULCHING	
3.4	CY	ENDWALLS	0.8	ACR	MOWING	
9	EA	MASONRY DRAINAGE STRUCTURES	50	LB	SEED FOR REPAIR SEEDING	
2.4	LF	MASONRY DRAINAGE STRUCTURES	0.25	TON	FERTILIZER FOR REPAIR SEEDING	
4	EA	FRAME WITH TWO GRATES, STD 840.22	50	LB	SEED FOR SUPPLEMENTAL SEEDING	
4	EA	FRAME WITH TWO GRATES, STD 840.29				

1	TON	FERTILIZER TOPDRESSING
0.8	ACR	RESIDENTIAL SEEDING
10	MHR	SPECIALIZED HAND MOWING
1	MHR	MANUAL LITTER REMOVAL
1	TON	LITTER DISPOSAL
15	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
0.2	ACR	REFORESTATION

#### STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+85.52 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+85.52 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
20	LF	3'-6" DIA DRILLED PIERS IN SOIL
58.2	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
33.6	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTIONS
2	EA	SPT TESTING
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+85.52 -L-)
10,738	SF	REINFORCED CONCRETE DECK SLAB
9,835	SF	GROOVING BRIDGE FLOORS
157.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+85.52 -L-)
33,871	LB	REINFORCING STEEL (BRIDGE)
3,971	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,144.33	LF	FIB *** PRESTRESSED CONCRETE GIRDERS (54")
18	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
630	LF	HP 12 X 53 STEEL PILES
9	EA	PILE REDRIVES
1	EA	DYNAMIC PILE TESTING
576.55	LF	CONCRETE BARRIER RAIL
2,500	TON	RIP RAP CLASS II (2'-0" THICK)
2,780	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618 008

CONTRACT ID : C204455 15BPR.130.3 DIV OFFICE CARTHAGE LENGTH = 0.517 MI

COUNTY : CHATHAM, MOORE

BRIDGE PRESERVATION.

DBE GOAL 1.00% COMPLETION DATE : NOV 15, 2025

BRIDGES #180007, #180477, #620049, AND #620072 OVER THE DEEP RIVER ON US-1 SOUTH, SR-1621, AND NC-22.

				3,255.6	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK	
Lump Sum	LS	MOBILIZATION		3,255.6	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING OF LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH	
312	SY	INCIDENTAL MILLING		8,009.8	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING POLYMER CONCRETE OVERLAY	
26.4	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		11,265.4	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK	
1.6	TON	ASPHALT BINDER FOR PLANT MIX		8,009.8	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK	
233	SF	WORK ZONE SIGNS (STATIONARY)		48	EA	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING BEARINGS WITH HRCS	
616	SF	WORK ZONE SIGNS (PORTABLE)		6	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #620049	
22	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)		1	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE #620072	
2	EA	FLASHING ARROW BOARD					***** BEGIN SCHEDULE AA*****
180	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)					***** ( 2 ALTERNATES ) *****
55	EA	DRUMS		222.5	CY	GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS	
16	EA	SEQUENTIAL FLASHING WARNING LIGHTS					*** OR ***
58	EA	CONES		222.5	CY	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS	
16	LF	BARRICADES (TYPE III)					*** END SCHEDULE AA***
180	DAY	FLAGGER					
1	EA	TMA					
304	HR	LAW ENFORCEMENT					
3,699	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (4", 20 MILS)					
4,085	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (6", 20 MILS)					
30	EA	PERMANENT RAISED PAVEMENT MARKERS					
Lump Sum	LS	PORTABLE LIGHTING					
		<b>STRUCTURE ITEMS</b>					
92,786.3	SF	GROOVING BRIDGE FLOORS					
Lump Sum	LS	POLLUTION CONTROL					
218.7	SY	CLASS II, SURFACE PREPARATION					
69.4	CF	CONCRETE REPAIRS					
439.7	CF	SHOTCRETE REPAIRS					
448	LF	EPOXY RESIN INJECTION					
Lump Sum	LS	GENERIC STRUCTURE ITEM DRIFT REMOVAL					
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #620049					
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR ZONE PAINTING					
Lump Sum	LS	GENERIC STRUCTURE ITEM ZONE PAINTING OF EXISTING STRUCTURE					
1,017	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION					
136	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH					
100.7	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION					
12.3	CF	GENERIC STRUCTURE ITEM REPAIRS FOR PRESTRESSED CONCRETE GIRDERS					
280	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION					
5,267.9	SF	GENERIC STRUCTURE ITEM EPOXY COATING					
11,731	SF	GENERIC STRUCTURE ITEM SILANE BARRIER RAIL TREATMENT					
11,731	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR SILANE BARRIER RAIL TREATMENT					
71.5	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY					

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618 009

CONTRACT ID: C204951 49218.16

DIV OFFICE CARTHAGE

LENGTH = 25.360 MI

COUNTY : HOKE, CUMBERLAND

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 3.00% COMPLETION DATE : JUN 01, 2026

6 NON-SYSTEM ROADS.

		ROADWAY ITEMS - NPAR (USAG FORT BRAGG)			
				205	TON STONE FOR EROSION CONTROL, CLASS B
Lump Sum	LS	MOBILIZATION		80	TON SEDIMENT CONTROL STONE
Lump Sum	LS	CONSTRUCTION SURVEYING		1.5	ACR TEMPORARY MULCHING
Lump Sum	LS	GRADING		300	LB SEED FOR TEMPORARY SEEDING
	20	CY DRAINAGE DITCH EXCAVATION		1.5	TON FERTILIZER FOR TEMPORARY SEEDING
	295,650	SY GENERIC GRADING ITEM SOIL CEMENT BASE (FULL DEPTH RECLAMATION)		600	LF SAFETY FENCE
	13,467	TON AGGREGATE BASE COURSE		280	CY SILT EXCAVATION
	9,358	TON PORTLAND CEMENT FOR SOIL CEMENT BASE		650	SY MATTING FOR EROSION CONTROL
	350	TON INCIDENTAL STONE BASE		120	LF 1/4" HARDWARE CLOTH
	48.7	SMI SHOULDER RECONSTRUCTION		640	LF WATTLE
	6,902	TON AGGREGATE SHOULDER BORROW		1.5	ACR SEEDING & MULCHING
	8,227	SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")		40	ACR MOWING
	101,209	SY MILLING ASPHALT PAVEMENT, ***" DEPTH (2")		150	LB SEED FOR REPAIR SEEDING
	944	SY INCIDENTAL MILLING		0.75	TON FERTILIZER FOR REPAIR SEEDING
	560	TON ASPHALT CONC BASE COURSE, TYPE B25.0C		150	LB SEED FOR SUPPLEMENTAL SEEDING
	340	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C		75	MHR SPECIALIZED HAND MOWING
	55,455	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C		10	EA RESPONSE FOR EROSION CONTROL
	3,327	TON ASPHALT BINDER FOR PLANT MIX			
	270	TON PATCHING EXISTING PAVEMENT			
	295,650	SY ASPHALT SURFACE TREATMENT, SINGLE SEAL			
	103,477	GAL EMULSION FOR ASPHALT SURFACE TREATMENT			
	15	WK VACUUM TRUCK			
	362,419	LF MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
	2,275	LF STEEL BEAM GUARDRAIL			
	50	LF STEEL BEAM GUARDRAIL, SHOP CURVED			
	5	EA ADDITIONAL GUARDRAIL POSTS			
	1	EA GUARDRAIL END UNITS, TYPE AT-1			
	7	EA GUARDRAIL END UNITS, TYPE TL-3			
	2,781	LF REMOVE EXISTING GUARDRAIL			
	880	TON RIP RAP, CLASS I			
	1,800	SY GEOTEXTILE FOR DRAINAGE			
	438	SF WORK ZONE SIGNS (STATIONARY)			
	100	SF WORK ZONE SIGNS (BARRICADE MOUNTED)			
	929	SF WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
	6	EA PORTABLE CHANGEABLE MESSAGE SIGN			
	96	LF BARRICADES (TYPE III)			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
	452,341	LF THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
	116	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
	45	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)			
	3	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
	410,633	LF PAINT PAVEMENT MARKING LINES (6")			
	116	LF PAINT PAVEMENT MARKING LINES (8")			
	45	LF PAINT PAVEMENT MARKING LINES (24")			
	2	EA PAINT PAVEMENT MARKING SYMBOL			
	1,723	EA NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER			
	1,500	LF TEMPORARY SILT FENCE			

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

L240618

010

CONTRACT ID : C204501 42370.3.3

DIV OFFICE ALBEMARLE

LENGTH = 1.790 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.00% COMPLETION DATE : MAR 14, 2027

SR-2316 (NORTHCROSS DR) FROM NORTH OF NC-73 (SAM FURR RD) TO SR-2147 (WESTMORELAND RD).

ROADWAY ITEMS					
			2	WK	VACUUM TRUCK
Lump Sum	LS	MOBILIZATION	134.4	CY	SUBDRAIN EXCAVATION
Lump Sum	LS	CONSTRUCTION SURVEYING	400	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
320	LF	GENERIC MISCELLANEOUS ITEM	67.2	CY	SUBDRAIN COARSE AGGREGATE
		2" PVC CONDUIT	400	LF	6" PERFORATED SUBDRAIN PIPE
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1	EA	SUBDRAIN PIPE OUTLET
15,700	CY	UNDERCUT EXCAVATION	6	LF	6" OUTLET PIPE
Lump Sum	LS	GRADING	3.4	CY	ENDWALLS
75,000	CY	BORROW EXCAVATION	5.6	CY	REINFORCED ENDWALLS
370	CY	DRAINAGE DITCH EXCAVATION	24	CY	FLOWABLE FILL
10	HR	PROOF ROLLING	51	EA	MASONRY DRAINAGE STRUCTURES
700	CY	SELECT GRANULAR MATERIAL, CLASS III	26.2	LF	MASONRY DRAINAGE STRUCTURES
700	SY	GEOTEXTILE FOR SOIL STABILIZATION	2	EA	FRAME WITH TWO GRATES, STD 840.16
7,510	SY	GENERIC GRADING ITEM	3	EA	FRAME WITH TWO GRATES, STD 840.22
		SOIL CEMENT BASE (FULL DEPTH RECLAMATION)	1	EA	FRAME WITH TWO GRATES, STD 840.24
Lump Sum	LS	GENERIC GRADING ITEM	9	EA	FRAME WITH TWO GRATES, STD 840.29
		TYPE 1 BRIDGE APPROACH FILL, STA 74+01 - L-	4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
920	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
4,412	SY	FOUNDATION CONDITIONING GEOTEXTILE	22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
192	LF	15" DRAINAGE PIPE	2	EA	FRAME WITH COVER, STD 840.54
36	LF	24" DRAINAGE PIPE	290	LF	*** X *** CONCRETE CURB (8" X 18")
188	LF	***** RC PIPE CULVERTS, CLASS IV (60")	290	LF	1'-6" CONCRETE CURB & GUTTER
2,060	LF	15" RC PIPE CULVERTS, CLASS IV	8,720	LF	2'-6" CONCRETE CURB & GUTTER
108	LF	18" RC PIPE CULVERTS, CLASS IV	142	LF	SHOULDER BERM GUTTER
872	LF	24" RC PIPE CULVERTS, CLASS IV	5,900	SY	4" CONCRETE SIDEWALK
120	LF	30" RC PIPE CULVERTS, CLASS IV	40	EA	CONCRETE CURB RAMPS
76	LF	36" RC PIPE CULVERTS, CLASS IV	560	SY	6" CONCRETE DRIVEWAY
292	LF	15" CS PIPE CULVERTS, 0.064" THICK	100	SY	4" CONCRETE PAVED DITCH
40	LF	18" CS PIPE CULVERTS, 0.064" THICK	1,380	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
8	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	10	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	390	SY	GENERIC PAVING ITEM
626	LF	PIPE REMOVAL			12" TRUCK MOUNTABLE CONCRETE ISLAND, CLASS AA CONCRETE
270	TON	#57 STONE	20	SY	GENERIC PAVING ITEM
1,650	CY	SHALLOW UNDERCUT	370	LF	GENERIC PAVING ITEM
5,250	TON	CLASS IV SUBGRADE STABILIZATION			1'-6" CONCRETE CURB AND GUTTER, CLASS AA CONCRETE
75	TON	STABILIZER AGGREGATE	3	EA	ADJUSTMENT OF MANHOLES
9,400	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
359	TON	AGGREGATE BASE COURSE	3	EA	CONVERT EXISTING JUNCTION BOX TO CATCH BASIN
241	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE	2,050	LF	STEEL BEAM GUARDRAIL
50	TON	INCIDENTAL STONE BASE	10	EA	ADDITIONAL GUARDRAIL POSTS
8,150	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	1	EA	GUARDRAIL END UNITS, TYPE CAT-1
7,510	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3-1/2")	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
530	SY	INCIDENTAL MILLING	8	EA	GUARDRAIL END UNITS, TYPE TL-2
7,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
7,420	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	54	LF	REMOVE EXISTING GUARDRAIL
8,010	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	60	LF	CHAIN LINK FENCE RESET
1,220	TON	ASPHALT BINDER FOR PLANT MIX	270	LF	GENERIC FENCING ITEM
436	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			WOOD FENCE RESET
7,510	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	210	LF	GENERIC FENCING ITEM
4,140	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT			PEDESTRIAN SAFETY RAIL

1	EA	GENERIC FENCING ITEM RESET CHAIN LINK FENCE GATE	4	EA	*** VALVE (36")
25	TON	RIP RAP, CLASS I	10	EA	6" VALVE
35	TON	RIP RAP, CLASS II	2	EA	8" VALVE
15	TON	RIP RAP, CLASS A	12	EA	24" VALVE
215	TON	RIP RAP, CLASS B	2	EA	2" AIR RELEASE VALVE
2,440	SY	GEOTEXTILE FOR DRAINAGE	3	EA	2" BLOW OFF
16	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	5	EA	RELOCATE WATER METER
345	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	2	EA	RECONNECT WATER METER
826	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	8	EA	FIRE HYDRANT
3	EA	SIGN ERECTION, TYPE D	1	EA	RELOCATE FIRE HYDRANT
64	EA	SIGN ERECTION, TYPE E	110	LF	FIRE HYDRANT LEG
2	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	1	EA	6" LINE STOP
21	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	8" LINE STOP
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	2	EA	8" LINE STOP WITH BYPASS
125	SF	WORK ZONE SIGNS (STATIONARY)	12	LF	*** WATER SERVICE LINE (2")
130	SF	WORK ZONE SIGNS (PORTABLE)	141	LF	WATER SERVICE LINE
95	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	43	LF	ABANDON 6" UTILITY PIPE
1	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM	1,199	LF	ABANDON 8" UTILITY PIPE
205	EA	DRUMS	1,360	LF	ABANDON 12" UTILITY PIPE
100	LF	BARRICADES (TYPE III)	60	LF	24" ENCASEMENT PIPE
105	LF	PEDESTRIAN CHANNELIZING DEVICES	522	LF	36" ENCASEMENT PIPE
700	DAY	FLAGGER	246	LF	BORE AND JACK OF *** (36")
2	EA	TEMPORARY CRASH CUSHIONS	2	EA	GENERIC UTILITY ITEM ANODE TEST STATION
1	EA	REMOVE & RESET TEMPORARY CRASH CUSHION	15,930	LF	TEMPORARY SILT FENCE
855	LF	PORTABLE CONCRETE BARRIER	495	TON	STONE FOR EROSION CONTROL, CLASS A
215	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER	2,250	TON	STONE FOR EROSION CONTROL, CLASS B
56	HR	LAW ENFORCEMENT	1,455	TON	SEDIMENT CONTROL STONE
143	EA	SKINNY DRUM	39	ACR	TEMPORARY MULCHING
37,609	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	2,300	LB	SEED FOR TEMPORARY SEEDING
2,049	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	12	TON	FERTILIZER FOR TEMPORARY SEEDING
128	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	380	LF	TEMPORARY SLOPE DRAINS
212	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	800	LF	SAFETY FENCE
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	4,740	CY	SILT EXCAVATION
50	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	36,720	SY	MATTING FOR EROSION CONTROL
4	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	540	SY	COIR FIBER MAT
640	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (I)	3,270	LF	1/4" HARDWARE CLOTH
72,410	LF	PAINT PAVEMENT MARKING LINES (4")	100	SY	LOW PERMEABILITY GEOTEXTILE
770	LF	PAINT PAVEMENT MARKING LINES (8")	30	LF	*** TEMPORARY PIPE (24")
350	LF	PAINT PAVEMENT MARKING LINES (24")	25	LF	TEMPORARY PIPE FOR STREAM CROSSING
47	EA	PAINT PAVEMENT MARKING SYMBOL	8	EA	SPECIAL STILLING BASINS
46,635	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	440	LB	FLOCCULANT
615	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	260	LF	COIR FIBER WATTLE
300	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	170	LF	COIR FIBER WATTLE BARRIER
49	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	650	LF	COIR FIBER BAFFLE
1,063	LF	GENERIC PAVEMENT MARKING ITEM YIELD LINE PAVEMENT MARKING 24" 90 MILS	5	EA	*** SKIMMER (1-1/2")
190	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	39	ACR	SEEDING & MULCHING
2	EA	OBJECT MARKERS (TYPE **) (I)	19.5	ACR	MOWING
751	LF	*** WATER LINE (36")	400	LB	SEED FOR REPAIR SEEDING
151	LF	6" WATER LINE	1.25	TON	FERTILIZER FOR REPAIR SEEDING
243	LF	8" WATER LINE	875	LB	SEED FOR SUPPLEMENTAL SEEDING
881	LF	12" WATER LINE	25.75	TON	FERTILIZER TOPDRESSING
7,219	LF	24" WATER LINE	152.3	LF	IMPERVIOUS DIKE
41,568	LB	DUCTILE IRON WATER PIPE FITTINGS	10	MHR	SPECIALIZED HAND MOWING
			18	EA	RESPONSE FOR EROSION CONTROL
			6	EA	CONCRETE WASHOUT STRUCTURE
			59	CY	CULVERT DIVERSION CHANNEL
			69	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT
			23	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 2
			600	LF	INDUCTIVE LOOP SAWCUT
			60	LF	LEAD-IN CABLE (14-2)

12	EA	GENERIC SIGNAL ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY
		WALL ITEMS
485	SF	CIP GRAVITY RETAINING WALLS
10,188	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL -NB3-)
6,157	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL
		STRUCTURE ITEMS
98	LF	PILE EXCAVATION IN SOIL
25	LF	PILE EXCAVATION NOT IN SOIL
4,776	SF	REINFORCED CONCRETE DECK SLAB
6,048	SF	GROOVING BRIDGE FLOORS
61.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (74+01.00 -L-)
12,848	LB	REINFORCING STEEL (BRIDGE)
540.83	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
7	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
385	LF	HP 14 X 73 STEEL PILES
7	EA	STEEL PILE POINTS
201.67	LF	TWO BAR METAL RAIL
216.67	LF	1'-*** X ***** CONCRETE PARAPET (1'-2" X 2'-6")
572	TON	RIP RAP CLASS II (2'-0" THICK)
634	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618

011

CONTRACT ID : C204950

67062.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.240 MI

COUNTY : ANSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.00% COMPLETION DATE : MAR 14, 2027

BRIDGE #030014 OVER S FORK JONES CREEK ON US-52.

ROADWAY ITEMS					
			95	TON	RIP RAP, CLASS I
Lump Sum	LS	MOBILIZATION	10	TON	RIP RAP, CLASS B
Lump Sum	LS	CONSTRUCTION SURVEYING	1,205	SY	GEOTEXTILE FOR DRAINAGE
	1,450	CY UNDERCUT EXCAVATION	13.75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	27.5	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	GRADING	4	EA	SIGN ERECTION, TYPE D
	36,000	CY BORROW EXCAVATION	1	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	70	CY DRAINAGE DITCH EXCAVATION	40	SF	WORK ZONE SIGNS (STATIONARY)
	3,450	CY SELECT GRANULAR MATERIAL, CLASS III	110	SF	WORK ZONE SIGNS (PORTABLE)
	5,700	SY GEOTEXTILE FOR SOIL STABILIZATION	160	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	420	SF TEMPORARY SHORING	70	EA	DRUMS
Lump Sum	LS	GENERIC GRADING ITEM	72	LF	BARRICADES (TYPE III)
		TYPE I BRIDGE APPROACH FILL, STA 18+07.50 -L-	120	DAY	FLAGGER
	70	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	320	EA	TEMPORARY RAISED PAVEMENT MARKERS
	200	SY FOUNDATION CONDITIONING GEOTEXTILE	5,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
	152	LF 15" DRAINAGE PIPE	10,550	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
	8	EA *** DRAINAGE PIPE ELBOWS (15")	22,850	LF	PAINT PAVEMENT MARKING LINES (4")
	444	LF 15" RC PIPE CULVERTS, CLASS IV	700	LF	POLYUREA PAVEMENT MARKING LINES (**, *** MILS) (6", 20 MIL)
	500	CY SHALLOW UNDERCUT	1,820	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	1,000	TON CLASS IV SUBGRADE STABILIZATION	5	EA	PERMANENT RAISED PAVEMENT MARKERS
	1,500	SY GEOTEXTILE FOR SUBGRADE STABILIZATION	20	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
	1,382	TON AGGREGATE BASE COURSE	1,304	LF	12" WATER LINE
	200	TON INCIDENTAL STONE BASE	1,320	LB	DUCTILE IRON WATER PIPE FITTINGS
	1,740	SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	2	EA	12" VALVE
	165	SY MILLING ASPHALT PAVEMENT, **** TO ***** (1-1/2" TO 3")	3	EA	** AIR RELEASE VALVE (12")
	50	SY INCIDENTAL MILLING	35	LF	ABANDON ** UTILITY PIPE (4")
	670	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	1,303	LF	ABANDON 12" UTILITY PIPE (12")
	710	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	110	LF	20" ENCASEMENT PIPE
	1,400	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	110	LF	BORE AND JACK OF ** (20")
	160	TON ASPHALT BINDER FOR PLANT MIX	5,025	LF	TEMPORARY SILT FENCE
	250	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	105	TON	STONE FOR EROSION CONTROL, CLASS A
	112	CY SUBDRAIN EXCAVATION	440	TON	STONE FOR EROSION CONTROL, CLASS B
	500	SY GEOTEXTILE FOR SUBSURFACE DRAINS	575	TON	SEDIMENT CONTROL STONE
	84	CY SUBDRAIN COARSE AGGREGATE	4.5	ACR	TEMPORARY MULCHING
	500	LF 6" PERFORATED SUBDRAIN PIPE	300	LB	SEED FOR TEMPORARY SEEDING
	1	EA SUBDRAIN PIPE OUTLET	1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
	6	LF 6" OUTLET PIPE	585	LF	TEMPORARY SLOPE DRAINS
	15	EA MASONRY DRAINAGE STRUCTURES	1,320	LF	SAFETY FENCE
	15	EA FRAME WITH TWO GRATES, STD 840.29	670	CY	SILT EXCAVATION
	1,073	LF SHOULDER BERM GUTTER	19,230	SY	MATTING FOR EROSION CONTROL
	725	LF STEEL BEAM GUARDRAIL	100	SY	COIR FIBER MAT
	5	EA ADDITIONAL GUARDRAIL POSTS	810	LF	1/4" HARDWARE CLOTH
	4	EA GUARDRAIL END UNITS, TYPE TL-3	420	SY	FLOATING TURBIDITY CURTAIN
	4	EA GUARDRAIL ANCHOR UNITS, TYPE B-77	12	EA	SPECIAL STILLING BASINS
	1,150	LF TEMPORARY STEEL BEAM GUARDRAIL	120	LB	FLOCCULANT
	4	EA TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)	380	LF	COIR FIBER WATTLE
	4	EA TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)	105	LF	COIR FIBER BAFFLE
	5	EA TEMPORARY ADDITIONAL GUARDRAIL POSTS	9	ACR	SEEDING & MULCHING
			6	ACR	MOWING



50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
175	LB	SEED FOR SUPPLEMENTAL SEEDING
4.75	TON	FERTILIZER TOPDRESSING
105	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
4	MHR	MANUAL LITTER REMOVAL
1	TON	LITTER DISPOSAL
25	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
1	ACR	REFORESTATION
1	ACR	WETLAND REFORESTATION
<b>STRUCTURE ITEMS</b>		
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (18+07.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+07.50 -L-)
Lump Sum	LS	ASBESTOS ASSESSMENT
182.5	LF	***" DIA DRILLED PIERS (3'-0")
78	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTIONS
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+07.50 -L-)
5,839	SF	REINFORCED CONCRETE DECK SLAB
6,734	SF	GROOVING BRIDGE FLOORS
108.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+07.50 -L-)
21,914	LB	REINFORCING STEEL (BRIDGE)
4,375	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
662.09	LF	36" PRESTRESSED CONCRETE GIRDERS
12	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
390	LF	HP 12 X 53 STEEL PILES
266.67	LF	CONCRETE BARRIER RAIL
758	TON	RIP RAP CLASS II (2'-0" THICK)
841	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

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

L240618

012

CONTRACT ID : C204935 44382.3.1

DIV OFFICE NORTH WILKESBORO LENGTH = 0.678 MI

COUNTY : YADKIN

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

DBE GOAL 5.00% COMPLETION DATE : JAN 28, 2028

US-601 (STATE ST) FROM SR-1742 (SHARON DR) TO SR-1146 (LEE AVE).

ROADWAY ITEMS					
			1	EA	FRAME WITH TWO GRATES, STD 840.22
Lump Sum	LS	MOBILIZATION	8	EA	FRAME WITH TWO GRATES, STD 840.24
Lump Sum	LS	CONSTRUCTION SURVEYING	8	EA	FRAME WITH TWO GRATES, STD 840.29
Lump Sum	LS	GRADING	13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			(E)
750	CY	UNDERCUT EXCAVATION	40	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
100	CY	DRAINAGE DITCH EXCAVATION			(F)
750	CY	SELECT GRANULAR MATERIAL	49	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
750	SY	GEOTEXTILE FOR SOIL STABILIZATION			(G)
4,255	SF	TEMPORARY SHORING	60	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	1	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
2,510	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	23	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
7,830	SY	FOUNDATION CONDITIONING GEOTEXTILE	655	LF	*** X *** CONCRETE CURB (8" X 12")
756	LF	15" RC PIPE CULVERTS, CLASS III	900	LF	*** X *** CONCRETE CURB (9" X 18")
84	LF	18" RC PIPE CULVERTS, CLASS III			
20	LF	30" RC PIPE CULVERTS, CLASS III	190	LF	*** X *** CONCRETE CURB & GUTTER (2'-0")
96	LF	42" RC PIPE CULVERTS, CLASS III	2,580	LF	1'-6" CONCRETE CURB & GUTTER
832	LF	***** RC PIPE CULVERTS, CLASS IV (48")	9,500	LF	2'-6" CONCRETE CURB & GUTTER
5,044	LF	15" RC PIPE CULVERTS, CLASS IV	1,330	LF	CONCRETE EXPRESSWAY GUTTER
1,364	LF	18" RC PIPE CULVERTS, CLASS IV	140	LF	CONCRETE VALLEY GUTTER
204	LF	24" RC PIPE CULVERTS, CLASS IV	3,780	SY	4" CONCRETE SIDEWALK
468	LF	30" RC PIPE CULVERTS, CLASS IV	64	EA	CONCRETE CURB RAMPS
1,096	LF	36" RC PIPE CULVERTS, CLASS IV	1,110	SY	6" CONCRETE DRIVEWAY
492	LF	42" RC PIPE CULVERTS, CLASS IV	1,950	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
4,715	LF	PIPE REMOVAL	1,630	SY	GENERIC PAVING ITEM 12" CONCRETE TRUCK APRON
300	CY	SHALLOW UNDERCUT	1	EA	GENERIC PAVING ITEM CONCRETE FLUME UNDER SIDEWALK
590	TON	CLASS IV SUBGRADE STABILIZATION	187.5	LF	STEEL BEAM GUARDRAIL
900	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	3	EA	ADDITIONAL GUARDRAIL POSTS
950	TON	AGGREGATE BASE COURSE	1	EA	GUARDRAIL END UNITS, TYPE CAT-1
300	TON	INCIDENTAL STONE BASE	191	LF	REMOVE EXISTING GUARDRAIL
610	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	40	TON	RIP RAP, CLASS I
2,700	SY	INCIDENTAL MILLING	37	TON	RIP RAP, CLASS B
6,650	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1,079	SY	GEOTEXTILE FOR DRAINAGE
4,450	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	1	CY	PLAIN CONCRETE SIGN FOUNDATIONS
6,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	961	LB	SUPPORTS, BREAKAWAY STEEL BEAM
870	TON	ASPHALT BINDER FOR PLANT MIX	2,600	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
800	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	9	EA	SIGN ERECTION, TYPE D
112	CY	SUBDRAIN EXCAVATION	208	EA	SIGN ERECTION, TYPE E
500	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	17	EA	SIGN ERECTION, TYPE F
84	CY	SUBDRAIN COARSE AGGREGATE	3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
500	LF	6" PERFORATED SUBDRAIN PIPE			(A)
1	EA	SUBDRAIN PIPE OUTLET	11	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
6	LF	6" OUTLET PIPE			(E)
19	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	4	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
0.24	CY	PIPE PLUGS			(LOGO TRAILBLAZER)
90	CY	FLOWABLE FILL	6	EA	DISPOSAL OF SUPPORT, STEEL BEAM
178	EA	MASONRY DRAINAGE STRUCTURES	53	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
101.4	LF	MASONRY DRAINAGE STRUCTURES	10	EA	DISPOSAL OF SUPPORT, U-CHANNEL
1	EA	FRAME WITH GRATE, STD 840.22	245	SF	WORK ZONE SIGNS (STATIONARY)
56	EA	FRAME WITH TWO GRATES, STD 840.16	614	SF	WORK ZONE SIGNS (PORTABLE)
			135	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)

2	EA	FLASHING ARROW BOARD	462	LF	BORE AND JACK OF *** (24")
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA	GENERIC UTILITY ITEM REPLACE FIRE HYDRANT
52	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	2	EA	GENERIC UTILITY ITEM REPLACE WATER METER
335	EA	DRUMS	100	LF	GENERIC UTILITY ITEM POLYETHYLENE ENCASUREMENT
50	EA	CONES	4,155	LF	TEMPORARY SILT FENCE
312	LF	BARRICADES (TYPE III)	1,095	TON	STONE FOR EROSION CONTROL, CLASS A
56	LF	PEDESTRIAN CHANNELIZING DEVICES	1,285	TON	STONE FOR EROSION CONTROL, CLASS B
200	DAY	FLAGGER	2,155	TON	SEDIMENT CONTROL STONE
1	EA	TEMPORARY CRASH CUSHIONS	5.8	ACR	TEMPORARY MULCHING
220	LF	PORTABLE CONCRETE BARRIER	400	LB	SEED FOR TEMPORARY SEEDING
192	HR	LAW ENFORCEMENT	2	TON	FERTILIZER FOR TEMPORARY SEEDING
4	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	200	LF	TEMPORARY SLOPE DRAINS
240	EA	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE	480	LF	SAFETY FENCE
2	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS	2,920	CY	SILT EXCAVATION
294	EA	TEMPORARY RAISED PAVEMENT MARKERS	13,615	SY	MATTING FOR EROSION CONTROL
13,527	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	100	SY	COIR FIBER MAT
1,504	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	5,625	LF	1/4" HARDWARE CLOTH
229	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	300	LB	FLOCCULANT
1,687	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	5.8	ACR	SEEDING & MULCHING
173	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	2.9	ACR	MOWING
78,318	LF	PAINT PAVEMENT MARKING LINES (4")	100	LB	SEED FOR REPAIR SEEDING
4,456	LF	PAINT PAVEMENT MARKING LINES (8")	0.25	TON	FERTILIZER FOR REPAIR SEEDING
610	LF	PAINT PAVEMENT MARKING LINES (24")	125	LB	SEED FOR SUPPLEMENTAL SEEDING
444	EA	PAINT PAVEMENT MARKING SYMBOL	3.5	TON	FERTILIZER TOPDRESSING
4,503	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	10	MHR	SPECIALIZED HAND MOWING
19	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	2	MHR	MANUAL LITTER REMOVAL
342	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	1	TON	LITTER DISPOSAL
Lump Sum	LS	PORTABLE LIGHTING	25	EA	RESPONSE FOR EROSION CONTROL
110	LF	2" WATER LINE	8	EA	CONCRETE WASHOUT STRUCTURE
347	LF	6" WATER LINE	177	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT
1,848	LF	8" WATER LINE	59	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1
525	LF	12" WATER LINE	1	CY	CONCRETE STEPS
3,862	LF	16" WATER LINE	23	LF	HANDRAIL ON STEPS
31,580	LB	DUCTILE IRON WATER PIPE FITTINGS	3,810	LF	SIGNAL CABLE
1	EA	2" VALVE	32	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
9	EA	6" VALVE	7	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
10	EA	8" VALVE	1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
1	EA	10" VALVE	4	EA	LOUVER
3	EA	12" VALVE	1,165	LF	MESSENGER CABLE (3/8")
19	EA	16" VALVE	25	LF	PAVED TRENCHING (***** (1, 2")
21	EA	RELOCATE WATER METER	150	LF	UNPAVED TRENCHING (***** (1, 2")
4	EA	RECONNECT WATER METER	5	EA	JUNCTION BOX (STANDARD SIZE)
5	EA	RELOCATE 6" RPZ BACKFLOW PREVENTION ASSEMBLY	1	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
5	EA	RELOCATE FIRE HYDRANT	9	EA	WOOD POLE
50	LF	FIRE HYDRANT LEG	18	EA	GUY ASSEMBLY
1,200	LF	WATER SERVICE LINE	4	EA	2" RISER WITH WEATHERHEAD
4,181	LF	8" SANITARY GRAVITY SEWER	1,050	LF	INDUCTIVE LOOP SAWCUT
2,223	LF	10" FORCE MAIN SEWER	1,300	LF	LEAD-IN CABLE (14-2)
6	EA	SANITARY SEWER CLEAN-OUT	3	EA	SITE SURVEY
1,100	LF	SEWER SERVICE LINE	11	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
5,400	LB	DUCTILE IRON SEWER PIPE FITTINGS	3	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
38	EA	4' DIA UTILITY MANHOLE	8	EA	SIGN FOR SIGNALS
97.2	LF	UTILITY MANHOLE WALL 4' DIA	1	EA	SIGNAL CABINET FOUNDATION
843	LF	ABANDON 6" UTILITY PIPE	1	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070LX, BASE MOUNTED)
6,459	LF	ABANDON 8" UTILITY PIPE	3	EA	CONTROLLERS WITH CABINET (***** (TYPE 2070LX, POLE MOUNTED)
2,862	LF	ABANDON 12" UTILITY PIPE	10	EA	DETECTOR CARD (TYPE 170)
17	EA	ABANDON UTILITY MANHOLE	1	EA	CABINET BASE EXTENDER
740	LF	16" ENCASUREMENT PIPE			
100	LF	20" ENCASUREMENT PIPE			
622	LF	24" ENCASUREMENT PIPE			

- 11 EA GENERIC SIGNAL ITEM  
LUMINAIRE ARM FOR TEMPORARY VIDEO  
SYSTEM  
WALL ITEMS
- 1,300 SF GENERIC RETAINING WALL ITEM  
NON-STANDARD CIP GRAVITY RETAINING  
WALLS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L240618 013

CONTRACT ID : C204960 2024CPT.13.14.20811 DIV OFFICE ASHEVILLE LENGTH = 25.321 MI

COUNTY : RUTHERFORD

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 5.00% COMPLETION DATE : NOV 21, 2025

## 26 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
694	TON	INCIDENTAL STONE BASE
51.83	SMI	SHOULDER RECONSTRUCTION
6,747	TON	AGGREGATE SHOULDER BORROW
9,510	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
11,078	SY	MILLING ASPHALT PAVEMENT, ***" TO ***** (0" TO 1-1/2")
19,254	SY	INCIDENTAL MILLING
5,309	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
22,894	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
115	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,763	TON	ASPHALT BINDER FOR PLANT MIX
1,327	TON	PATCHING EXISTING PAVEMENT
16	EA	REMOVE AND REPLACE CONCRETE CURB RAMPS
16	SY	GENERIC PAVING ITEM REMOVE AND REPLACE 4" CONCRETE SIDEWALK
45	LF	GENERIC PAVING ITEM REMOVE AND REPLACE 2'-6" CURB & GUTTER
2	EA	ADJUSTMENT OF DROP INLETS
10	EA	ADJUSTMENT OF MANHOLES
29	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,852	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
64	LF	PEDESTRIAN CHANNELIZING DEVICES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
60	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
216	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)
482	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
34	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
5,640	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (4", 20 MILS)
5,640	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
394,777	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 55 MILS)
336	LF	INDUCTIVE LOOP SAWCUT
20	LF	LEAD-IN CABLE (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L240723 001

CONTRACT ID : C204878 34165.3.6 DIV OFFICE ASHEVILLE LENGTH = 2.750 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 5.00% COMPLETION DATE : APR 30, 2029

I-40 FROM EAST OF SR-1224 TO PAVEMENT JOINT WEST OF SR-3412, AND I-26, I-40 AT I-40/US 19/23 INTERCHANGES IMPROVEMENTS

ROADWAY ITEM		196	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")
Lump Sum	LS MOBILIZATION			
Lump Sum	LS CONSTRUCTION SURVEYING	176	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (66", 0.875")
Lump Sum	LS CLEARING & GRUBBING .. ACRE(S)			
3	ACR SUPPLEMENTARY CLEARING & GRUBBING	196	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")
179,900	CY UNCLASSIFIED EXCAVATION			
19,110	CY UNDERCUT EXCAVATION	176	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (66", 0.875")
16,350	CY BORROW EXCAVATION			
6	EA EMBANKMENT SETTLEMENT GAUGES	68	LF	GENERIC PIPE ITEM 15" REHABILITATION CIPP LINER
5,310	CY DRAINAGE DITCH EXCAVATION	260	LF	GENERIC PIPE ITEM 18" REHABILITATION CIPP LINER
55,850	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	33	LF	GENERIC PIPE ITEM 6" HDPE NONPERFORATED
68,000	SY REMOVAL OF EXISTING CONCRETE PAVEMENT	210	LF	GENERIC PIPE ITEM 6" HDPE PERFORATED
18	HR PROOF ROLLING			
2,650	CY SELECT GRANULAR MATERIAL	30	LF	GENERIC PIPE ITEM 6" HDPE PIPE
14,250	SY GEOTEXTILE FOR SOIL STABILIZATION	190	LF	GENERIC PIPE ITEM 8" HDPE PIPE
5,200	SY ROCK PLATING			
1,375	SY REINFORCED SOIL SLOPES	11	EA	GENERIC PIPE ITEM 6" CLEANOUT
255	CY GENERIC GRADING ITEM ENGINEERED SOIL MEDIA	11	EA	GENERIC PIPE ITEM 6" CLEANOUT CAP (THREADED)
750	SY GENERIC GRADING ITEM ZOYSIA SOD	1	EA	GENERIC PIPE ITEM 6" HDPE 45-DEGREE BEND
Lump Sum	LS GENERIC GRADING ITEM SPECIAL BRIDGE APPROACH FILL, STA 21+50.52 -Y5RPA-	2	EA	GENERIC PIPE ITEM 6" HDPE CROSS
Lump Sum	LS GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA 18+21.12 -Y5RPA-	4	EA	GENERIC PIPE ITEM 6" X 6" X 6" HDPE TEE
143	TON GENERIC GRADING ITEM WASHED COARSE AGGREGATE (STD SIZE NO 57)	4,877	LF	PIPE REMOVAL
65	TON SELECT MATERIAL, CLASS ***** (IV)	6	EA	PIPE CLEAN OUT
1,460	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	Lump Sum	LS	FINE GRADING
4,710	SY FOUNDATION CONDITIONING GEOTEXTILE	2,000	CY	SHALLOW UNDERCUT
116	LF *** SIDE DRAIN PIPE (30")	40,100	TON	CLASS IV SUBGRADE STABILIZATION
16	LF *** SIDE DRAIN PIPE (36")	1,000	TON	STABILIZER AGGREGATE
124	LF *** SIDE DRAIN PIPE (48")	86,225	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION
1,512	LF 15" SIDE DRAIN PIPE	5,413	TON	AGGREGATE BASE COURSE
292	LF 18" SIDE DRAIN PIPE	250	TON	INCIDENTAL STONE BASE
192	LF 24" SIDE DRAIN PIPE	106	GAL	PRIME COAT
25	EA *** SIDE DRAIN PIPE ELBOWS (15")	11,900	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")
4	EA *** SIDE DRAIN PIPE ELBOWS (18")	18,200	SY	MILLING ASPHALT PAVEMENT, ***** TO ***** (0" TO 3")
5	EA *** SIDE DRAIN PIPE ELBOWS (24")	2,150	SY	MILLING ASPHALT PAVEMENT, ***** TO ***** (0" TO 9")
2	EA *** SIDE DRAIN PIPE ELBOWS (30")	2,680	SY	INCIDENTAL MILLING
92	LF 15" RC PIPE CULVERTS, CLASS III	38,335	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
32	LF 18" RC PIPE CULVERTS, CLASS III	15,300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
12	LF 30" RC PIPE CULVERTS, CLASS III	2,280	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,800	LF 15" RC PIPE CULVERTS, CLASS IV	7,830	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,668	LF 18" RC PIPE CULVERTS, CLASS IV	13,050	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
340	LF 24" RC PIPE CULVERTS, CLASS IV	2,915	TON	ASPHALT BINDER FOR PLANT MIX
8	LF 30" RC PIPE CULVERTS, CLASS IV	855	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
64	LF *** CS PIPE CULVERTS, ***** THICK (84", 0.168")	2,500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
68	LF 15" CS PIPE CULVERTS, 0.064" THICK	1,490	TON	ULTRA-THIN BONDED WEARING COURSE
		59,720	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
		78,100	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (14")

7,100	SY	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (12")	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
4,000	SY	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (14")	5	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (CAT-1)
88,100	SY	GENERIC PAVING ITEM NEXT GENERATION CONCRETE SURFACE (NGCS) GRINDING	1	EA	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3)
19,000	SY	NONWOVEN GEOTEXTILE INTERLAYER	8,300	LF	WOVEN WIRE FENCE, *** FABRIC (47")
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	495	EA	4" TIMBER FENCE POSTS, ***** LONG (8')
1,612	CY	SUBDRAIN EXCAVATION	195	EA	5" TIMBER FENCE POSTS, ***** LONG (8')
7,200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	780	LF	CHAIN LINK FENCE, 48" FABRIC
1,210	CY	SUBDRAIN COARSE AGGREGATE	65	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
7,200	LF	6" PERFORATED SUBDRAIN PIPE	10	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
15	EA	SUBDRAIN PIPE OUTLET	1,690	TON	RIP RAP, CLASS I
90	LF	6" OUTLET PIPE	5,750	TON	RIP RAP, CLASS II
11,300	LF	SHOULDER DRAIN	195	TON	RIP RAP, CLASS B
11,300	LF	4" SHOULDER DRAIN PIPE	7,975	SY	GEOTEXTILE FOR DRAINAGE
270	LF	4" OUTLET PIPE FOR SHOULDER DRAINS	120	TF	RAILROAD TRACK TO BE REMOVED
5	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	120	TF	GENERIC TRACKWORK ITEM RAILROAD TRACK TO BE INSTALLED
6	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	85	EA	GENERIC TRACKWORK ITEM CROSSTIE
6	CY	ENDWALLS	85	EA	GENERIC TRACKWORK ITEM CROSSTIE DISPOSAL
12.5	CY	REINFORCED ENDWALLS	118	TON	GENERIC TRACKWORK ITEM BALLAST
6.32	CY	PIPE COLLARS	2	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
331	CY	FLOWABLE FILL	15	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
103	EA	MASONRY DRAINAGE STRUCTURES	3	CY	PLAIN CONCRETE SIGN FOUNDATIONS
116.03	LF	MASONRY DRAINAGE STRUCTURES	375	CY	OVERHEAD FOOTING
1	EA	FRAME WITH TWO GRATES, STD 840.16	10,453	LB	SUPPORTS, BREAKAWAY STEEL BEAM
11	EA	FRAME WITH TWO GRATES, STD 840.20	4,642	LB	SUPPORTS, SIMPLE STEEL BEAM
4	EA	FRAME WITH TWO GRATES, STD 840.22	1,118	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
9	EA	FRAME WITH COVER, STD 840.54	3	EA	SUPPORTS, BARRIER (LARGE)
75	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	1	EA	SIGN ERECTION, TYPE D
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING TRAFFIC BEARING CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX	33	EA	SIGN ERECTION, TYPE E
2	EA	GENERIC DRAINAGE ITEM PVC/HDPE DRAINAGE STRUCTURE	7	EA	SIGN ERECTION, TYPE F
1	EA	GENERIC DRAINAGE ITEM TRASH RACK FOR RISER	9	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
410	SY	GENERIC DRAINAGE ITEM POLYPROPYLENE NONWOVEN GEOTEXTILE FABRIC	2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
680	LF	2'-6" CONCRETE CURB & GUTTER	19	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
7,090	LF	SHOULDER BERM GUTTER	3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
5,760	LF	CONCRETE EXPRESSWAY GUTTER	10	EA	SIGN ERECTION, MILEMARKERS
20	SY	4" CONCRETE SIDEWALK	1	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
1	EA	CONCRETE CURB RAMPS	2	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (A)
1,220	SY	4" CONCRETE PAVED DITCH	2	EA	SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (D)
371	SY	4" CONCRETE ISLAND COVER	18	EA	SIGN ERECTION, LOGO MILEAGE PANEL TO SIGN
90	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (11+00 -Y- WB)
420	LF	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (23+00 -Y- EB)
6	EA	CONCRETE BARRIER TRANSITION SECTION	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (32+50 -Y-)
4,485	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (39+00 -L1- EB LT)
5	EA	ADJUSTMENT OF DROP INLETS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (43+50 -Y- LT)
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (49+00 -L1- WB)
2	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (58+00 -L1- WB)
22,325	LF	STEEL BEAM GUARDRAIL			
6	EA	W-TR STEEL BEAM GUARDRAIL TRANSITION SECTIONS			
20	EA	ADDITIONAL GUARDRAIL POSTS			
10	EA	GUARDRAIL END UNITS, TYPE CAT-1			
9	EA	GUARDRAIL END UNITS, TYPE TL-3			
2	EA	GUARDRAIL END UNITS, TYPE TL-2			
16	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
22,530	LF	REMOVE EXISTING GUARDRAIL			
3,550	LF	TEMPORARY STEEL BEAM GUARDRAIL			

Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (62+50 -Y- LT)	950	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (65+00 -Y-)	189,800	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (78+00 -Y- LT)	18,500	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE ***** (90+50 -Y-)	300	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
	4	EA	70	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
	9	EA	40,650	LF	CURING COMPOUND REMOVAL, LINES
	19	EA	12	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS
	48	EA	2,417	EA	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
	4	EA	1	EA	120' HIGH MOUNT STANDARD
	11	EA	1	EA	PORTABLE DRIVE UNIT
	34	EA	9	CY	HIGH MOUNT FOUNDATIONS
	1,362	SF	8	EA	HIGH MOUNT LUMINAIRES ***** (560W LED)
	640	SF	48	EA	LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM)
	60	SF	46	EA	STANDARD FOUNDATION ***** (R1)
	16	EA	2	EA	STANDARD FOUNDATION ***** (R2)
	10	EA	48	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW, 150W LED)
	210	DAY	2	EA	ELECTRIC SERVICE POLE ***** (30' CLASS 4)
	12	EA	50	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
	42	EA	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** TYPE RW 240/480V
	750	EA	230	LF	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 3")
	48	EA	360	LF	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 4")
	200	LF	430	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
	40	DAY	30	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
	10	EA	500	LF	** #8 W/G FEEDER CIRCUIT (2)
	19	EA	1,825	LF	** #6 W/G FEEDER CIRCUIT (2)
	8	EA	560	LF	** #2 W/G FEEDER CIRCUIT (2)
	54,910	LF	7,885	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")
	2,250	LF	8,116	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")
	43,330	LF	2	EA	ELECTRICAL JUNCTION BOXES ***** (CS36)
	1,700	HR	1	EA	ELECTRICAL JUNCTION BOXES ***** (HM18)
	8,500	LF	14	EA	ELECTRICAL JUNCTION BOXES ***** (IG18)
	12	EA	48	EA	ELECTRICAL JUNCTION BOXES ***** (LS18)
	10	EA	Lump Sum	LS	PORTABLE LIGHTING
	515	EA	Lump Sum	LS	GENERIC LIGHTING ITEM ELECTRICAL CONDUIT SYSTEM AT 20+16.70 -Y5RPA-
	4,170	LF	56	EA	GENERIC LIGHTING ITEM CONTROL NODE
	162	LF	1	EA	GENERIC LIGHTING ITEM FORMED OPENING
	80	EA	1	EA	GENERIC LIGHTING ITEM RELOCATE CONTROL SYSTEM
	60	EA	1	EA	GENERIC LIGHTING ITEM REMOVE 100' HIGH MAST STANDARD FOUNDATION
	480	LF	1	EA	GENERIC LIGHTING ITEM REMOVE 100' HIGH MOUNT LIGHT STANDARD
	70	EA	1	EA	GENERIC LIGHTING ITEM REMOVE CONTROL SYSTEM
	35	EA	31	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD FOUNDATION
	12,817	LF	31	EA	GENERIC LIGHTING ITEM REMOVE SINGLE ARM LIGHT STANDARD
	441	LF	23	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
	82,877	LF			
	42	LF			
	21	EA			
	3,000	LF			
	257,900	LF			
	26,100	LF			



9	LF	*** WATER LINE (18")	95	MHR	SPECIALIZED HAND MOWING
36	LF	2" WATER LINE	25	MHR	MANUAL LITTER REMOVAL
87	LF	6" WATER LINE	4	TON	LITTER DISPOSAL
703	LF	24" WATER LINE	100	EA	RESPONSE FOR EROSION CONTROL
9,400	LB	DUCTILE IRON WATER PIPE FITTINGS	10	EA	CONCRETE WASHOUT STRUCTURE
1	EA	2" VALVE	1,026	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT
2	EA	24" VALVE	342	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1
1,419	LF	8" SANITARY GRAVITY SEWER	3,225	LF	SIGNAL CABLE
1,152	LF	18" SANITARY GRAVITY SEWER	18	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
3	EA	SANITARY SEWER CLEAN-OUT	3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
139	LF	SEWER SERVICE LINE	50	LF	MESSENGER CABLE (1/4")
85	LB	DUCTILE IRON SEWER PIPE FITTINGS	800	LF	MESSENGER CABLE (3/8")
10	EA	4' DIA UTILITY MANHOLE	17,600	LF	TRACER WIRE
5	EA	5' DIA UTILITY MANHOLE	75	LF	PAVED TRENCHING (***** (1, 2")
90	LF	UTILITY MANHOLE WALL 4' DIA	50	LF	PAVED TRENCHING (***** (2, 2")
142	LF	ABANDON *** UTILITY PIPE (4")	800	LF	UNPAVED TRENCHING (***** (1, 2")
100	LF	ABANDON 6" UTILITY PIPE	75	LF	UNPAVED TRENCHING (***** (2, 2")
1,382	LF	ABANDON 8" UTILITY PIPE	10,950	LF	UNPAVED TRENCHING (***** (3, 1-1/4")
93	LF	ABANDON 12" UTILITY PIPE	600	LF	DIRECTIONAL DRILL (***** (1, 2")
87	LF	ABANDON 16" UTILITY PIPE	375	LF	DIRECTIONAL DRILL (***** (2, 2")
1,846	LF	ABANDON 18" UTILITY PIPE	1,100	LF	DIRECTIONAL DRILL (***** (3, 1-1/4")
8	EA	ABANDON UTILITY MANHOLE	3	EA	JUNCTION BOX (***** (SPECIAL OVER-SIZED OMC)
4	EA	REMOVE UTILITY MANHOLE	1	EA	JUNCTION BOX (***** (SPECIAL OVERSIZED)
347	LF	*** ENCASEMENT PIPE (48")	5	EA	JUNCTION BOX (STANDARD SIZE)
440	LF	24" ENCASEMENT PIPE	5	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
880	LF	36" ENCASEMENT PIPE	4	EA	WOOD POLE
440	LF	BORE AND JACK OF *** (24")	8	EA	GUY ASSEMBLY
880	LF	BORE AND JACK OF *** (36")	3	EA	2" RISER WITH WEATHERHEAD
347	LF	BORE AND JACK OF *** (48")	5	EA	HEAT SHRINK TUBING RETROFIT KIT
27,170	LF	TEMPORARY SILT FENCE	2,000	LF	INDUCTIVE LOOP SAWCUT
1,080	TON	STONE FOR EROSION CONTROL, CLASS A	3,825	LF	LEAD-IN CABLE (14-2)
4,770	TON	STONE FOR EROSION CONTROL, CLASS B	2	EA	SITE SURVEY
3,820	TON	SEDIMENT CONTROL STONE	3	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
71.5	ACR	TEMPORARY MULCHING	1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
3,500	LB	SEED FOR TEMPORARY SEEDING	17,550	LF	COMMUNICATIONS CABLE (** FIBER) (144)
18	TON	FERTILIZER FOR TEMPORARY SEEDING	600	LF	COMMUNICATIONS CABLE (** FIBER) (48)
1,990	LF	TEMPORARY SLOPE DRAINS	17,550	LF	COMMUNICATIONS CABLE (** FIBER) (96)
800	LF	SAFETY FENCE	950	LF	DROP CABLE
14,950	CY	SILT EXCAVATION	3	EA	SPLICE ENCLOSURE
132,300	SY	MATTING FOR EROSION CONTROL	5	EA	MODIFY SPLICE ENCLOSURE
100	SY	COIR FIBER MAT	8	EA	INTERCONNECT CENTER
235	SY	PERMANENT SOIL REINFORCEMENT MAT	35	EA	DELINEATOR MARKER
9,050	LF	1/4" HARDWARE CLOTH	1	EA	FURNISH FIBER-OPTIC RESTORATION KIT
500	SY	LOW PERMEABILITY GEOTEXTILE	3,225	LF	REMOVE EXISTING COMMUNICATIONS CABLE
80	LF	*** TEMPORARY PIPE (24")	825	LF	BACK PULL FIBER OPTIC CABLE
100	LF	*** TEMPORARY PIPE (36")	1	EA	METAL POLE WITH SINGLE MAST ARM
140	CY	STILLING BASINS	1	EA	METAL POLE WITH DUAL MAST ARM
8	EA	SPECIAL STILLING BASINS	5	EA	SOIL TEST
2,985	LB	FLOCCULANT	24	CY	DRILLED PIER FOUNDATION
3,560	LF	COIR FIBER WATTLE	2	EA	MAST ARM WITH METAL POLE DESIGN
11,658	LF	COIR FIBER WATTLE BARRIER	6	EA	SIGN FOR SIGNALS
2,325	LF	COIR FIBER BAFFLE	1	EA	TYPE II PEDESTAL WITH FOUNDATION
9	EA	*** SKIMMER (1-1/2")	7	EA	DETECTOR CARD (TYPE 170)
2	EA	*** SKIMMER (2")	1	EA	METAL POLE FOUNDATION REMOVAL
51	ACR	SEEDING & MULCHING	1	EA	METAL POLE REMOVAL
45	ACR	MOWING	4	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE
750	LB	SEED FOR REPAIR SEEDING			
2	TON	FERTILIZER FOR REPAIR SEEDING			
1,200	LB	SEED FOR SUPPLEMENTAL SEEDING			
36	TON	FERTILIZER TOPDRESSING			
175	LF	IMPERVIOUS DIKE			

1	EA	GENERIC SIGNAL ITEM CCTV CAMERA LOWERING SYSTEM	23,703	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL NO -NW5C-)
1	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE	34,985	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL -NW5A-
7	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY	33,440	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL -NW5B-
2	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER	1,605	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL -NW5C-
2	EA	GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE			<b>STRUCTURE ITEMS</b>
2	EA	GENERIC SIGNAL ITEM DYNAMIC MESSAGE SIGN (TYPE 2C)	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (20+16.70 -Y5RPA-)
33	EA	GENERIC SIGNAL ITEM ELECTRONIC MARKER BALL	10,401	SF	REINFORCED CONCRETE DECK SLAB
4	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT	10,102	SF	GROOVING BRIDGE FLOORS
10	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	221.9	CY	CLASS A CONCRETE (BRIDGE)
3	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+16.70 -Y5RPA-)
1	EA	GENERIC SIGNAL ITEM ITS HUB CABINET	27,601	LB	REINFORCING STEEL (BRIDGE)
1	EA	GENERIC SIGNAL ITEM ITS HUB CABINET BASE EXTENDER	1,092.5	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1	EA	GENERIC SIGNAL ITEM ITS HUB CABINET FOUNDATION	19	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
24	EA	GENERIC SIGNAL ITEM LIMITED ACCESS FACILITIES - JUNCTION BOX (OVER-SIZED)	14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 24 X 0.50)
8	EA	GENERIC SIGNAL ITEM LIMITED ACCESS FACILITIES - JUNCTION BOX (SPECIAL OVERSIZED)	1,390	LF	HP 12 X 53 STEEL PILES
6	EA	GENERIC SIGNAL ITEM LIMITED ACCESS FACILITIES - JUNCTION BOX (STANDARD SIZE)	1,005	LF	PP ** X **** GALVANIZED STEEL PILES (24 X 0.50)
1	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL	2	EA	DYNAMIC PILE TESTING
1	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR DUAL MAST ARM POLE (BLACK)	643.4	LF	CONCRETE BARRIER RAIL
1	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)	1,374	SY	4" SLOPE PROTECTION
1	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR TYPE II SIGNAL PEDESTAL (BLACK)	Lump Sum	LS	ELASTOMERIC BEARINGS
1	EA	GENERIC SIGNAL ITEM RELOCATE TEMPORARY CAMERA SENSOR UNIT	Lump Sum	LS	EXPANSION JOINT SEALS
1	EA	GENERIC SIGNAL ITEM VARIABLE SPEED DRILL	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (20+16.70 -Y5RPA-)
500	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (36+00.00 -L1 EB-)
200	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS			
350	LF	GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCTORS			
		<b>CULVERT ITEMS</b>			
Lump Sum	LS	BOX CULVERT EXCAVATION, STA ***** (24+63.79 -RPC-)			
Lump Sum	LS	BOX CULVERT EXCAVATION, STA ***** (59+50.00 -Y-)			
222	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT			
432.4	CY	CLASS A CONCRETE (CULVERT)			
53,984	LB	REINFORCING STEEL (CULVERT)			
		<b>WALL ITEMS</b>			
780	LF	GENERIC FENCING ITEM BLACK VINYL COATED CHAIN LINK FENCE, 48" FABRIC			
13,710	SF	MSE RETAINING WALL NO **** (W1002)			
6,450	SF	MSE RETAINING WALL NO **** (W602)			
14,175	SF	SOIL NAIL RETAINING WALLS			
5,050	SF	SOLDIER PILE RETAINING WALLS			
6	EA	SOIL NAIL VERIFICATION TESTS			
29	EA	SOIL NAIL PROOF TESTS			
Lump Sum	LS	GENERIC RETAINING WALL ITEM APPLICATION OF SOUND BARRIER WALL COATING			
39,385	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT			
58,152	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL NO -NW5A-)			
53,208	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL NO -NW5B-)			