



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

ROY COOPER
 GOVERNOR

IMPORTANT INFORMATION

JAMES H. TROGDON, III
 SECRETARY

TO WHOM IT MAY CONCERN:

InfoTech (developers of Expedite and Bid Express) are replacing Expedite with Project Bids. NCDOT is currently testing the new software. We do not anticipate any issues and expect a seamless transition for contractors.

The new software requires the need for a new Digital ID. Bid Express will reimburse you for the fee, if you have an existing NCDOT or NCDOT – Divisions Digital ID.

What this means for you:

- Project Bids site and software available for Central – Dec 18, 2018
 - Download new Project Bids software
 - Create new Digital ID and request to be able to bid with NCDOT. You will only be using Project Bids and the new Digital ID to bid Central projects (Contract numbers that begin with C).
 - User guides and instructional videos are available in the Bid Express Training Center. Links for this information have also been provided in an email from Bid Express.
- NCDOT Central Highway Letting – Jan 15, 2019
 - Bid with Expedite and old Digital ID
- NCDOT Central Highway Letting – Feb 19, 2019
 - Bid with Project Bids and new Digital ID
- **Project Bids site and software available for Division April 19, 2019**
 - **Download new Project Bids software, if you have not already done so.**
 - **Create new Digital ID and request to be able to bid with NCDOT – Divisions.**
 - **If you already have a Digital ID, request to bid with NCDOT – Divisions.**
- **Last Division Letting Using Expedite – June 2, 2019**
- **First Division Letting Using Project Bids – June 3, 2019**



Please let us know if you have any questions and remember that we are always available to help by phone or email. Specific questions can be directed to Jaci Kincaid at jakincaid@ncdot.gov or 919-707-6920.

Ronald E. Davenport, Jr., PE
 State Contract Engineer
 RED/jak



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

February 20, 2018

NOTICE TO: All Prequalified Contractors

FROM: Ronald E Davenport, PE
State Contract Officer

DocuSigned by:
Ronald E. Davenport, Jr.
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SUBJECT: Combined Contract Goal for MBE/WBE Participation on State-Funded Projects

Effective April 1, 2018, all state funded contracts will be advertised with one combined goal that is comprised of both the MBE and WBE participation anticipated for the project. The **Combined MBE/WBE Goal** may be met with all MBE or WBE participation, or any combination of MBE and WBE participation.

When entering this information in Expedite Bid, users will not see the words "Combined MBE/WBE" in which to enter their participation value, but will enter the value under "DBE".

For assistance in participation entry in Expedite, please contact Ms. Jaci Kincaid at 919-707-6920 or jakincaid@ncdot.gov.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONSTRUCTION UNIT
1543 MAIL SERVICE CENTER
RALEIGH, NC 27699-1543

Telephone: (919) 707-2400
Fax: (919) 733-8441
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

November 15, 2017

NOTICE TO: All Prequalified Contractors

FROM: Carl Barclay, PE 
State Utilities Manager

SUBJECT: Design and Certification of Trenchless Installations (all methods)

Through the AGC/NCDOT Roadway Subcommittee, it has been determined there is little consistency with the enforcement of this requirement. This has resulted in some Contractors not accounting for this expense in their bid. In an effort to improve consistency and fairness among bidders, the Department will enforce this longstanding requirement of the North Carolina Board of Examiners for Engineers and Land Surveyors and NC GS Chapter 89C.

Effective with the January 2018 letting, there will be a renewed effort of enforcement of Articles 1550-1 and 1550-3(B) of the *Standard Specifications for Roads and Structures*, Section 1550-1 requires:

An engineer licensed by the State of North Carolina shall design the method and certify the work will not damage the roadway above or endanger the roadway user.

Article 1550-3(B) requires:

Before construction, provide detailed plans for the method of installation certified by an engineer licensed by the State of North Carolina. Provide certified calculations demonstrating the method of installation as safe and of minimal risk. Provide certified calculations of the structural adequacy of all materials. The design shall meet AASHTO LRFD Bridge Design Specifications. An engineer licensed by the State of North Carolina shall certify changes or modifications to the designed method as needed for actual field conditions.

If you have any questions, please do not hesitate to contact me at cbarclay@ncdot.gov or (919) 707-6982.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
UTILITIES UNIT
1555 MAIL SERVICE CENTER
RALEIGH NC 27699-1555

TELEPHONE: 919-707-6690
FAX: 919-250-4151
CUSTOMER SERVICE: 1-877-368-4968

WEBSITE: WWW.NCDOT.GOV

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON SEPTEMBER 15, 2020. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

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 HE ELECTS 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, AND EXECUTED PAYMENT AND PERFORMANCE BONDS 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>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

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 CONTRACTORS LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

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 CONTRACTUAL SERVICES MANAGEMENT SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . 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 WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C., 27610. 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 AUGUST 18, 2020.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 15 Aug 2019)

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.

| <u>DIV NO.</u> | <u>DIVISION ENGINEER</u> | <u>LOCATION</u> | <u>TOWN</u> | <u>TELEPHONE</u> |
|----------------|--------------------------|------------------------------|------------------|------------------|
| 00001 | Jerry Jennings, PE | 113 AIRPORT DRIVE, SUITE 100 | EDENTON | (252) 482-1850 |
| 00002 | R. Preston Hunter, PE | PO BOX 1587 | GREENVILLE | (252) 439-2800 |
| 00003 | D. Chad Kimes, PE | 5501 BARBADOS BLVD | CASTLE HAYNE | (910) 341-2000 |
| 00004 | Kevin G Bowen, PE | PO BOX 3165 | WILSON | (252) 237-6164 |
| 00005 | Joseph R Hopkins, PE | 2612 NORTH DUKE STREET | DURHAM | (919) 220-4600 |
| 00006 | Gregory W Burns, PE | PO BOX 1150 | FAYETTEVILLE | (910) 486-1493 |
| 00007 | James M Mills, PE | PO BOX 14996 | GREENSBORO | (336) 487-0000 |
| 00008 | Brandon H Jones, PE | 121 DOT DRIVE | CARTHAGE | (910) 773-8000 |
| 00009 | S. Pat Ivey, PE | 375 SILAS CREEK PARKWAY | WINSTON-SALEM | (336) 747-7800 |
| 00010 | Brett D Canipe | 716 WEST MAIN STREET | ALBEMARLE | (704) 983-4400 |
| 00011 | Michael A Pettyjohn, PE | PO BOX 250 | NORTH WILKESBORO | (336) 903-9101 |
| 00012 | Mark E Stafford, PE | PO BOX 47 | SHELBY | (704) 480-5400 |
| 00013 | Mark T Gibbs, PE | PO BOX 3279 | ASHEVILLE | (828) 250-3000 |
| 00014 | Brian C Burch, PE | 253 WEBSTER ROAD | SYLVA | (828) 586-2141 |

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

Bid Letting Number L200915

| RPN | Contract Id | WBS | County | Length | JobType |
|------------|--------------------|--------------------|---------------------|---------------|---|
| 001 | C204557 | 15403.1065018 ETC. | NEW HANOVER, PENDER | 1.291 MI | GRADING, DRAINAGE, AND PAVING. |
| 002 | C204558 | 48793.3.1 | BLADEN | 0.567 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURE. |
| 003 | C203978 | 53034.3.1 | FORSYTH | 11.917 MI | PAVEMENT & STRUCTURE REHABILITATION. |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L200915 001

CONTRACT ID : C204557 15403.1065018

DIV OFFICE CASTLE HAYNE

LENGTH = 1.291 MI

COUNTY : NEW HANOVER, PENDER

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 8.0% COMPLETION DATE : MAY 14 2022

I-40 FROM MILE MARKER 413 TO MILE MARKER 415.

ROADWAY ITEMS

| | | | | | |
|----------|--------|------------------------|------|-----|--|
| | | | 9 | ACR | MOWING |
| | | | 100 | LB | SEED FOR REPAIR SEEDING |
| | | | 0.5 | TON | FERTILIZER FOR REPAIR SEEDING |
| | | | 250 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| | | | 6.75 | TON | FERTILIZER TOPDRESSING |
| | | | 20 | MHR | SPECIALIZED HAND MOWING |
| | | | 50 | EA | RESPONSE FOR EROSION CONTROL |
| | | | 6 | EA | CONCRETE WASHOUT STRUCTURE |
| Lump Sum | LS | MOBILIZATION | | | |
| Lump Sum | LS | CONSTRUCTION SURVEYING | | | |
| Lump Sum | LS | GRADING | | | |
| | 2 | ACR | | | SUPPLEMENTARY CLEARING & GRUBBING |
| | 70,860 | SY | | | ROCK PLATING |
| | 410 | TON | | | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES |
| | 1,280 | SY | | | FOUNDATION CONDITIONING GEOTEXTILE |
| | 328 | LF | | | 15" RC PIPE CULVERTS, CLASS III |
| | 3,476 | LF | | | *** CAA PIPE CULVERTS, ***** THICK (15", 0.064") |
| | 106 | EA | | | *** CAA PIPE ELBOWS, ***** THICK (15", 0.064") |
| | 2,237 | LF | | | PIPE REMOVAL |
| | 10 | EA | | | PIPE CLEAN OUT |
| | 2,462 | TON | | | AGGREGATE BASE COURSE |
| | 660 | TON | | | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| | 270 | TON | | | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| | 55 | TON | | | ASPHALT BINDER FOR PLANT MIX |
| | 10 | TON | | | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| | 59 | EA | | | MASONRY DRAINAGE STRUCTURES |
| | 41 | EA | | | FRAME WITH TWO GRATES, STD 840.20 |
| | 14 | EA | | | FRAME WITH TWO GRATES, STD 840.22 |
| | 10,300 | LF | | | SHOULDER BERM GUTTER |
| | 10,100 | LF | | | STEEL BEAM GUARDRAIL |
| | 30 | EA | | | ADDITIONAL GUARDRAIL POSTS |
| | 1 | EA | | | GUARDRAIL END UNITS, TYPE CAT-1 |
| | 1 | EA | | | GUARDRAIL END UNITS, TYPE TL-3 |
| | 10 | EA | | | GUARDRAIL ANCHOR UNITS, TYPE B-77 |
| | 10,300 | LF | | | REMOVE EXISTING GUARDRAIL |
| | 64 | TON | | | RIP RAP, CLASS B |
| | 961 | SY | | | GEOTEXTILE FOR DRAINAGE |
| | 576 | SF | | | WORK ZONE SIGNS (STATIONARY) |
| | 384 | SF | | | WORK ZONE SIGNS (PORTABLE) |
| | 8 | EA | | | FLASHING ARROW BOARD |
| | 4 | EA | | | PORTABLE CHANGEABLE MESSAGE SIGN |
| | 200 | EA | | | DRUMS |
| | 4 | EA | | | TEMPORARY CRASH CUSHIONS |
| | 4 | EA | | | TMA |
| | 11,452 | LF | | | PORTABLE CONCRETE BARRIER |
| | 32,110 | LF | | | TEMPORARY SILT FENCE |
| | 255 | TON | | | STONE FOR EROSION CONTROL, CLASS A |
| | 915 | TON | | | STONE FOR EROSION CONTROL, CLASS B |
| | 1,560 | TON | | | SEDIMENT CONTROL STONE |
| | 7.5 | ACR | | | TEMPORARY MULCHING |
| | 500 | LB | | | SEED FOR TEMPORARY SEEDING |
| | 2.5 | TON | | | FERTILIZER FOR TEMPORARY SEEDING |
| | 4,440 | LF | | | TEMPORARY SLOPE DRAINS |
| | 4,276 | LF | | | SAFETY FENCE |
| | 1,510 | CY | | | SILT EXCAVATION |
| | 18,940 | SY | | | MATTING FOR EROSION CONTROL |
| | 180 | SY | | | PERMANENT SOIL REINFORCEMENT MAT |
| | 6,105 | LF | | | 1/4" HARDWARE CLOTH |
| | 1,130 | LF | | | WATTLE |
| | 280 | LB | | | POLYACRYLAMIDE (PAM) |
| | 125 | LF | | | COIR FIBER BAFFLE |
| | 12 | ACR | | | SEEDING & MULCHING |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L200915 002

CONTRACT ID : C204558 48793.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.567 MI

COUNTY : BLADEN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : OCT 28 2024

REPLACE BRIDGES #16 & #17 ON US-701 OVER CAPE FEAR RIVER.

| ROADWAY ITEMS | | | | | |
|---------------|--------|--|---------|-----|--|
| | | | 2,180 | SY | 5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED) |
| | | | 170 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) |
| Lump Sum | LS | MOBILIZATION | 1 | EA | ADJUSTMENT OF CATCH BASINS |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 1 | EA | ADJUSTMENT OF DROP INLETS |
| Lump Sum | LS | TYPE I STANDARD APPROACH FILL STATION ***** (118+81.78-L-) | 1 | EA | GENERIC DRAINAGE ITEM ADJUSTMENT OF JUNCTION BOXES |
| Lump Sum | LS | GRADING | 1 | EA | CONVERT EXISTING CATCH BASIN TO JUNCTION BOX |
| | 1 | ACR SUPPLEMENTARY CLEARING & GRUB-BING | 2,112.5 | LF | STEEL BEAM GUARDRAIL |
| | 200 | CY UNDERCUT EXCAVATION | 20 | EA | ADDITIONAL GUARDRAIL POSTS |
| | 135 | CY DRAINAGE DITCH EXCAVATION | 3 | EA | GUARDRAIL END UNITS, TYPE CAT-1 |
| | 800 | SY GEOTEXTILE FOR SOIL STABILIZATION | 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| | 2,630 | SF TEMPORARY SHORING | 3 | EA | GUARDRAIL END UNITS, TYPE TL-3 |
| | 2,950 | SY ROCK PLATING | 3,120 | LF | REMOVE EXISTING GUARDRAIL |
| | 12,800 | TON SELECT MATERIAL, CLASS ***** (VII) | 200 | LF | RELAPPING GUARDRAIL |
| | 170 | TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 140 | TON | RIP RAP, CLASS I |
| | 540 | SY FOUNDATION CONDITIONING GEOTEXTILE | 1,500 | TON | RIP RAP, CLASS A |
| | 228 | LF 15" SIDE DRAIN PIPE | 633 | TON | RIP RAP, CLASS B |
| | 10 | EA *** SIDE DRAIN PIPE ELBOWS (15") | 10,483 | SY | GEOTEXTILE FOR DRAINAGE |
| | 1,372 | LF 15" RC PIPE CULVERTS, CLASS IV | 24,900 | TON | GENERIC EROSION CONTROL ITEM CLASS II RIP RAP |
| | 1,102 | LF PIPE REMOVAL | 232 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| | 350 | TON #57 STONE | 6 | EA | SIGN ERECTION, TYPE E |
| | 200 | CY SHALLOW UNDERCUT | 6 | EA | SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) (D) |
| | 400 | TON CLASS IV SUBGRADE STABILIZATION | 10 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| | 620 | TON AGGREGATE BASE COURSE | 12 | EA | DISPOSAL OF SUPPORT, U-CHANNEL |
| | 2,600 | TON INCIDENTAL STONE BASE | 164 | SF | WORK ZONE SIGNS (STATIONARY) |
| | 439 | GAL PRIME COAT | 304 | SF | WORK ZONE SIGNS (PORTABLE) |
| | 3,550 | SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2") | 46 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| | 1,810 | SY INCIDENTAL MILLING | 1 | EA | FLASHING ARROW BOARD |
| | 1,410 | TON ASPHALT CONC BASE COURSE, TYPE B25.0C | 1 | EA | PORTABLE CHANGEABLE MESSAGE SIGN |
| | 2,640 | TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C | 180 | EA | DRUMS |
| | 2,440 | TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C | 90 | LF | BARRICADES (TYPE III) |
| | 340 | TON ASPHALT BINDER FOR PLANT MIX | 80 | DAY | FLAGGER |
| | 130 | TON ASPHALT PLANT MIX, PAVEMENT REPAIR | 1 | EA | TEMPORARY CRASH CUSHIONS |
| | 222 | CY SUBDRAIN EXCAVATION | 2 | EA | TMA |
| | 890 | SY GEOTEXTILE FOR SUBSURFACE DRAINS | 1,500 | LF | PORTABLE CONCRETE BARRIER |
| | 500 | LF 6" PERFORATED SUBDRAIN PIPE | 123 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| | 4 | EA SUBDRAIN PIPE OUTLET | 6,360 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| | 100 | LF 6" OUTLET PIPE | 42 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) |
| | 0.913 | CY PIPE PLUGS | 4 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| | 28 | CY FLOWABLE FILL | 8,125 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV) |
| | 20 | EA MASONRY DRAINAGE STRUCTURES | 6,332 | LF | PAINT PAVEMENT MARKING LINES (4") |
| | 11.2 | LF MASONRY DRAINAGE STRUCTURES | 12 | EA | PAINT PAVEMENT MARKING SYMBOL |
| | 2 | EA FRAME WITH TWO GRATES, STD 840.22 | 5,698 | LF | POLYUREA PAVEMENT MARKING LINES (4", 20 MILS) |
| | 1 | EA FRAME WITH TWO GRATES, STD 840.24 | 5,000 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| | 14 | EA FRAME WITH TWO GRATES, STD 840.29 | 4 | EA | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS |
| | 1 | EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) | 7,500 | LF | CURING COMPOUND REMOVAL, LINES |
| | 1 | EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) | 70 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| | 2 | EA FRAME WITH COVER, STD 840.54 | 17,355 | LF | TEMPORARY SILT FENCE |
| | 4 | EA CONCRETE TRANSITIONAL SECTION FOR DROP INLET | 600 | TON | STONE FOR EROSION CONTROL, CLASS A |
| | 110 | LF 1'-6" CONCRETE CURB & GUTTER | 660 | TON | STONE FOR EROSION CONTROL, CLASS B |
| | 520 | LF 2'-6" CONCRETE CURB & GUTTER | 3,555 | TON | SEDIMENT CONTROL STONE |
| | 1,400 | LF SHOULDER BERM GUTTER | 16 | ACR | TEMPORARY MULCHING |
| | 1 | EA MODIFIED CONCRETE FLUME | 500 | LB | SEED FOR TEMPORARY SEEDING |

| | | |
|--------|-----|---|
| 2.5 | TON | FERTILIZER FOR TEMPORARY SEED- ING |
| 945 | LF | TEMPORARY SLOPE DRAINS |
| 3,840 | LF | SAFETY FENCE |
| 740 | CY | SILT EXCAVATION |
| 17,765 | SY | MATTING FOR EROSION CONTROL |
| 100 | SY | COIR FIBER MAT |
| 400 | SY | PERMANENT SOIL REINFORCEMENT MAT |
| 2,345 | LF | 1/4" HARDWARE CLOTH |
| 25 | LF | TEMPORARY PIPE FOR STREAM CROSSING |
| 810 | SY | FLOATING TURBIDITY CURTAIN |
| 56 | EA | SPECIAL STILLING BASINS |
| 1,500 | LF | COIR FIBER WATTLE |
| 820 | LB | POLYACRYLAMIDE (PAM) |
| 9 | ACR | SEEDING & MULCHING |
| 12 | ACR | MOWING |
| 200 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 175 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 5 | TON | FERTILIZER TOPDRESSING |
| 10 | MHR | SPECIALIZED HAND MOWING |
| 200 | EA | RESPONSE FOR EROSION CONTROL |
| 2 | EA | CONCRETE WASHOUT STRUCTURE |
| 17 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE |
| 51 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT |

STRUCTURE ITEMS

| | | |
|-----------|-----|---|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURES AT STATION ***** (118+81.78-L-) |
| Lump Sum | LS | ASBESTOS ASSESSMENT |
| 3,954.1 | LF | ***.**" DIA DRILLED PIERS IN SOIL (6'-0") |
| 1,078.7 | LF | PERMANENT STEEL CASING FOR ***.**" DIA DRILLED PIER (6'-0") |
| 4 | EA | PDA TESTING |
| 15 | EA | SID INSPECTIONS |
| 29 | EA | CSL TESTING |
| Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (118+81.78-L-) |
| 88,407 | SF | REINFORCED CONCRETE DECK SLAB |
| 84,490 | SF | GROOVING BRIDGE FLOORS |
| 1,960 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (118+81.78-L-) |
| 1,018,912 | LB | REINFORCING STEEL (BRIDGE) |
| 208,330 | LB | SPIRAL COLUMN REINFORCING STEEL (BRIDGE) |
| 38 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP14X73) |
| 3,990 | LF | HP14X73 STEEL PILES |
| 16 | EA | PILE REDRIVES |
| 2,422.04 | LF | TWO BAR METAL RAIL |
| 2,445.38 | LF | 1'-**"X ***** CONCRETE PARA- PET (1'-2" X 2'-6") |
| 4,832 | TON | RIP RAP CLASS II (2'-0" THICK) |
| 5,370 | SY | GEOTEXTILE FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| Lump Sum | LS | GENERIC STRUCTURE ITEM AXIAL BI-DIRECTIONAL STATIC LOAD TEST |
| Lump Sum | LS | GENERIC STRUCTURE ITEM STEEL SHEET PILING FOR SLOPE REINFORCEMENT |
| Lump Sum | LS | GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS |
| 10,855.5 | LF | GENERIC STRUCTURE ITEM 78" FLORIDA I-BEAM (FIB) GIRDERS |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L200915 003

CONTRACT ID : C203978 53034.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 11.917 MI

COUNTY : FORSYTH

PAVEMENT & STRUCTURE REHABILITATION.

DBE GOAL 5.0% COMPLETION DATE : SEP 01 2022

I-40 FROM BRIDGES (#161 AND #162) OVER MUDDY CREEK TO GUILFORD COUNTY LINE.

| ROADWAY ITEMS | | | STRUCTURE ITEMS | | |
|---------------|-----|--|-----------------|-----|---|
| | | | 294,705 | LF | REMOVAL OF PAVEMENT MARKING LINES (6") |
| | | | 13,369 | LF | REMOVAL OF PAVEMENT MARKING LINES (12") |
| Lump Sum | LS | MOBILIZATION | 32 | EA | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 2,774 | EA | SNOWFLOWABLE PAVEMENT MARKERS |
| Lump Sum | LS | GRADING | Lump Sum | LS | PORTABLE LIGHTING |
| 7,020 | SY | GEOTEXTILE FOR SOIL STABILIZATION | 240 | LF | TEMPORARY SILT FENCE |
| 75 | TON | SELECT MATERIAL, CLASS ***** (I) | 100 | LF | SAFETY FENCE |
| 4,740 | TON | INCIDENTAL STONE BASE | 123 | SY | MATTING FOR EROSION CONTROL |
| 2,340 | SY | MILLING ASPHALT PAVEMENT, ****" DEPTH (3") | 30 | LF | WATTLE |
| 600 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | 2.8 | ACR | SEEDING & MULCHING |
| 330 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C | 140 | LB | SEED FOR REPAIR SEEDING |
| 450 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | 1 | TON | FERTILIZER FOR REPAIR SEEDING |
| 75 | TON | ASPHALT BINDER FOR PLANT MIX | 5 | EA | RESPONSE FOR EROSION CONTROL |
| 25 | TON | POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX | 1 | EA | CONCRETE WASHOUT STRUCTURE |
| 400 | TON | OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED | | | |
| 74 | TON | PERMEABLE ASPHALT DRAINAGE COURSE, TYPE P-78M | 169,302 | SF | GROOVING BRIDGE FLOORS |
| 4,065 | SY | REPAIR OF JOINTED CONCRETE PAVEMENT SLABS | 3,136 | LB | EPOXY COATED REINFORCING STEEL (BRIDGE) |
| 92 | TON | SELECT MATERIAL, CLASS IV | Lump Sum | LS | POLLUTION CONTROL |
| 62 | SF | PATCHING CONCRETE PAVEMENT SPALLS | 509.2 | SY | CLASS II, SURFACE PREPARATION |
| 663,732 | LF | GENERIC PAVING ITEM JOINT CONSTRUCTION, REPAIR & SEALING | 27.9 | CF | CONCRETE REPAIRS |
| 400,775 | SY | GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT | 44.1 | CF | SHOTCRETE REPAIRS |
| 220 | LF | MILLED RUMBLE STRIPS (CONCRETE SHOULDERS) | 46.2 | LF | EPOXY RESIN INJECTION |
| 1 | EA | METAL FUNNELS | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330441 |
| 20 | LF | 12" FUNNEL DRAIN PIPE | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330444 |
| 2 | EA | 12" FUNNEL DRAIN PIPE ELBOWS | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330451 |
| 20 | LF | SHOULDER BERM GUTTER | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330452 |
| 2,500 | LF | STEEL BEAM GUARDRAIL | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330454 |
| 20 | EA | ADDITIONAL GUARDRAIL POSTS | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330488 |
| 2 | EA | GUARDRAIL END UNITS, TYPE TL-3 | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330489 |
| 2,600 | LF | REMOVE EXISTING GUARDRAIL | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330508 |
| 316 | SF | WORK ZONE SIGNS (STATIONARY) | Lump Sum | LS | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO 330509 |
| 344 | SF | WORK ZONE SIGNS (PORTABLE) | Lump Sum | LS | GENERIC STRUCTURE ITEM MOLDED RUBBER SEGMENTAL EXPANSION JOINT |
| 22 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) | Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330441 |
| 6 | EA | FLASHING ARROW BOARD | Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330444 |
| 6 | EA | PORTABLE CHANGEABLE MESSAGE SIGN | Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330451 |
| 4 | EA | WORK ZONE DIGITAL SPEED LIMIT SIGNS | | | |
| 16 | EA | WORK ZONE PRESENCE LIGHTING | | | |
| 350 | EA | DRUMS | | | |
| 40 | EA | SEQUENTIAL FLASHING WARNING LIGHTS | | | |
| 32 | LF | BARRICADES (TYPE III) | | | |
| 4 | EA | TMA | | | |
| 224 | HR | LAW ENFORCEMENT | | | |
| 4 | EA | GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE | | | |
| 6 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | | | |
| 47 | EA | COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II) | | | |
| 294,705 | LF | PAINT PAVEMENT MARKING LINES (6") | | | |
| 13,369 | LF | PAINT PAVEMENT MARKING LINES (12") | | | |
| 294,705 | LF | POLYUREA PAVEMENT MARKING LINES (6", 20 MILS) | | | |
| 13,369 | LF | POLYUREA PAVEMENT MARKING LINES (12", 20 MILS) | | | |

| | | |
|----------|----|---|
| Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330452 |
| Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330454 |
| Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330488 |
| Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330489 |
| Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330508 |
| Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE NO 330509 |
| Lump Sum | LS | GENERIC STRUCTURE ITEM VOLUMETRIC MIXER |
| 2,277.6 | LF | GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION |
| 2,815.7 | LF | GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT |
| 694.9 | CY | GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS |
| 249.2 | CF | GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION |
| 883.6 | SF | GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION |
| 129 | SF | GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR SILANE DECK TREATMENT |
| 15,687 | SF | GENERIC STRUCTURE ITEM EPOXY COATING |
| 11,804.4 | SF | GENERIC STRUCTURE ITEM EPOXY COATING CONCRETE GIRDER ENDS |
| 1,041.4 | SF | GENERIC STRUCTURE ITEM JOINT REPAIR |
| 17,425.1 | SF | GENERIC STRUCTURE ITEM SILANE BARRIER RAIL TREATMENT |
| 17,425.1 | SF | GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR CONCRETE BARRIER RAIL |
| 496.8 | SY | GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYESTER POLYMER CONCRETE OVERLAY |
| 19,987 | SY | GENERIC STRUCTURE ITEM PLACING & FINISHING POLYESTER POLYMER CONCRETE OVERLAY |
| 19,987 | SY | GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK |
| 35,799 | SY | GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK |
| 15,812 | SY | GENERIC STRUCTURE ITEM SILANE DECK TREATMENT |
| 12 | EA | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING BEARINGS WITH HRCSA BRIDGE NO 330444 |
| 12 | EA | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING BEARINGS WITH HRCSA BRIDGE NO 330508 |
| 10 | EA | GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING BEARINGS WITH HRCSA BRIDGE NO 330509 |
| 1 | EA | GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING BRIDGE NO 330161 |