

IMPORTANT NOTICE:

The 2024 NCDOT Standard Specifications and 2024 NCDOT Roadway Standard Drawings are now available on-line, and can be found here: [Contract Standards and Development Unit \(ncdot.gov\)](https://www.ncdot.gov/contractstandards). Additional content has been posted to be used along with these documents, which can be accessed at this link as well, under the 2024 Specifications and Standard Drawings websites or the Contracts Resources website. This includes memos with a summary of changes, Special Provisions to use with 2024 Standard Specifications, new instructions, updated spreadsheets with general notes for both ORD and SS2, etc. **Printed copies of the 2024 Standard Specifications and 2024 Roadway Standard Drawings will be available starting in September.**

PLEASE NOTE THAT ALL PROJECTS WITH A JANUARY 2024 OR LATER LET DATE SHALL BE PREPARED IN ACCORDANCE WITH THE NEW 2024 STANDARD SPECIFICATIONS AND 2024 ROADWAY STANDARD DRAWINGS.

This information is meant to be shared state-wide, so please feel free to forward this information to others who may need to be made aware, including but not limited to, Division representatives, private engineering firms, GESCs, industry representatives, et al.

Thank you.

Nicole M. Hackler, P.E.
State Plans & Standards Engineer
North Carolina Department of Transportation

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nmhackler@ncdot.gov

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1591 Mail Service Center
Raleigh, North Carolina 27699-1591





STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

**IMPORTANT INFORMATION
PLEASE READ**

TO PREQUALIFIED BIDDERS AND PURCHASE ORDER PRIMES:

The requirements for bidding on NCDOT construction projects are changing. The current requirement to purchase plans or a proposal to be eligible to bid will be replaced by a requirement to register for the *Interested Parties List*. This change will be effective for any Central or Division letting June 1, 2022 and later.

For any letting June 1, 2022 and later:

Contractors bidding on NCDOT contracts must sign up for the *Interested Parties List* for each project they intend to submit bids on. As part of this new requirement, Contractors must sign up for the *Interested Parties List* no later than one business day prior to the Letting Date.

The purchase of plans or proposals will no longer be required to bid on NCDOT Central Let projects and will be replaced by the new requirement above to sign up for the *Interested Parties List*. Plans will continue to be available for purchase, however anyone who purchases plans shall still sign up for the *Interested Parties List* to be eligible to bid.

A one-page quick guide follows this letter and the quick guide a more detailed walkthrough on signing up for the *Interested Parties List* can be found on the Central and Division Letting Resources pages at the links below:

<https://connect.ncdot.gov/letting/Pages/Central.aspx>

<https://connect.ncdot.gov/letting/Pages/Division-Letting-Resources.aspx>

The links and functionality described in the guides will be available on our website in the near future. For more information or assistance with this new process please submit any questions to InterestedPartiesHelp@ncdot.gov.

For additional assistance with general bidding related questions please email AWPhelp@ncdot.gov.

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

DocuSigned by:
Ronald E. Davenport, Jr.
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 if you have any problems registering.



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Upcoming Opportunities for DBE Firms to Participate on NCDOT Projects

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



[Central Highway Letting](#)

If you are interested in providing subcontractor work for any of these projects, we strongly encourage you to solicit each of the contractors bidding on these projects to see if they are interested in receiving a quote. A list of interested parties with their contact information is listed for each project being advertised.



[Central Plan Holder List](#)

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

Sincerely,

Ronald L. Keeter, Jr, PE
Chief Engineer
Division of Highways

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
OFFICE OF THE CHIEF ENGINEER
MAIL SERVICE CENTER 1536
RALEIGH, NC 27699-1536

Telephone 919-707-2500
Fax: 919-733-9428
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601



2023 NCDOT TECHNICAL TRAINING SCHEDULE



RALEIGH

Wake Technical Community College
Western Wake Campus
3434 Kildaire Farm Road
Cary, N.C. 27518

CHARLOTTE

Central Piedmont Community College
Central Campus
1201 Elizabeth Ave.
Charlotte, N.C. 28204

ASHEVILLE

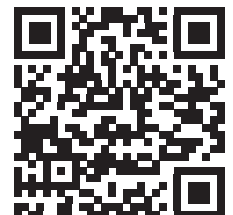
Asheville-Buncombe Technical Community College
Enka Campus
1465 Sand Hill Road
Candler, N.C. 28715

GREENVILLE

Pitt Community College
Greenville Center
3107 S. Memorial Drive
Greenville, N.C. 27834

| MONTH | COURSE TOPICS | RALEIGH | CHARLOTTE | ASHEVILLE | GREENVILLE |
|-----------|-----------------------------------|---------|-----------|-----------|------------|
| March | Erosion Control | March 9 | March 16 | March 23 | March 30 |
| April | Incidental Concrete | April 6 | April 13 | April 20 | n/a |
| May | Concrete Barrier Bridge Rail | May 4 | May 11 | May 18 | n/a |
| June | Pavement Markings | June 1 | June 8 | n/a | June 15 |
| July | Pipe Installation | July 13 | July 20 | n/a | July 27 |
| August | Guardrail Installation | Aug. 3 | Aug. 17 | Aug. 24 | Aug. 31 |
| September | Work Zone Traffic Control | Sept. 7 | Sept. 14 | Sept. 21 | Sept. 28 |
| October | Water/Sewer & Manhole Adjustments | Oct. 5 | Oct. 12 | n/a | n/a |
| November | Utility Installation & Removal | Nov. 2 | Nov. 9 | n/a | n/a |

The 2023 N.C. Department of Transportation Technical Training Series is a pilot program that will offer various courses to small highway construction contractors interested in working on NCDOT projects. Each course will cover NCDOT Standard Specifications and Drawings, equipment requirements, bidding and estimating, project management, invoicing and payment, and more. Courses will be held in Raleigh, Charlotte, Asheville and Greenville and will be taught in person by NCDOT engineers, prime contractors, and other industry professionals. To register, please visit the website: www.ncdot.gov/highwaystechtraining. For questions, please email: ccu@ncdot.gov or call: 984-810-9276.



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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISIONS) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN THE CONTRACT STANDARDS AND DEVELOPMENT UNIT RIVERWOOD CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. OR VIA THE WEBCAST AT **2:00 PM** ON DECEMBER 19, 2023. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

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

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

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

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

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE EMAILED TO THE STATE CONTRACT OFFICER AT ContractOfficer@ncdot.gov.

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS NOVEMBER 21, 2023.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

| DIV NO. | DIVISION ENGINEER | TOWN | TELEPHONE |
|---------|--------------------------|------------------|----------------|
| 001 | C. Win Bridgers, Jr., PE | EDENTON | (252) 482-1850 |
| 002 | Jeffrey Cabaniss, PE | GREENVILLE | (252) 439-2800 |
| 003 | D. Chad Kimes, PE | CASTLE HAYNE | (910) 341-2000 |
| 004 | D. Keith Eason, PE | WILSON | (252) 237-6164 |
| 005 | Brandon Jones, PE | DURHAM | (919) 220-4600 |
| 006 | Nathaniel Mills | FAYETTEVILLE | (910) 364-0600 |
| 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: L231219

| RPN Contract Id | WBS | County | Length | Job Type |
|-----------------|-------------------------------------|-------------------|-----------|---|
| 001 | C204767 47747.3.1 | DUPLIN | 0.451 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURE. |
| 002 | C204831 67046.3.1 | SAMPSON | 0.133 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURE. |
| 003 | C204909 2024CPT.05.07.10921.1, ETC. | WAKE | 8.833 MI | MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION. |
| 004 | C204845 49987.3.1, ETC. | ROBESON, COLUMBUS | 12.648 MI | DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION. |
| 005 | C204842 44381.3.1 | UNION | 0.587 MI | DRAINAGE, GRADING, PAVING, SIGNALS, AND STRUCTURE. |
| 006 | C204431 46425.3.1, ETC. | MECKLENBURG | 0.977 MI | GRADING, DRAINAGE, PAVING, AND WALL. |
| 007 | C204684 38332.3.1, ETC. | HAYWOOD | 0.641 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURES. |
| 008 | C204887 47427.3.1 | CHEROKEE | 3.773 MI | GRADING, DRAINAGE, PAVING, SIGNALS, CULVERTS AND WALLS. |
| 009 | C204823 50230.3.1 | HAYWOOD | 1.193 MI | GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE. |

*NOTE: C204431 MECKLENBURG U-5873/U-5907 HAS A MANDATORY PRE-BID CONFERENCE ON DECEMBER 5, 2023 AT 10:00 A.M. AT NCDOT DIVISION 10 OFFICE 716 WEST MAIN STREET ALBEMARLE, NC 28001 OR THERE IS A VIRTUAL OPTION (INFORMATION WITHIN C204431). CONTACT: DONALD GRIFFITH AT 704-983-4418 OR STUART BASHAM AT 704-983-4457.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219

001

CONTRACT ID : C204767 47747.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.451 MI

COUNTY : DUPLIN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.00% COMPLETION DATE : NOV 11, 2026

BRIDGE #16 AND #17 OVER CSX RAILROAD ON US-117.

| ROADWAY ITEMS | | | | | |
|---------------|-----|---------------------------------------|--------|-----|------------------------------------|
| Lump Sum | LS | MOBILIZATION | 1,875 | LF | STEEL BEAM GUARDRAIL |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 3,700 | CY | UNDERCUT EXCAVATION | 1 | EA | GUARDRAIL END UNITS, TYPE CAT-1 |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | 3 | EA | GUARDRAIL END UNITS, TYPE TL-3 |
| Lump Sum | LS | GRADING | 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 |
| 46,800 | CY | BORROW EXCAVATION | 2,325 | LF | REMOVE EXISTING GUARDRAIL |
| 550 | CY | DRAINAGE DITCH EXCAVATION | 32 | TON | RIP RAP, CLASS B |
| 3,550 | CY | SELECT GRANULAR MATERIAL | 1,681 | SY | GEOTEXTILE FOR DRAINAGE |
| 3,650 | SY | GEOTEXTILE FOR SOIL STABILIZATION | 134 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| 3,164 | SF | TEMPORARY SHORING | 2 | EA | SIGN ERECTION, TYPE D |
| 8,250 | SY | REINFORCED SOIL SLOPES | 4 | EA | SIGN ERECTION, TYPE E |
| Lump Sum | LS | GENERIC GRADING ITEM | 6 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| | | TYPE 1 BRIDGE APPROACH FILL, STATION | 537 | SF | WORK ZONE SIGNS (STATIONARY) |
| | | 23+56.64 -L- | 96 | SF | WORK ZONE SIGNS (PORTABLE) |
| 290 | TON | FOUNDATION CONDITIONING MATERIAL, | 69 | SF | WORK ZONE SIGNS (BARRICADE |
| | | MINOR STRUCTURES | | | MOUNTED) |
| 900 | SY | FOUNDATION CONDITIONING GEOTEXTILE | 1 | EA | FLASHING ARROW BOARD |
| 120 | LF | 15" DRAINAGE PIPE | 2 | EA | PORTABLE CHANGEABLE MESSAGE SIGN |
| 6 | EA | *** DRAINAGE PIPE ELBOWS | 4 | DAY | PORTABLE CHANGEABLE MESSAGE SIGN |
| | | (15") | | | (SHORT TERM) |
| 52 | LF | *** RC PIPE CULVERTS, CLASS ***** | 150 | EA | DRUMS |
| | | (18", CLASS V) | 75 | EA | CONES |
| 896 | LF | 15" RC PIPE CULVERTS, CLASS III | 132 | LF | BARRICADES (TYPE III) |
| 28 | LF | 18" RC PIPE CULVERTS, CLASS III | 60 | DAY | FLAGGER |
| 52 | LF | 24" RC PIPE CULVERTS, CLASS III | 1 | EA | TMA |
| 220 | LF | 30" RC PIPE CULVERTS, CLASS III | 10,911 | LF | THERMOPLASTIC PAVEMENT MARKING |
| 316 | LF | 15" RC PIPE CULVERTS, CLASS IV | | | LINES (4", 90 MILS) |
| 60 | LF | 18" RC PIPE CULVERTS, CLASS IV | 941 | LF | THERMOPLASTIC PAVEMENT MARKING |
| 1,409 | LF | PIPE REMOVAL | | | LINES (8", 90 MILS) |
| 3,530 | SY | GENERIC GRADING ITEM | 2 | EA | THERMOPLASTIC PAVEMENT MARKING |
| | | GEOTEXTILE FOR SUBGRADE | | | SYMBOL (90 MILS) |
| | | STABILIZATION | 824 | LF | COLD APPLIED PLASTIC PAVEMENT |
| 5.8 | CY | #57 STONE | | | MARKING LINES, TYPE ** (4") |
| | | | | | (II) |
| 540 | CY | SHALLOW UNDERCUT | 60 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 2,365 | TON | CLASS IV SUBGRADE STABILIZATION | 1 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 17 | TON | AGGREGATE BASE COURSE | 4 | EA | REMOVAL OF PAVEMENT MARKING |
| 450 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH | | | SYMBOLS & CHARACTERS |
| | | (1-1/2") | 22 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 1,353 | SY | INCIDENTAL MILLING | 90 | EA | NON-CAST IRON SNOWPLOWABLE |
| 2,380 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | | | PAVEMENT MARKER |
| 1,700 | TON | ASPHALT CONC INTERMEDIATE COURSE, | 910 | LF | 8" WATER LINE |
| | | TYPE I19.0C | 420 | LB | DUCTILE IRON WATER PIPE FITTINGS |
| 1,960 | TON | ASPHALT CONC SURFACE COURSE, TYPE | 1 | EA | RELOCATE WATER METER |
| | | S9.5B | 13 | LF | WATER SERVICE LINE |
| 325 | TON | ASPHALT BINDER FOR PLANT MIX | 852 | LF | ABANDON 8" UTILITY PIPE |
| 33.6 | CY | SUBDRAIN EXCAVATION | 25 | LF | 16" ENCASEMENT PIPE |
| 200 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS | 2,300 | LF | TEMPORARY SILT FENCE |
| 33.6 | CY | SUBDRAIN COARSE AGGREGATE | 480 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 200 | LF | 6" PERFORATED SUBDRAIN PIPE | 530 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 1 | EA | SUBDRAIN PIPE OUTLET | 430 | TON | SEDIMENT CONTROL STONE |
| 6 | LF | 6" OUTLET PIPE | 9.2 | ACR | TEMPORARY MULCHING |
| 0.447 | CY | PIPE COLLARS | 600 | LB | SEED FOR TEMPORARY SEEDING |
| 3 | CY | FLOWABLE FILL | 4 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 15 | EA | MASONRY DRAINAGE STRUCTURES | 850 | LF | TEMPORARY SLOPE DRAINS |
| 4.2 | LF | MASONRY DRAINAGE STRUCTURES | 360 | LF | SAFETY FENCE |
| 7 | EA | FRAME WITH TWO GRATES, STD 840.24 | 2,200 | CY | SILT EXCAVATION |
| 7 | EA | STEEL FRAME WITH TWO GRATES, STD | 25,570 | SY | MATTING FOR EROSION CONTROL |
| | | 840.37 | 10 | SY | COIR FIBER MAT |
| 760 | LF | SHOULDER BERM GUTTER | | | |

| | | | | | |
|-----------------|-----|--|-------|----|--|
| 270 | LF | 1/4" HARDWARE CLOTH | 696.9 | SY | GENERIC STRUCTURE ITEM |
| 125 | SY | LOW PERMEABILITY GEOTEXTILE | | | PLACING & FINISHING POLYMER |
| 1 | EA | SPECIAL STILLING BASINS | 696.9 | SY | CONCRETE OVERLAY |
| 1,070 | LF | COIR FIBER WATTLE | | | GENERIC STRUCTURE ITEM |
| 540 | LF | COIR FIBER WATTLE BARRIER | 696.9 | SY | SCARIFYING BRIDGE DECK |
| 285 | LB | POLYACRYLAMIDE (PAM) | | | GENERIC STRUCTURE ITEM |
| 285 | LF | COIR FIBER BAFFLE | 32 | EA | SHOTBLASTING BRIDGE DECK |
| 1 | EA | *** SKIMMER (2") | | | GENERIC STRUCTURE ITEM |
| 9.2 | ACR | SEEDING & MULCHING | | | TYPE I BRIDGE JACKING BRIDGE NO 300017 |
| 4.6 | ACR | MOWING | | | ***** BEGIN SCHEDULE AA***** |
| 100 | LB | SEED FOR REPAIR SEEDING | | | ***** (2 ALTERNATES) ***** |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING | 41.7 | CY | GENERIC STRUCTURE ITEM |
| 275 | LB | SEED FOR SUPPLEMENTAL SEEDING | | | POLYESTER POLYMER CONCRETE MATERIALS |
| 8.25 | TON | FERTILIZER TOPDRESSING | | | *** OR *** |
| 10 | MHR | SPECIALIZED HAND MOWING | 41.7 | CY | GENERIC STRUCTURE ITEM |
| 5 | MHR | MANUAL LITTER REMOVAL | | | EPOXY POLYMER CONCRETE MATERIALS |
| 1 | TON | LITTER DISPOSAL | | | *** END SCHEDULE AA*** |
| 18 | EA | RESPONSE FOR EROSION CONTROL | | | |
| 4 | EA | CONCRETE WASHOUT STRUCTURE | | | |
| STRUCTURE ITEMS | | | | | |
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+56.64 -L-) | | | |
| Lump Sum | LS | ASBESTOS ASSESSMENT | | | |
| 4 | EA | PDA TESTING | | | |
| Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (23+56.64 -L-) | | | |
| 9,807 | SF | REINFORCED CONCRETE DECK SLAB | | | |
| 14,377.7 | SF | GROOVING BRIDGE FLOORS | | | |
| 263.8 | CY | CLASS A CONCRETE (BRIDGE) | | | |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (23+56.64 -L-) | | | |
| 32,622 | LB | REINFORCING STEEL (BRIDGE) | | | |
| 1,063.43 | LF | MODIFIED 63" PRESTRESSED CONC GIRDERS | | | |
| Lump Sum | LS | POLLUTION CONTROL | | | |
| 26 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) | | | |
| 12 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 30 X 0.50) | | | |
| 1,755 | LF | HP 12 X 53 STEEL PILES | | | |
| 1,080 | LF | PP ** X **** GALVANIZED STEEL PILES (30 X 0.50) | | | |
| 12 | EA | PIPE PILE PLATES | | | |
| 16 | EA | PILE REDRIVES | | | |
| 586.29 | LF | CONCRETE BARRIER RAIL | | | |
| 528 | LF | *** CHAIN LINK FENCE (72") | | | |
| 2,963 | SY | 4" SLOPE PROTECTION | | | |
| 22.4 | SY | CLASS II, SURFACE PREPARATION | | | |
| 52 | SY | GEOTEXTILE FOR DRAINAGE | | | |
| Lump Sum | LS | ELASTOMERIC BEARINGS | | | |
| 0.8 | CF | CONCRETE REPAIRS | | | |
| 240.7 | CF | SHOTCRETE REPAIRS | | | |
| 32 | LF | EPOXY RESIN INJECTION | | | |
| Lump Sum | LS | GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR ZONE PAINTING | | | |
| Lump Sum | LS | GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS | | | |
| Lump Sum | LS | GENERIC STRUCTURE ITEM ZONE PAINTING OF EXISTING STRUCTURE | | | |
| 201 | LF | GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION | | | |
| 20.7 | LF | GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT | | | |
| 767 | LB | GENERIC STRUCTURE ITEM BEAM REPAIR PLATING | | | |
| 720 | SF | GENERIC STRUCTURE ITEM EPOXY COATING | | | |
| 22.4 | SY | GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY | | | |

CONTRACT ID: C204831 67046.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.133 MI

COUNTY : SAMPSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 2.00% COMPLETION DATE : APR 13, 2026

BRIDGE #810022 OVER BILLS SWAMP ON US-701.

| ROADWAY ITEMS | | | 1 | EA | GENERIC GUARDRAIL ITEM |
|---------------|-----|---|----------|-----|--|
| Lump Sum | LS | MOBILIZATION | | | TEMPORARY GUARDRAIL END UNIT TYPE AT-1 |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 115 | TON | RIP RAP, CLASS I |
| Lump Sum | LS | GRADING | 3 | TON | RIP RAP, CLASS B |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | 1,090 | SY | GEOTEXTILE FOR DRAINAGE |
| 300 | CY | UNDERCUT EXCAVATION | 116 | SF | WORK ZONE SIGNS (STATIONARY) |
| 90 | CY | DRAINAGE DITCH EXCAVATION | 96 | SF | WORK ZONE SIGNS (PORTABLE) |
| 300 | CY | SELECT GRANULAR MATERIAL | 56 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 1,400 | SY | GEOTEXTILE FOR SOIL STABILIZATION | 60 | EA | DRUMS |
| 332 | SY | ROCK PLATING | 96 | LF | BARRICADES (TYPE III) |
| Lump Sum | LS | GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 24+30.00 -L- | 60 | DAY | FLAGGER |
| 30 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 30 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 80 | SY | FOUNDATION CONDITIONING GEOTEXTILE | 5,600 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 64 | LF | 15" DRAINAGE PIPE | 9,200 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 4 | EA | *** DRAINAGE PIPE ELBOWS (15") | 18 | EA | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER |
| 80 | LF | **** RC PIPE CULVERTS, CLASS ***** (15", V) | 3,330 | LF | TEMPORARY SILT FENCE |
| 72 | LF | 36" RC PIPE CULVERTS, CLASS III | 225 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 32 | LF | PIPE REMOVAL | 220 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 1,204 | TON | AGGREGATE BASE COURSE | 185 | TON | SEDIMENT CONTROL STONE |
| 30 | TON | INCIDENTAL STONE BASE | 4.5 | ACR | TEMPORARY MULCHING |
| 1,030 | GAL | PRIME COAT | 300 | LB | SEED FOR TEMPORARY SEEDING |
| 280 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (3") | 2.5 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 300 | SY | INCIDENTAL MILLING | 330 | LF | TEMPORARY SLOPE DRAINS |
| 200 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | 1,760 | LF | SAFETY FENCE |
| 170 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | 382 | CY | SILT EXCAVATION |
| 880 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | 5,400 | SY | MATTING FOR EROSION CONTROL |
| 75 | TON | ASPHALT BINDER FOR PLANT MIX | 1,490 | SY | COIR FIBER MAT |
| 12 | EA | RIGHT-OF-WAY MARKERS | 160 | LF | 1/4" HARDWARE CLOTH |
| 45 | CY | SUBDRAIN EXCAVATION | 175 | SY | LOW PERMEABILITY GEOTEXTILE |
| 200 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS | 25 | SY | FLOATING TURBIDITY CURTAIN |
| 34 | CY | SUBDRAIN COARSE AGGREGATE | 4 | EA | SPECIAL STILLING BASINS |
| 200 | LF | 6" PERFORATED SUBDRAIN PIPE | 800 | LF | COIR FIBER WATTLE |
| 1 | EA | SUBDRAIN PIPE OUTLET | 45 | LB | POLYACRYLAMIDE (PAM) |
| 6 | LF | 6" OUTLET PIPE | 130 | LF | COIR FIBER BAFFLE |
| 5 | EA | MASONRY DRAINAGE STRUCTURES | 1 | EA | *** SKIMMER (1-1/2") |
| 5 | EA | FRAME WITH TWO GRATES, STD 840.29 | 4.5 | ACR | SEEDING & MULCHING |
| 328 | LF | SHOULDER BERM GUTTER | 2.25 | ACR | MOWING |
| 375 | LF | STEEL BEAM GUARDRAIL | 50 | LB | SEED FOR REPAIR SEEDING |
| 38 | LF | STEEL BEAM GUARDRAIL, SHOP CURVED | 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS | 125 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 1 | EA | GUARDRAIL END UNITS, TYPE AT-1 | 3.5 | TON | FERTILIZER TOPDRESSING |
| 3 | EA | GUARDRAIL END UNITS, TYPE TL-3 | 10 | MHR | SPECIALIZED HAND MOWING |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 | 2 | MHR | MANUAL LITTER REMOVAL |
| 262.5 | LF | TEMPORARY STEEL BEAM GUARDRAIL | 1 | TON | LITTER DISPOSAL |
| 50 | LF | TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED) | 18 | EA | RESPONSE FOR EROSION CONTROL |
| 4 | EA | TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III) | 3 | EA | CONCRETE WASHOUT STRUCTURE |
| 3 | EA | TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3) | 1 | ACR | REFORESTATION |
| | | | | | STRUCTURE ITEMS |
| | | | Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (24+30.00 -L-) |
| | | | Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+30.00 -L-) |

| | | |
|----------|-----|--|
| Lump Sum | LS | ASBESTOS ASSESSMENT |
| 3 | EA | PDA TESTING |
| Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+30.00 -L-) |
| 6,996 | SF | REINFORCED CONCRETE DECK SLAB |
| 7,708 | SF | GROOVING BRIDGE FLOORS |
| 82.4 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (24+30.00 -L-) |
| 12,888 | LB | REINFORCING STEEL (BRIDGE) |
| 787.08 | LF | 36" PRESTRESSED CONCRETE GIRDERS |
| 12 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) |
| 12 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 18 X 0.50) |
| 690 | LF | HP 12 X 53 STEEL PILES |
| 660 | LF | PP 18 X 0.50 GALVANIZED STEEL PILES |
| 12 | EA | PILE REDRIVES |
| 316.67 | LF | CONCRETE BARRIER RAIL |
| 525 | TON | RIP RAP CLASS II (2'-0" THICK) |
| 585 | SY | GEOTEXTILE FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231219

003

CONTRACT ID : C204909

2024CPT.05.07.10921.1

DIV OFFICE DURHAM

LENGTH = 8.833 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 6.00% COMPLETION DATE : SEP 30, 2025

1 SECTION OF NC-55, AND 16 SECTIONS OF SECONDARY ROADS.

| ROADWAY ITEMS | | | 558 | LF | PAINT PAVEMENT MARKING LINES (8") |
|---------------|-----|---|-------|----|--|
| Lump Sum | LS | MOBILIZATION | 247 | LF | PAINT PAVEMENT MARKING LINES (12") |
| 303 | TON | INCIDENTAL STONE BASE | 271 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 9.98 | SMI | SHOULDER RECONSTRUCTION | 24 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 923 | TON | AGGREGATE SHOULDER BORROW | 2,440 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| 67,285 | SY | MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2") | 233 | EA | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER |
| 25,858 | SY | MILLING ASPHALT PAVEMENT, ***" DEPTH (2") | 3,882 | LF | INDUCTIVE LOOP SAWCUT |
| 13,172 | SY | INCIDENTAL MILLING | | | |
| 11,473 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | |
| 3,611 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | | | |
| 1,008 | TON | ASPHALT BINDER FOR PLANT MIX | | | |
| 1,028 | TON | PATCHING EXISTING PAVEMENT | | | |
| 424 | LF | 2'-6" CONCRETE CURB & GUTTER | | | |
| 195 | SY | 4" CONCRETE SIDEWALK | | | |
| 8 | EA | CONCRETE CURB RAMPS | | | |
| 78 | EA | REMOVE AND REPLACE CURB RAMPS | | | |
| 57 | SY | GENERIC PAVING ITEM REMOVE AND REPLACE SIDEWALK | | | |
| 10 | SY | GENERIC PAVING ITEM REMOVE ISLAND | | | |
| 50 | SY | GENERIC PAVING ITEM REMOVE SIDEWALK | | | |
| 40 | LF | GENERIC PAVING ITEM REMOVE CURB AND GUTTER | | | |
| 2 | EA | GENERIC PAVING ITEM REMOVE AND REPLACE GREENWAY CONNECTION | | | |
| 27 | EA | GENERIC PAVING ITEM REMOVE CURB RAMP | | | |
| 17 | EA | GENERIC PAVING ITEM RETROFIT CURB RAMP DETECTABLE WARNINGS | | | |
| 1 | EA | ADJUSTMENT OF MANHOLES | | | |
| 4 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES | | | |
| 65 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (E) | | | |
| 15 | EA | SIGN ERECTION, TYPE E | | | |
| 1,109 | SF | WORK ZONE ADVANCE/GENERAL WARNING SIGNING | | | |
| 180 | LF | PEDESTRIAN CHANNELIZING DEVICES | | | |
| Lump Sum | LS | TEMPORARY TRAFFIC CONTROL | | | |
| 160 | HR | LAW ENFORCEMENT | | | |
| 6 | EA | GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES | | | |
| 60 | EA | GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP) | | | |
| 160,924 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | | | |
| 2,135 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | | | |
| 399 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) | | | |
| 193 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS) | | | |
| 2,682 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | | | |
| 30 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) | | | |
| 141 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | | | |
| 2,440 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III) | | | |
| 8,356 | LF | PAINT PAVEMENT MARKING LINES (4") | | | |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219

004

CONTRACT ID : C204845 49987.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 12.648 MI

COUNTY : ROBESON, COLUMBUS

DRAINAGE, PAVEMENT REHABILITATION, AND BRIDGE PRESERVATION.

DBE GOAL 6.00% COMPLETION DATE : JUL 01, 2026

FUTURE I-74: US-74 FROM E OF NC-41 TO LUMBER RIVER BRIDGES AND US-74 FROM SCOTLAND CO LINE TO I-74/US-74 BUS.

| ROADWAY ITEMS | | | | | | |
|---------------|-----|--|----------|-----|--|--|
| | | | 8 | CY | REINFORCED CONCRETE SIGN FOUNDATIONS | |
| Lump Sum | LS | MOBILIZATION | 1 | CY | PLAIN CONCRETE SIGN FOUNDATIONS | |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 8,440 | LB | SUPPORTS, BREAKAWAY STEEL BEAM | |
| 35 | CY | BORROW EXCAVATION | 420 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL | |
| 6,740 | SY | REMOVAL OF EXISTING ASPHALT PAVEMENT | 3 | EA | SIGN ERECTION, TYPE D | |
| 21 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 10 | EA | SIGN ERECTION, TYPE E | |
| 60 | SY | FOUNDATION CONDITIONING GEOTEXTILE | 2 | EA | SIGN ERECTION, TYPE F | |
| 64 | LF | 15" RC PIPE CULVERTS, CLASS III | 10 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) | |
| 32 | LF | 18" RC PIPE CULVERTS, CLASS III | 8 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) | |
| 32 | LF | 24" RC PIPE CULVERTS, CLASS III | | | | |
| 32 | LF | 30" RC PIPE CULVERTS, CLASS III | 11 | EA | DISPOSAL OF SIGN SYSTEM, STEEL BEAM | |
| 8 | LF | 36" RC PIPE CULVERTS, CLASS III | 5 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | |
| 4 | LF | 15" CS PIPE CULVERTS, 0.064" THICK | 1,680 | SF | WORK ZONE SIGNS (STATIONARY) | |
| 16 | LF | 18" CS PIPE CULVERTS, 0.064" THICK | 576 | SF | WORK ZONE SIGNS (PORTABLE) | |
| 1 | EA | PIPE CLEAN OUT | 8 | EA | WORK ZONE DIGITAL SPEED LIMIT SIGNS | |
| 350 | TON | INCIDENTAL STONE BASE | 28 | EA | WORK ZONE PRESENCE LIGHTING | |
| 17.35 | SMI | SHOULDER RECONSTRUCTION | 26 | EA | SEQUENTIAL FLASHING WARNING LIGHTS | |
| 35,595 | TON | AGGREGATE SHOULDER BORROW | 150 | EA | CONES | |
| 24,420 | SY | MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2") | 12 | EA | GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES | |
| 5,395 | SY | MILLING ASPHALT PAVEMENT, ***" DEPTH (2") | 12 | EA | GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL | |
| 104,815 | SY | MILLING ASPHALT PAVEMENT, ***" TO ***** (0-3/4" TO 1-1/2") | 450 | EA | GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE | |
| 250,175 | SY | MILLING ASPHALT PAVEMENT, ***" TO ***** (1" TO 2") | 360,550 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) | |
| 104,790 | SY | MILLING ASPHALT PAVEMENT, ***" TO ***** (1" TO 3") | 7,350 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) | |
| 12,475 | SY | INCIDENTAL MILLING | 16 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) | |
| 18,080 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | 79 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | |
| 54,400 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | 165 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II) | |
| 4,030 | TON | ASPHALT BINDER FOR PLANT MIX | 368,570 | LF | PAINT PAVEMENT MARKING LINES (6") | |
| 261,950 | LF | MILLED RUMBLE STRIPS (ASPHALT CONCRETE) | 7,350 | LF | PAINT PAVEMENT MARKING LINES (12") | |
| 43.4 | CY | PIPE COLLARS | 165 | LF | PAINT PAVEMENT MARKING LINES (24") | |
| 16 | EA | MASONRY DRAINAGE STRUCTURES | 16 | EA | PAINT PAVEMENT MARKING CHARACTER | |
| 2.6 | LF | MASONRY DRAINAGE STRUCTURES | 79 | EA | PAINT PAVEMENT MARKING SYMBOL | |
| 18 | EA | FRAME WITH TWO GRATES, STD 840.22 | 8,020 | LF | POLYUREA PAVEMENT MARKING LINES, **", ** MILS (STANDARD GLASS BEADS) (6", 30 MILS) | |
| 19 | EA | GENERIC DRAINAGE ITEM CONCRETE APRON FOR DROP INLET | 2,031 | EA | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER | |
| 13.7 | SY | 4" CONCRETE PAVED DITCH | 600 | LF | TEMPORARY SILT FENCE | |
| 1 | EA | ADJUSTMENT OF DROP INLETS | 200 | TON | SEDIMENT CONTROL STONE | |
| 2 | EA | IMPACT ATTENUATOR UNITS, TYPE TL-3 | 450 | LF | SAFETY FENCE | |
| 32,950 | LF | STEEL BEAM GUARDRAIL | 1,700 | LF | 1/4" HARDWARE CLOTH | |
| 200 | LF | STEEL BEAM GUARDRAIL, SHOP CURVED | 1,600 | LF | WATTLE | |
| 40 | EA | ADDITIONAL GUARDRAIL POSTS | 4 | ACR | SEEDING & MULCHING | |
| 1 | EA | GUARDRAIL END UNITS, TYPE AT-1 | 10 | EA | RESPONSE FOR EROSION CONTROL | |
| 16 | EA | GUARDRAIL END UNITS, TYPE CAT-1 | 14 | EA | CONCRETE WASHOUT STRUCTURE | |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III | | | | |
| 40 | EA | GUARDRAIL END UNITS, TYPE TL-3 | | | | |
| 52 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 | 4 | CF | SHOTCRETE REPAIRS | |
| 35,859 | LF | REMOVE EXISTING GUARDRAIL | 24.6 | LF | EPOXY RESIN INJECTION | |
| 2,690 | LF | WOVEN WIRE FENCE, 47" FABRIC | Lump Sum | LS | GENERIC STRUCTURE ITEM VOLUMETRIC MIXER | |
| 152 | EA | 4" TIMBER FENCE POSTS, 7'-6" LONG | 379 | LF | GENERIC STRUCTURE ITEM ASPHALT PLUG JOINT FOR PRESERVATION | |
| 74 | EA | 5" TIMBER FENCE POSTS, 8'-0" LONG | | | | |

| | | |
|----------|----|--|
| 1,546.7 | LF | GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION |
| 208.8 | CF | GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION |
| 7.4 | CF | GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CONCRETE CORED SLABS |
| 1,011.5 | SF | GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION |
| 18,955.9 | SF | GENERIC STRUCTURE ITEM SILANE BARRIER RAIL TREATMENT |
| 10,566.5 | SF | GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR CONCRETE BARRIER RAIL |
| 8,389.4 | SF | GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR SILANE BARRIER RAIL TREATMENT |
| 13,359.7 | SY | GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK |
| 13,359.7 | SY | GENERIC STRUCTURE ITEM SILANE DECK TREATMENT |
| 12 | EA | GENERIC STRUCTURE ITEM POST TENSIONING STRAND REPLACEMENT |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231219

005

CONTRACT ID : C204842

44381.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.587 MI

COUNTY : UNION

DRAINAGE, GRADING, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 5.00% COMPLETION DATE : FEB 11, 2027

SR-1362 (CHESTNUT LANE CONNECTOR) FROM SR-1367 (MATTHEWS INDIAN TRAIL ROAD) TO SR-1368 (GRIBBLE ROAD).

ROADWAY ITEMS

| | | | | | |
|----------|-----|---|--------|-----|--|
| | | | 8 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| Lump Sum | LS | MOBILIZATION | 8 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| Lump Sum | LS | CONSTRUCTION SURVEYING | | | (E) |
| 1 | EA | SEALING ABANDONED WELLS | 21 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | | | (F) |
| 1,450 | CY | UNDERCUT EXCAVATION | 15 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| Lump Sum | LS | GRADING | | | (G) |
| 190,000 | CY | BORROW EXCAVATION | 2 | EA | FRAME WITH COVER, STD 840.54 |
| 700 | CY | DRAINAGE DITCH EXCAVATION | 10 | EA | CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN |
| 1,700 | CY | SELECT GRANULAR MATERIAL | 15 | EA | CONCRETE TRANSITIONAL SECTION FOR DROP INLET |
| 3,600 | SY | GEOTEXTILE FOR SOIL STABILIZATION | 290 | LF | *** X *** CONCRETE CURB (9" X 12") |
| Lump Sum | LS | GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 55+00.96 -L2- | 4,280 | LF | 1'-6" CONCRETE CURB & GUTTER |
| 480 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 5,730 | LF | 2'-6" CONCRETE CURB & GUTTER |
| 1,500 | SY | FOUNDATION CONDITIONING GEOTEXTILE | 1,110 | LF | SHOULDER BERM GUTTER |
| 568 | LF | 15" DRAINAGE PIPE | 1 | EA | MODIFIED CONCRETE FLUME |
| 32 | LF | 18" DRAINAGE PIPE | 50 | LF | CONCRETE EXPRESSWAY GUTTER |
| 8 | EA | *** DRAINAGE PIPE ELBOWS (15") | 2,450 | SY | 4" CONCRETE SIDEWALK |
| 408 | LF | **** RC PIPE CULVERTS, CLASS ***** (18", V) | 18 | EA | CONCRETE CURB RAMPS |
| 144 | LF | ***** RC PIPE CULVERTS, CLASS IV (72") | 1,570 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) |
| 2,892 | LF | 15" RC PIPE CULVERTS, CLASS IV | 280 | SY | GENERIC PAVING ITEM 6" JOINTED CONCRETE PAVEMENT |
| 204 | LF | 24" RC PIPE CULVERTS, CLASS IV | 375 | SY | GENERIC PAVING ITEM 7" JOINTED CONCRETE TRUCK APRON |
| 224 | LF | 36" RC PIPE CULVERTS, CLASS IV | 50 | LF | GENERIC PAVING ITEM 1'-6" CONCRETE CURB AND GUTTER (SPECIAL) |
| 537 | LF | PIPE REMOVAL | 5 | EA | ADJUSTMENT OF MANHOLES |
| 850 | CY | SHALLOW UNDERCUT | 2,125 | LF | STEEL BEAM GUARDRAIL |
| 1,650 | TON | CLASS IV SUBGRADE STABILIZATION | 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 150 | TON | INCIDENTAL STONE BASE | 2 | EA | GUARDRAIL END UNITS, TYPE CAT-1 |
| 4,100 | SY | INCIDENTAL MILLING | 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 7,300 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | 2 | EA | GUARDRAIL END UNITS, TYPE TL-3 |
| 4,800 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | 80 | TON | RIP RAP, CLASS I |
| 3,600 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | 25 | TON | RIP RAP, CLASS B |
| 780 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | 1,865 | SY | GEOTEXTILE FOR DRAINAGE |
| 840 | TON | ASPHALT BINDER FOR PLANT MIX | 3 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON |
| 230 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR | 800 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| 4 | EA | CONTROL-OF-ACCESS MARKERS | 60 | EA | SIGN ERECTION, TYPE E |
| 44.8 | CY | SUBDRAIN EXCAVATION | 6 | EA | SIGN ERECTION, TYPE F |
| 200 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS | 1 | EA | SIGN ERECTION, RELOCATE TYPE ***** (GROUND MOUNTED) |
| 33.6 | CY | SUBDRAIN COARSE AGGREGATE | | | (D) |
| 200 | LF | 6" PERFORATED SUBDRAIN PIPE | 11 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 1 | EA | SUBDRAIN PIPE OUTLET | 1 | EA | DISPOSAL OF SIGN, D, E OR F |
| 6 | LF | 6" OUTLET PIPE | 324 | SF | WORK ZONE SIGNS (STATIONARY) |
| 3.4 | CY | ENDWALLS | 384 | SF | WORK ZONE SIGNS (PORTABLE) |
| 7.5 | CY | REINFORCED ENDWALLS | 80 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 1.504 | CY | PIPE COLLARS | 2 | EA | FLASHING ARROW BOARD |
| 71 | EA | MASONRY DRAINAGE STRUCTURES | 2 | EA | PORTABLE CHANGEABLE MESSAGE SIGN |
| 11.8 | CY | MASONRY DRAINAGE STRUCTURES | 310 | EA | DRUMS |
| 8.8 | LF | MASONRY DRAINAGE STRUCTURES | 240 | LF | BARRICADES (TYPE III) |
| 13 | EA | FRAME WITH TWO GRATES, STD 840.16 | 190 | DAY | FLAGGER |
| 2 | EA | FRAME WITH TWO GRATES, STD 840.20 | 65 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 2 | EA | FRAME WITH TWO GRATES, STD 840.22 | 10,015 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 1 | EA | FRAME WITH TWO GRATES, STD 840.24 | | | |

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|--------|-----|--|----------|-----|---|
| 1,789 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) | 20 | LF | IMPERVIOUS DIKE |
| 2,041 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | 10 | MHR | SPECIALIZED HAND MOWING |
| 416 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) | 75 | EA | RESPONSE FOR EROSION CONTROL |
| 1,574 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | 10 | EA | CONCRETE WASHOUT STRUCTURE |
| 24 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) | 26 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE SERVICE |
| 78 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | 78 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE SERVICE CLEANOUT |
| 1,030 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II) | 8 | EA | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN) |
| 3,101 | LF | PAINT PAVEMENT MARKING LINES (4") | 4,710 | LF | SIGNAL CABLE |
| 32 | LF | PAINT PAVEMENT MARKING LINES (24") | 16 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) |
| 2 | EA | PAINT PAVEMENT MARKING SYMBOL | 8 | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION) |
| 300 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") | 2 | EA | VEHICLE SIGNAL HEAD (12", 5 SECTION) |
| 80 | LF | REMOVAL OF PAVEMENT MARKING LINES (8") | 2,705 | LF | TRACER WIRE |
| 329 | EA | PERMANENT RAISED PAVEMENT MARKERS | 1,860 | LF | UNPAVED TRENCHING (***** (1, 2")) |
| 172 | LF | 6" WATER LINE | 2,470 | LF | UNPAVED TRENCHING (***** (2, 2")) |
| 2,705 | LF | 8" WATER LINE | 165 | LF | UNPAVED TRENCHING (***** (3, 2")) |
| 472 | LF | 12" WATER LINE | 30 | LF | UNPAVED TRENCHING (***** (4, 2")) |
| 5,485 | LB | DUCTILE IRON WATER PIPE FITTINGS | 690 | LF | DIRECTIONAL DRILL (***** (2, 2")) |
| 2 | EA | *** VALVE (3/4") | 80 | LF | DIRECTIONAL DRILL (***** (3, 2")) |
| 1 | EA | 6" VALVE | 17 | EA | JUNCTION BOX (STANDARD SIZE) |
| 5 | EA | 8" VALVE | 23 | EA | JUNCTION BOX (OVER-SIZED, HEAVY DUTY) |
| 2 | EA | 12" VALVE | 3 | EA | 2" RISER WITH HEAT SHRINK TUBING |
| 1 | EA | 8" BLOW OFF | 2,380 | LF | INDUCTIVE LOOP SAWCUT |
| 2 | EA | RELOCATE WATER METER | 7,207 | LF | LEAD-IN CABLE (***** (14-2) |
| 123 | LF | WATER SERVICE LINE | 3,870 | LF | COMMUNICATIONS CABLE (** FIBER) (24) |
| 131 | LF | ABANDON 6" UTILITY PIPE | 1,020 | LF | DROP CABLE |
| 835 | LF | ABANDON 8" UTILITY PIPE | 3 | EA | SPLICE ENCLOSURE |
| 1 | EA | REMOVE WATER METER | 1 | EA | MODIFY SPLICE ENCLOSURE |
| 467 | LF | 18" ENCASEMENT PIPE | 5 | EA | INTERCONNECT CENTER |
| 124 | LF | 24" ENCASEMENT PIPE | 11 | EA | DELINEATOR MARKER |
| 200 | LF | BORE AND JACK OF *** (18") | 7 | EA | METAL POLE WITH SINGLE MAST ARM |
| 10,290 | LF | TEMPORARY SILT FENCE | 7 | EA | SOIL TEST |
| 595 | TON | STONE FOR EROSION CONTROL, CLASS A | 70 | CY | DRILLED PIER FOUNDATION |
| 1,690 | TON | STONE FOR EROSION CONTROL, CLASS B | 7 | EA | MAST ARM WITH METAL POLE DESIGN |
| 1,905 | TON | SEDIMENT CONTROL STONE | 15 | EA | SIGN FOR SIGNALS |
| 21.5 | ACR | TEMPORARY MULCHING | 8 | EA | TYPE II PEDESTAL WITH FOUNDATION |
| 1,200 | LB | SEED FOR TEMPORARY SEEDING | 3 | EA | TYPE III PEDESTAL WITH FOUNDATION |
| 7 | TON | FERTILIZER FOR TEMPORARY SEEDING | 4 | EA | SIGNAL CABINET FOUNDATION |
| 915 | LF | TEMPORARY SLOPE DRAINS | 4 | EA | CONTROLLERS WITH CABINET (***** (TYPE 2070LX W/ QFREE MAXTIME, BASE MOUNTED) |
| 1,000 | LF | SAFETY FENCE | 19 | EA | DETECTOR CARD (TYPE 170) |
| 6,420 | CY | SILT EXCAVATION | 4 | EA | CABINET BASE EXTENDER |
| 42,505 | SY | MATTING FOR EROSION CONTROL | 5 | EA | GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH |
| 100 | SY | COIR FIBER MAT | 11 | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL (BLACK) |
| 160 | SY | PERMANENT SOIL REINFORCEMENT MAT | 7 | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK) |
| 6,050 | LF | 1/4" HARDWARE CLOTH | 830 | LF | GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE |
| 25 | LF | TEMPORARY PIPE FOR STREAM CROSSING | | | STRUCTURE ITEMS |
| 2 | EA | SPECIAL STILLING BASINS | 178 | LF | *** DIA DRILLED PIERS (5'-0") |
| 230 | LF | COIR FIBER WATTLE | 2 | EA | SID INSPECTIONS |
| 1,534 | LF | WATTLE BARRIER | 8 | EA | SPT TESTING |
| 170 | LB | POLYACRYLAMIDE (PAM) | 2 | EA | CSL TESTING |
| 1,145 | LF | COIR FIBER BAFFLE | 17,273 | SF | REINFORCED CONCRETE DECK SLAB |
| 2 | EA | *** SKIMMER (1-1/2") | 15,342 | SF | GROOVING BRIDGE FLOORS |
| 2 | EA | *** SKIMMER (2") | 312.4 | CY | CLASS A CONCRETE (BRIDGE) |
| 1 | EA | *** SKIMMER (2-1/2") | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (55+00.96 -L2-) |
| 27 | ACR | SEEDING & MULCHING | | | |
| 21 | ACR | MOWING | | | |
| 250 | LB | SEED FOR REPAIR SEEDING | | | |
| 1 | TON | FERTILIZER FOR REPAIR SEEDING | | | |
| 600 | LB | SEED FOR SUPPLEMENTAL SEEDING | | | |
| 18 | TON | FERTILIZER TOPDRESSING | | | |

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|----------|----|---|
| 82,262 | LB | REINFORCING STEEL (BRIDGE) |
| 10,914 | LB | SPIRAL COLUMN REINFORCING STEEL (BRIDGE) |
| 1,684.42 | LF | 54" PRESTRESSED CONCRETE GIRDERS |
| 26 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) |
| 1,400 | LF | HP 12 X 53 STEEL PILES |
| 470.8 | LF | TWO BAR METAL RAIL |
| 501.4 | LF | 1'-**" X ***** CONCRETE PARAPET (1'-2" X 2'-6") |
| 482 | LF | *** CHAIN LINK FENCE (72") |
| 1,811 | SY | 4" SLOPE PROTECTION |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| Lump Sum | LS | GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINT |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219

006

CONTRACT ID : C204431 46425.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.977 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, AND WALL.

DBE GOAL 6.00% COMPLETION DATE : FEB 28, 2027

ROUNDBABOUTS AT NC-115/DAVIDSON ST/POTTS ST AND AT SR-6038/GRIFFITH ST/BEATY ST AND NEW LOCATION
FROM SR-6037 TO SR-6038.

| ROADWAY ITEMS | | | | | |
|---------------|-----|---|-------|-----|--|
| Lump Sum | LS | MOBILIZATION | 4 | EA | TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 13.9 | CY | ENDWALLS |
| 880 | LF | GENERIC MISCELLANEOUS ITEM | 26 | CY | FLOWABLE FILL |
| | | 2" PVC SCH 40 CONDUIT | 63 | EA | MASONRY DRAINAGE STRUCTURES |
| Lump Sum | LS | GRADING | 84.4 | LF | MASONRY DRAINAGE STRUCTURES |
| 2 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | 3 | EA | FRAME WITH GRATE, STD 840.24 |
| 4,850 | CY | UNDERCUT EXCAVATION | 2 | EA | FRAME WITH TWO GRATES, STD 840.16 |
| 180 | CY | DRAINAGE DITCH EXCAVATION | 1 | EA | FRAME WITH TWO GRATES, STD 840.24 |
| 20 | HR | PROOF ROLLING | 4 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 400 | CY | SELECT GRANULAR MATERIAL | 10 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| 400 | SY | GEOTEXTILE FOR SOIL STABILIZATION | | | (E) |
| 4,400 | CY | GENERIC GRADING ITEM | 21 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| | | BORROW MATERIAL ASBESTOS AREAS | | | (F) |
| 8,000 | TON | GENERIC GRADING ITEM | 17 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| | | HAULING AND DISPOSAL OF ASBESTOS CONTAINING SOIL | | | (G) |
| 440 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 3 | EA | FRAME WITH COVER, STD 840.54 |
| 1,360 | SY | FOUNDATION CONDITIONING GEOTEXTILE | 250 | LF | *** X *** CONCRETE CURB (12" X 6") |
| 220 | LF | 15" DRAINAGE PIPE | 190 | LF | *** X *** CONCRETE CURB (8" X 12") |
| 492 | LF | 24" DRAINAGE PIPE | 380 | LF | *** X *** CONCRETE CURB (8" X 18") |
| 24 | LF | 36" DRAINAGE PIPE | 160 | LF | ***,*** CONCRETE CURB & GUTTER (2'-0") |
| 128 | LF | 42" DRAINAGE PIPE | 90 | LF | 1'-6" CONCRETE CURB & GUTTER |
| 328 | LF | ***** RC PIPE CULVERTS, CLASS IV (48") | 8,410 | LF | 2'-6" CONCRETE CURB & GUTTER |
| 1,040 | LF | 15" RC PIPE CULVERTS, CLASS IV | 5,090 | SY | 4" CONCRETE SIDEWALK |
| 912 | LF | 18" RC PIPE CULVERTS, CLASS IV | 40 | EA | CONCRETE CURB RAMPS |
| 484 | LF | 24" RC PIPE CULVERTS, CLASS IV | 570 | SY | 6" CONCRETE DRIVEWAY |
| 44 | LF | 30" RC PIPE CULVERTS, CLASS IV | 840 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) |
| 340 | LF | 36" RC PIPE CULVERTS, CLASS IV | 40 | LF | PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED |
| 36 | LF | 42" RC PIPE CULVERTS, CLASS IV | 360 | SY | GENERIC PAVING ITEM |
| 912 | LF | PIPE REMOVAL | | | 12" TRUCK MOUNTABLE CONCRETE ISLAND CLASS AA CONCRETE |
| 750 | SY | GENERIC GRADING ITEM | 45 | SY | GENERIC PAVING ITEM |
| | | GEOTEXTILE FOR SUBGRADE STABILIZATION | | | 12" TRUCK MOUNTABLE CONCRETE ISLAND CLASS AA CONCRETE (BLACK TINT) |
| 250 | CY | SHALLOW UNDERCUT | 160 | SY | GENERIC PAVING ITEM |
| 550 | TON | CLASS IV SUBGRADE STABILIZATION | | | 6" REINFORCED CONCRETE SIDEWALK |
| 500 | TON | INCIDENTAL STONE BASE | 720 | LF | GENERIC PAVING ITEM |
| 4,570 | SY | MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2") | | | 1'-6" CONCRETE CURB AND GUTTER CLASS AA CONCRETE |
| 690 | SY | INCIDENTAL MILLING | 1 | EA | ADJUSTMENT OF MANHOLES |
| 3,990 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | 5 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES |
| 3,580 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | 750 | LF | STEEL BEAM GUARDRAIL |
| 1,130 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | 10 | EA | ADDITIONAL GUARDRAIL POSTS |
| 1,840 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | 8 | EA | GUARDRAIL END UNITS, TYPE TL-2 |
| 545 | TON | ASPHALT BINDER FOR PLANT MIX | 2 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 |
| 146 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR | 942 | LF | GENERIC FENCING ITEM |
| 464 | SY | ***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (12") | | | PEDESTRIAN SAFETY RAIL |
| 101 | EA | RIGHT-OF-WAY MARKERS | 65 | TON | RIP RAP, CLASS I |
| 164 | CY | SUBDRAIN EXCAVATION | 105 | TON | RIP RAP, CLASS B |
| 736 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS | 1,990 | SY | GEOTEXTILE FOR DRAINAGE |
| 124 | CY | SUBDRAIN COARSE AGGREGATE | 3 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (D) |
| 736 | LF | 6" PERFORATED SUBDRAIN PIPE | 523 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (E) |
| 2 | EA | SUBDRAIN PIPE OUTLET | 148 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (F) |
| 12 | LF | 6" OUTLET PIPE | 1,984 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| | | | 1 | EA | SIGN ERECTION, TYPE D |

| | | | | | |
|--------|----|--|--------|-----|---|
| 91 | EA | SIGN ERECTION, TYPE E | 42 | LF | BORE AND JACK OF *** (24") |
| 14 | EA | SIGN ERECTION, TYPE F | 10,010 | LF | TEMPORARY SILT FENCE |
| 14 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D) | 490 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 22 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E) | 910 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 4 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (F) | 2,180 | TON | SEDIMENT CONTROL STONE |
| 16 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | 14.5 | ACR | TEMPORARY MULCHING |
| 56 | EA | DISPOSAL OF SUPPORT, U-CHANNEL | 1,000 | LB | SEED FOR TEMPORARY SEEDING |
| 6 | EA | GENERIC SIGNING ITEM SIGN ERECTION RELOCATE ORNAMENTAL SIGN & POST | 6 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 1,413 | SF | WORK ZONE SIGNS (PORTABLE) | 525 | LF | TEMPORARY SLOPE DRAINS |
| 527 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) | 1,250 | LF | SAFETY FENCE |
| 140 | EA | DRUMS | 400 | CY | SILT EXCAVATION |
| 560 | LF | BARRICADES (TYPE III) | 18,925 | SY | MATTING FOR EROSION CONTROL |
| 200 | EA | SKINNY DRUM | 110 | SY | COIR FIBER MAT |
| 12,080 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | 750 | SY | PERMANENT SOIL REINFORCEMENT MAT |
| 1,530 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | 2,085 | LF | 1/4" HARDWARE CLOTH |
| 1,175 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | 80 | LF | *** TEMPORARY PIPE (24") |
| 156 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | 24 | LF | *** TEMPORARY PIPE (36") |
| 9,500 | LF | PAINT PAVEMENT MARKING LINES (4") | 25 | LF | TEMPORARY PIPE FOR STREAM CROSSING |
| 860 | LF | PAINT PAVEMENT MARKING LINES (8") | 6 | EA | SPECIAL STILLING BASINS |
| 480 | LF | PAINT PAVEMENT MARKING LINES (12") | 80 | LB | POLYACRYLAMIDE (PAM) |
| 216 | LF | PAINT PAVEMENT MARKING LINES (24") | 345 | LF | COIR FIBER BAFFLE |
| 1 | EA | PAINT PAVEMENT MARKING CHARACTER | 1 | EA | *** SKIMMER (1-1/2") |
| 23 | EA | PAINT PAVEMENT MARKING SYMBOL | 18 | ACR | SEEDING & MULCHING |
| 137 | LF | 2" WATER LINE | 12 | ACR | MOWING |
| 1,386 | LF | 6" WATER LINE | 200 | LB | SEED FOR REPAIR SEEDING |
| 2,561 | LF | 8" WATER LINE | 1.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 1,171 | LF | 12" WATER LINE | 375 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 18,816 | LB | DUCTILE IRON WATER PIPE FITTINGS | 10.75 | TON | FERTILIZER TOPDRESSING |
| 18 | EA | 6" VALVE | 8 | LF | IMPERVIOUS DIKE |
| 14 | EA | 8" VALVE | 20 | MHR | SPECIALIZED HAND MOWING |
| 6 | EA | 12" VALVE | 2 | MHR | MANUAL LITTER REMOVAL |
| 18 | EA | RELOCATE WATER METER | 1 | TON | LITTER DISPOSAL |
| 15 | EA | RECONNECT WATER METER | 50 | EA | RESPONSE FOR EROSION CONTROL |
| 9 | EA | FIRE HYDRANT | 9 | EA | CONCRETE WASHOUT STRUCTURE |
| 2 | EA | RELOCATE FIRE HYDRANT | 63 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE |
| 172 | LF | FIRE HYDRANT LEG | 63 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT |
| 5 | EA | 6" LINE STOP | 23 | EA | GENERIC EROSION CONTROL ITEM TEMPORARY TREE PROTECTION |
| 6 | EA | 8" LINE STOP | 8 | EA | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN) |
| 4 | EA | 12" LINE STOP | 3,855 | LF | SIGNAL CABLE |
| 2,039 | LF | 8" SANITARY GRAVITY SEWER | 25 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) |
| 199 | LF | 10" SANITARY GRAVITY SEWER | 2 | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION) |
| 2 | EA | SANITARY SEWER CLEAN-OUT | 1 | EA | VEHICLE SIGNAL HEAD (12", 5 SECTION) |
| 43 | LF | SEWER SERVICE LINE | 8 | EA | APS DETECTOR STATION |
| 25 | EA | 4' DIA UTILITY MANHOLE | 2 | EA | CENTRAL CONTROL UNIT APS DETECTOR STATION |
| 1,713 | LF | ABANDON *** UTILITY PIPE (2") | 718 | LF | MESSENGER CABLE (3/8") |
| 384 | LF | ABANDON 6" UTILITY PIPE | 110 | LF | UNPAVED TRENCHING (***** (2, 2") |
| 2,930 | LF | ABANDON 8" UTILITY PIPE | 220 | LF | DIRECTIONAL DRILL (***** (2, 2") |
| 1,014 | LF | ABANDON 12" UTILITY PIPE | 2 | EA | JUNCTION BOX (STANDARD SIZE) |
| 3 | EA | REMOVE FIRE HYDRANT | 4 | EA | JUNCTION BOX (OVER-SIZED, HEAVY DUTY) |
| 11 | EA | ABANDON UTILITY MANHOLE | 4 | EA | WOOD POLE |
| 1 | EA | REMOVE UTILITY MANHOLE | 10 | EA | GUY ASSEMBLY |
| 60 | LF | 12" ENCASEMENT PIPE | 710 | LF | LEAD-IN CABLE (***** (14-2) |
| 30 | LF | 16" ENCASEMENT PIPE | 3 | EA | SITE SURVEY |
| 460 | LF | 18" ENCASEMENT PIPE | 4 | EA | CAMERA WITH INTERNAL LOOP EMULATOR PROCESSING UNIT |
| 102 | LF | 24" ENCASEMENT PIPE | 4 | EA | METAL POLE WITH SINGLE MAST ARM |
| 60 | LF | BORE AND JACK OF *** (12") | 4 | EA | SOIL TEST |
| 295 | LF | BORE AND JACK OF *** (18") | 22 | CY | DRILLED PIER FOUNDATION |
| | | | 4 | EA | MAST ARM WITH METAL POLE DESIGN |
| | | | 22 | EA | SIGN FOR SIGNALS |

| | | |
|------------|----|---|
| 12 | EA | TYPE I POST WITH FOUNDATION |
| 6 | EA | TYPE II PEDESTAL WITH FOUNDATION |
| 3 | EA | SIGNAL CABINET FOUNDATION |
| 3 | EA | CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED) |
| 3 | EA | CABINET BASE EXTENDER |
| 4 | EA | GENERIC SIGNAL ITEM LUMINAIRE ARM FOR TEMPORARY VIDEO SYSTEM |
| 6 | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL |
| 4 | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE |
| 12 | EA | GENERIC SIGNAL ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY |
| 7 | EA | GENERIC SIGNAL ITEM RELOCATE TEMPORARY CAMERA SENSOR UNIT |
| WALL ITEMS | | |
| 2,814 | SF | MSE RETAINING WALL NO **** (1) |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219

007

CONTRACT ID : C204684 38332.3.1

DIV OFFICE SYLVA

LENGTH = 0.641 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 3.00% COMPLETION DATE : MAR 29, 2028

BRIDGES #155 AND 158 OVER RICHLAND CREEK ON US-23/74 AND BRIDGE #168 OVER US-19 AND US-23 ON US-23/74.

| ROADWAY ITEMS | | | | | |
|---------------|-----|---|--------|-----|---|
| Lump Sum | LS | MOBILIZATION | 264 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.500") |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 48 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500") |
| 2 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | 36 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500") |
| 1,250 | CY | UNDERCUT EXCAVATION | 264 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.500") |
| Lump Sum | LS | GRADING | 48 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500") |
| 85,000 | CY | BORROW EXCAVATION | 36 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500") |
| 4 | EA | EMBANKMENT SETTLEMENT GAUGES | 2,100 | LF | PIPE REMOVAL |
| 180 | CY | DRAINAGE DITCH EXCAVATION | 31,056 | SY | GENERIC GRADING ITEM GEOTEXTILE FOR SUBGRADE STABILIZATION |
| 180 | LF | BERM DITCH CONSTRUCTION | 5,583 | CY | SHALLOW UNDERCUT |
| 7 | HR | PROOF ROLLING | 20,611 | TON | CLASS IV SUBGRADE STABILIZATION |
| 1,000 | CY | SELECT GRANULAR MATERIAL | 50 | TON | STABILIZER AGGREGATE |
| 2,200 | SY | GEOTEXTILE FOR SOIL STABILIZATION | 2,820 | TON | AGGREGATE BASE COURSE |
| 21,500 | SF | TEMPORARY SHORING | 200 | TON | INCIDENTAL STONE BASE |
| 1,725 | SY | ROCK PLATING | 3,340 | SY | MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2") |
| Lump Sum | LS | GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 24+42.26 -L- RT | 1,410 | SY | INCIDENTAL MILLING |
| Lump Sum | LS | GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 24+70.00 -L- LT | 6,120 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| Lump Sum | LS | GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STATION 32+21.34 -L- LT | 6,230 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C |
| 2 | EA | GENERIC GRADING ITEM VW PIEZOMETER | 7,930 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 650 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 1,045 | TON | ASPHALT BINDER FOR PLANT MIX |
| 2,020 | SY | FOUNDATION CONDITIONING GEOTEXTILE | 60 | TON | POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX |
| 48 | LF | *** SIDE DRAIN PIPE (12") | 920 | TON | OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED |
| 24 | LF | *** SIDE DRAIN PIPE (24") | 100 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| 784 | LF | *** SIDE DRAIN PIPE (48") | 10,710 | LF | MILLED RUMBLE STRIPS (ASPHALT CONCRETE) |
| 16 | LF | 15" SIDE DRAIN PIPE | 361 | CY | SUBDRAIN EXCAVATION |
| 336 | LF | 18" SIDE DRAIN PIPE | 1,075 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS |
| 164 | LF | 24" SIDE DRAIN PIPE | 181 | CY | SUBDRAIN COARSE AGGREGATE |
| 3 | EA | *** SIDE DRAIN PIPE ELBOWS (12") | 1,075 | LF | 6" PERFORATED SUBDRAIN PIPE |
| 1 | EA | *** SIDE DRAIN PIPE ELBOWS (15") | 3 | EA | SUBDRAIN PIPE OUTLET |
| 2 | EA | *** SIDE DRAIN PIPE ELBOWS (18") | 18 | LF | 6" OUTLET PIPE |
| 2 | EA | *** SIDE DRAIN PIPE ELBOWS (24") | 21 | EA | TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE |
| 1 | EA | *** SIDE DRAIN PIPE ELBOWS (48") | 7 | CY | ENDWALLS |
| 1,640 | LF | 15" RC PIPE CULVERTS, CLASS IV | 2.55 | CY | PIPE COLLARS |
| 1,388 | LF | 18" RC PIPE CULVERTS, CLASS IV | 59 | CY | FLOWABLE FILL |
| 588 | LF | 24" RC PIPE CULVERTS, CLASS IV | 76 | EA | MASONRY DRAINAGE STRUCTURES |
| 780 | LF | 30" RC PIPE CULVERTS, CLASS IV | 109.1 | LF | MASONRY DRAINAGE STRUCTURES |
| 20 | LF | *** CS PIPE CULVERTS, ***** THICK (12", 0.064") | 19 | EA | FRAME WITH TWO GRATES, STD 840.20 |
| 132 | LF | 15" CS PIPE CULVERTS, 0.064" THICK | 25 | EA | FRAME WITH TWO GRATES, STD 840.22 |
| 180 | LF | 18" CS PIPE CULVERTS, 0.064" THICK | 1 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 44 | LF | 30" CS PIPE CULVERTS, 0.079" THICK | 1 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) |
| 2 | EA | *** CS PIPE ELBOWS, ***** THICK (12", 0.064") | 3 | EA | FRAME WITH COVER, STD 840.54 |
| 6 | EA | *** CS PIPE ELBOWS, ***** THICK (15", 0.064") | 26 | EA | STEEL FRAME WITH TWO GRATES, STD 840.37 |
| 10 | EA | *** CS PIPE ELBOWS, ***** THICK (18", 0.064") | 10 | EA | GENERIC DRAINAGE ITEM TEMPORARY PIPE TEE |
| 2 | EA | *** CS PIPE ELBOWS, ***** THICK (30", 0.079") | 250 | LF | 2'-6" CONCRETE CURB & GUTTER |

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| 3,720 | LF | SHOULDER BERM GUTTER | 8 | EA | WORK ZONE DIGITAL SPEED LIMIT SIGNS |
| 1,000 | LF | CONCRETE EXPRESSWAY GUTTER | 24 | EA | WORK ZONE PRESENCE LIGHTING |
| 640 | SY | 4" CONCRETE PAVED DITCH | 67 | EA | HIGH VISIBILITY DRUMS |
| 930 | LF | PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED | 48 | EA | SEQUENTIAL FLASHING WARNING LIGHTS |
| 280 | LF | GENERIC PAVING ITEM CONCRETE CAP FOR SINGLE FACED BARRIER FILL | 12 | LF | BARRICADES (TYPE III) |
| 1 | EA | IMPACT ATTENUATOR UNITS, TYPE TL-3 | 24 | LF | PEDESTRIAN CHANNELIZING DEVICES |
| 9,200 | LF | STEEL BEAM GUARDRAIL | 10 | EA | TEMPORARY CRASH CUSHIONS |
| 20 | EA | ADDITIONAL GUARDRAIL POSTS | 9 | EA | REMOVE & RESET TEMPORARY CRASH CUSHION |
| 6 | EA | GUARDRAIL END UNITS, TYPE CAT-1 | 2 | EA | TMA |
| 4 | EA | GUARDRAIL END UNITS, TYPE TL-3 | 2,720 | LF | PORTABLE CONCRETE BARRIER |
| 12 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 | 9,370 | LF | PORTABLE CONCRETE BARRIER (ANCHORED) |
| 8,300 | LF | REMOVE EXISTING GUARDRAIL | 4,490 | LF | REMOVE AND RESET PORTABLE CONCRETE BARRIER |
| 4 | EA | TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (THRIE-BEAM) | 9,240 | LF | REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED) |
| 1,980 | LF | WOVEN WIRE FENCE, 47" FABRIC | 1,000 | HR | LAW ENFORCEMENT |
| 110 | EA | 4" TIMBER FENCE POSTS, 7'-6" LONG | 300 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 70 | EA | 5" TIMBER FENCE POSTS, 8'-0" LONG | 18,374 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) |
| 1,150 | LF | CHAIN LINK FENCE, 48" FABRIC | 1,400 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) |
| 96 | EA | METAL LINE POSTS FOR 48" CHAIN LINK FENCE | 6,658 | LF | PAINT PAVEMENT MARKING LINES (12") |
| 9 | EA | METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE | 8 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 2,290 | TON | RIP RAP, CLASS I | 53,552 | LF | WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6" |
| 50 | TON | RIP RAP, CLASS II | 1,344 | LF | WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12" |
| 1,105 | TON | RIP RAP, CLASS B | 39,940 | LF | REMOVAL OF PAVEMENT MARKING LINES (6") |
| 5,365 | SY | GEOTEXTILE FOR DRAINAGE | 11,619 | LF | GENERIC PAVEMENT MARKING ITEM PAINT PAVEMENT MARKING LINES 12" (BLACK) |
| 615 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (A) | 172 | EA | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER |
| 43 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (B) | Lump Sum | LS | PORTABLE LIGHTING |
| 113 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (E) | 15,630 | LF | TEMPORARY SILT FENCE |
| 35 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (F) | 1,320 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 6 | CY | REINFORCED CONCRETE SIGN FOUNDATIONS | 3,155 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 1 | CY | PLAIN CONCRETE SIGN FOUNDATIONS | 2,560 | TON | SEDIMENT CONTROL STONE |
| 48 | CY | OVERHEAD FOOTING | 16.5 | ACR | TEMPORARY MULCHING |
| 452 | LB | SUPPORTS, BREAKAWAY STEEL BEAM | 800 | LB | SEED FOR TEMPORARY SEEDING |
| 5,416 | LB | SUPPORTS, SIMPLE STEEL BEAM | 6 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 270 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL | 870 | LF | TEMPORARY SLOPE DRAINS |
| Lump Sum | LS | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (40+60.00 -L- LT) | 760 | LF | SAFETY FENCE |
| 11 | EA | SIGN ERECTION, TYPE E | 7,700 | CY | SILT EXCAVATION |
| 2 | EA | SIGN ERECTION, TYPE F | 40,000 | SY | MATTING FOR EROSION CONTROL |
| 2 | EA | SIGN ERECTION, TYPE *** (OVERHEAD) (A) | 2,130 | SY | COIR FIBER MAT |
| 1 | EA | SIGN ERECTION, TYPE *** (OVERHEAD) (B) | 1,245 | LF | 1/4" HARDWARE CLOTH |
| 3 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) | 1,710 | SY | FLOATING TURBIDITY CURTAIN |
| 1 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) | 22 | EA | SPECIAL STILLING BASINS |
| 2 | EA | SIGN ERECTION, MILEMARKERS | 440 | LF | COIR FIBER WATTLE |
| 1 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A) | 1,050 | LB | POLYACRYLAMIDE (PAM) |
| 2 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D) | 675 | LF | COIR FIBER BAFFLE |
| 3 | EA | DISPOSAL OF SUPPORT, STEEL BEAM | 4 | EA | *** SKIMMER (1-1/2") |
| 1 | EA | DISPOSAL OF SIGN SYSTEM, OVERHEAD | 1 | EA | *** SKIMMER (2") |
| 3 | EA | DISPOSAL OF SIGN SYSTEM, STEEL BEAM | 15 | ACR | SEEDING & MULCHING |
| 15 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | 14 | ACR | MOWING |
| 1,457 | SF | HIGH VISIBILITY STATIONARY SIGNS | 200 | LB | SEED FOR REPAIR SEEDING |
| 400 | SF | HIGH VISIBILITY PORTABLE SIGNS | 0.5 | TON | FERTILIZER FOR REPAIR SEEDING |
| 60 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) | 325 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 4 | EA | FLASHING ARROW BOARD | 9.75 | TON | FERTILIZER TOPDRESSING |
| 4 | EA | PORTABLE CHANGEABLE MESSAGE SIGN | 20 | LF | IMPERVIOUS DIKE |
| 50 | DAY | PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) | 35 | MHR | SPECIALIZED HAND MOWING |
| | | | 8 | MHR | MANUAL LITTER REMOVAL |
| | | | 2 | TON | LITTER DISPOSAL |
| | | | 100 | EA | RESPONSE FOR EROSION CONTROL |
| | | | 6 | EA | CONCRETE WASHOUT STRUCTURE |
| | | | 0.13 | ACR | STREAMBANK REFORESTATION |
| | | | 50 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE |

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|-----------------|----|--|----------|-----|--|
| 150 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT | Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+42.26 -L- RT) |
| 850 | LF | TRACER WIRE | Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+70.00 -L- LT) |
| 375 | LF | UNPAVED TRENCHING (*****) (1, 2") | Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+21.34 -L- LT) |
| 350 | LF | UNPAVED TRENCHING (*****) (1, 4") | Lump Sum | LS | ASBESTOS ASSESSMENT |
| 100 | LF | UNPAVED TRENCHING (*****) (2, 2") | 112.2 | LF | ***_***" DIA DRILLED PIERS IN SOIL (4'-6") |
| 350 | LF | UNPAVED TRENCHING (*****) (4, 1-1/4") | 67.8 | LF | ***_***" DIA DRILLED PIERS NOT IN SOIL (4'-6") |
| 200 | LF | DIRECTIONAL DRILL (*****) (1, 2") | 97.8 | LF | PERMANENT STEEL CASING FOR ***_***" DIA DRILLED PIER (4'-6") |
| 400 | LF | DIRECTIONAL DRILL (*****) (2, 2") | 6 | EA | PDA TESTING |
| 3 | EA | JUNCTION BOX (*****) (SPECIAL OVERSIZED) | 6 | EA | SID INSPECTIONS |
| 8 | EA | JUNCTION BOX (STANDARD SIZE) | 6 | EA | CSL TESTING |
| 4 | EA | JUNCTION BOX (OVER-SIZED, HEAVY DUTY) | Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+42.26 -L- RT) |
| 3 | EA | WOOD POLE | Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+70.00 -L- LT) |
| 1 | EA | 2" RISER WITH HEAT SHRINK TUBING | Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (32+21.34 -L- LT) |
| 1,225 | LF | DROP CABLE | 26,971 | SF | REINFORCED CONCRETE DECK SLAB |
| 3 | EA | SPLICE ENCLOSURE | 28,644 | SF | GROOVING BRIDGE FLOORS |
| 5 | EA | INTERCONNECT CENTER | 661.9 | CY | CLASS A CONCRETE (BRIDGE) |
| 4 | EA | DELINEATOR MARKER | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (24+42.26 -L- RT) |
| 1 | EA | FURNISH FIBER-OPTIC RESTORATION KIT | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (24+70.00 -L- LT) |
| 2 | EA | SOIL TEST | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (32+21.34 -L- LT) |
| 16 | CY | DRILLED PIER FOUNDATION | 105,280 | LB | REINFORCING STEEL (BRIDGE) |
| 2 | EA | RELOCATE EXISTING SIGN | 7,070 | LB | SPIRAL COLUMN REINFORCING STEEL (BRIDGE) |
| 18 | EA | GENERIC SIGNAL ITEM 5/8" x 10' GROUNDING ELECTRODE | 102 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73) |
| 4 | EA | GENERIC SIGNAL ITEM CCTV CAMERA LOWERING SYSTEM | 4,555 | LF | HP 14 X 73 STEEL PILES |
| 2 | EA | GENERIC SIGNAL ITEM CCTV METAL POLE | 102 | EA | STEEL PILE POINTS |
| 4 | EA | GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY | 33 | EA | PILE REDRIVES |
| 1 | EA | GENERIC SIGNAL ITEM DMS ACCESS LADDER | 1,573.55 | LF | CONCRETE BARRIER RAIL |
| 1 | EA | GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE | 165.5 | SY | 4" SLOPE PROTECTION |
| 1 | EA | GENERIC SIGNAL ITEM DYNAMIC MESSAGE SIGN TYPE 2C | 1,410 | TON | RIP RAP CLASS II (2'-0" THICK) |
| 3 | EA | GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT | 1,565 | SY | GEOTEXTILE FOR DRAINAGE |
| 6 | EA | GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH | Lump Sum | LS | ELASTOMERIC BEARINGS |
| 5 | EA | GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET | Lump Sum | LS | EXPANSION JOINT SEALS |
| 3 | EA | GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL | Lump Sum | LS | ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (24+70.00 -L- LT) |
| 4 | EA | GENERIC SIGNAL ITEM VARIABLE SPEED DRILL | Lump Sum | LS | GENERIC STRUCTURE ITEM TEMPORARY OVERBUILD AND REMOVAL |
| 600 | LF | GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR | 2,070.5 | LF | GENERIC STRUCTURE ITEM 54" FIB PRESTRESSED CONCRETE GIRDERS |
| 550 | LF | GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS | 1,632.6 | LF | GENERIC STRUCTURE ITEM 63" FIB PRESTRESSED CONCRETE GIRDER |
| 50 | LF | GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCTORS | 9,230 | LF | GENERIC STRUCTURE ITEM GLASS FIBER REINFORCED POLYMER (GFRP) BAR |
| WALL ITEMS | | | | | |
| 1,011 | LF | CONCRETE BARRIER RAIL WITH MOMENT SLAB | | | |
| 2,535 | SF | MSE RETAINING WALL NO **** (W4) | | | |
| 16,980 | SF | MSE RETAINING WALL NO **** (W5) | | | |
| 5,350 | SF | MSE RETAINING WALL NO **** (W7) | | | |
| 11,625 | SF | SOIL NAIL RETAINING WALLS | | | |
| 6 | EA | SOIL NAIL VERIFICATION TESTS | | | |
| 36 | EA | SOIL NAIL PROOF TESTS | | | |
| STRUCTURE ITEMS | | | | | |
| Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (23+84.15 -DET01- EB) | | | |
| Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+42.26 -L- RT) | | | |
| Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+70.00 -L- LT) | | | |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L231219

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CONTRACT ID : C204887 47427.3.1

DIV OFFICE SYLVA

LENGTH = 3.773 MI

COUNTY : CHEROKEE

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

DBE GOAL 5.00% COMPLETION DATE : JUN 01, 2029

US-19/129 FROM GEORGIA STATE LINE TO US-64.

| ROADWAY ITEMS | | | | | |
|---------------|-----|--|----------|-----|---|
| Lump Sum | LS | MOBILIZATION | 108 | LF | 18" RC PIPE CULVERTS, CLASS IV |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 64 | LF | 30" RC PIPE CULVERTS, CLASS IV |
| Lump Sum | LS | FIELD OFFICE | 700 | LF | 36" RC PIPE CULVERTS, CLASS IV |
| Lump Sum | LS | CLEARING & GRUBBING .. ACRE(S) | 16 | EA | *** PIPE END SECTION (15") |
| 3 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | 2 | EA | *** PIPE END SECTION (18") |
| 6 | EA | SEALING ABANDONED WELLS | 3 | EA | *** PIPE END SECTION (24") |
| 1,197,000 | CY | UNCLASSIFIED EXCAVATION | 84 | LF | *** CS PIPE CULVERTS, ***** THICK (54", 0.109") |
| 11,530 | CY | UNDERCUT EXCAVATION | 36 | LF | *** CS PIPE CULVERTS, ***** THICK (60", 0.138") |
| 15,980 | CY | DRAINAGE DITCH EXCAVATION | 68 | LF | *** CS PIPE CULVERTS, ***** THICK (66", 0.138") |
| 2,600 | LF | BERM DITCH CONSTRUCTION | 2 | EA | *** CS PIPE ELBOWS, ***** THICK (54", 0.109") |
| 72,520 | SY | REMOVAL OF EXISTING ASPHALT PAVEMENT | 2 | EA | *** CS PIPE ELBOWS, ***** THICK (60", 0.138") |
| 11,000 | SY | BREAKING OF EXISTING ASPHALT PAVEMENT | 2 | EA | *** CS PIPE ELBOWS, ***** THICK (66", 0.138") |
| 4,000 | CY | SELECT GRANULAR MATERIAL, CLASS III | 70 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500") |
| 10,112 | SY | GEOTEXTILE FOR SOIL STABILIZATION | 40 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625") |
| 30,394 | SF | TEMPORARY SHORING | 200 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (66", 1.000") |
| 125 | SY | ROCK PLATING | 116 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (72", 1.000") |
| 1,500 | SY | REINFORCED SOIL SLOPES | 70 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500") |
| 250 | CY | GENERIC GRADING ITEM COMPOST BLANKET | 40 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625") |
| 1,500 | SY | GENERIC GRADING ITEM GEOCELLS | 200 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (66", 1.000") |
| 50 | TON | GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL | 116 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (72", 1.000") |
| 2,170 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 6,251 | LF | PIPE REMOVAL |
| 6,800 | SY | FOUNDATION CONDITIONING GEOTEXTILE | Lump Sum | LS | FINE GRADING |
| 4,068 | LF | 15" DRAINAGE PIPE | 20 | TON | #57 STONE |
| 1,960 | LF | 18" DRAINAGE PIPE | 1,000 | CY | SHALLOW UNDERCUT |
| 1,628 | LF | 24" DRAINAGE PIPE | 2,000 | TON | CLASS IV SUBGRADE STABILIZATION |
| 456 | LF | 30" DRAINAGE PIPE | 16,920 | TON | AGGREGATE BASE COURSE |
| 228 | LF | 36" DRAINAGE PIPE | 8,000 | TON | INCIDENTAL STONE BASE |
| 88 | LF | 48" DRAINAGE PIPE | 1,400 | CY | SHOULDER BORROW |
| 24 | EA | *** DRAINAGE PIPE ELBOWS (15") | 13,910 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (3") |
| 14 | EA | *** DRAINAGE PIPE ELBOWS (18") | 1,510 | SY | MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2") |
| 22 | EA | *** DRAINAGE PIPE ELBOWS (24") | 3,000 | SY | INCIDENTAL MILLING |
| 8 | EA | *** DRAINAGE PIPE ELBOWS (30") | 34,910 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| 4 | EA | *** DRAINAGE PIPE ELBOWS (36") | 22,450 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C |
| 2,908 | LF | 15" RC PIPE CULVERTS, CLASS III | 31,850 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 2,220 | LF | 18" RC PIPE CULVERTS, CLASS III | 4,530 | TON | ASPHALT BINDER FOR PLANT MIX |
| 1,872 | LF | 24" RC PIPE CULVERTS, CLASS III | 1,130 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| 624 | LF | 30" RC PIPE CULVERTS, CLASS III | 2,739.5 | CY | SUBDRAIN EXCAVATION |
| 276 | LF | 36" RC PIPE CULVERTS, CLASS III | 6,820 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS |
| 532 | LF | 42" RC PIPE CULVERTS, CLASS III | 336 | CY | SUBDRAIN FINE AGGREGATE |
| 776 | LF | 48" RC PIPE CULVERTS, CLASS III | 1,145.8 | CY | SUBDRAIN COARSE AGGREGATE |
| 184 | LF | 54" RC PIPE CULVERTS, CLASS III | 8,820 | LF | 6" PERFORATED SUBDRAIN PIPE |
| 272 | LF | 60" RC PIPE CULVERTS, CLASS III | | | |
| 504 | LF | 66" RC PIPE CULVERTS, CLASS III | | | |
| 208 | LF | 72" RC PIPE CULVERTS, CLASS III | | | |
| 60 | LF | ***** RC PIPE CULVERTS, CLASS IV (48") | | | |
| 56 | LF | ***** RC PIPE CULVERTS, CLASS IV (66") | | | |
| 408 | LF | 15" RC PIPE CULVERTS, CLASS IV | | | |

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|---------|-----|--|---------|-----|---|
| 17 | EA | SUBDRAIN PIPE OUTLET | 110 | TON | RIP RAP, CLASS II |
| 102 | LF | 6" OUTLET PIPE | 9,650 | TON | RIP RAP, CLASS B |
| 28 | CY | ENDWALLS | 27,295 | SY | GEOTEXTILE FOR DRAINAGE |
| 50 | CY | REINFORCED ENDWALLS | 1,975 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| 8.2 | CY | PIPE COLLARS | 5 | EA | SIGN ERECTION, TYPE D |
| 734.1 | CY | FLOWABLE FILL | 111 | EA | SIGN ERECTION, TYPE E |
| 150 | EA | MASONRY DRAINAGE STRUCTURES | 9 | EA | SIGN ERECTION, TYPE F |
| 110 | CY | MASONRY DRAINAGE STRUCTURES | 1 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D) |
| 222.4 | LF | MASONRY DRAINAGE STRUCTURES | 2 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E) |
| 5 | EA | FRAME WITH TWO GRATES, STD 840.16 | 70 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 68 | EA | FRAME WITH TWO GRATES, STD 840.24 | 3 | EA | DISPOSAL OF SUPPORT, U-CHANNEL |
| 25 | EA | FRAME WITH TWO GRATES, STD 840.29 | 2 | EA | GENERIC SIGNING ITEM DISPOSAL OF FLASHER SYSTEM |
| 1 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) | 8 | EA | GENERIC SIGNING ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY |
| 7 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) | 2,767 | SF | WORK ZONE SIGNS (STATIONARY) |
| 3 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) | 256 | SF | WORK ZONE SIGNS (PORTABLE) |
| 31 | EA | FRAME WITH COVER, STD 840.54 | 613 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 5 | EA | CONCRETE TRANSITIONAL SECTION FOR DROP INLET | 2 | EA | FLASHING ARROW BOARD |
| 8 | EA | GENERIC DRAINAGE ITEM BICYCLE SAFE STEEL FRAME AND GRATE | 2 | EA | PORTABLE CHANGEABLE MESSAGE SIGN |
| 1,220 | LF | *** X *** CONCRETE CURB (8" X 12") | 760 | EA | DRUMS |
| 2,550 | LF | 2'-6" CONCRETE CURB & GUTTER | 50 | EA | CONES |
| 5,360 | LF | SHOULDER BERM GUTTER | 792 | LF | BARRICADES (TYPE III) |
| 405 | LF | CONCRETE EXPRESSWAY GUTTER | 720 | DAY | FLAGGER |
| 90 | LF | CONCRETE VALLEY GUTTER | 4 | EA | TEMPORARY CRASH CUSHIONS |
| 300 | SY | 6" CONCRETE DRIVEWAY | 6 | EA | REMOVE & RESET TEMPORARY CRASH CUSHION |
| 200 | SY | 4" CONCRETE PAVED DITCH | 2 | EA | TMA |
| 300 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) | 4,350 | LF | PORTABLE CONCRETE BARRIER |
| 3,102 | LF | CONCRETE BARRIER, TYPE ***** (IV) | 250 | LF | PORTABLE CONCRETE BARRIER (ANCHORED) |
| 1 | EA | ADJUSTMENT OF CATCH BASINS | 4,550 | LF | REMOVE AND RESET PORTABLE CONCRETE BARRIER |
| 3 | EA | ADJUSTMENT OF DROP INLETS | 160 | HR | LAW ENFORCEMENT |
| 1 | EA | ADJUSTMENT OF MANHOLES | 1,000 | EA | SKINNY DRUM |
| 1 | EA | CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE | 905 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 1 | EA | GENERIC DRAINAGE ITEM CONVERT JB TO OPEN THROAT CATCH BASIN | 15,386 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 10,875 | LF | STEEL BEAM GUARDRAIL | 100,172 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) |
| 525 | LF | STEEL BEAM GUARDRAIL, SHOP CURVED | 1,576 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) |
| 6 | EA | STEEL BEAM GUARDRAIL TERMINAL SECTIONS | 562 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) |
| 10 | EA | ADDITIONAL GUARDRAIL POSTS | 105 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 3 | EA | GUARDRAIL END UNITS, TYPE AT-1 | 19,066 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 50 | EA | GUARDRAIL END UNITS, TYPE TL-3 | 366,209 | LF | PAINT PAVEMENT MARKING LINES (6") |
| 1 | EA | GUARDRAIL END UNITS, TYPE TL-2 | 1,928 | LF | PAINT PAVEMENT MARKING LINES (12") |
| 875 | LF | REMOVE & RESET EXISTING GUARDRAIL | 860 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 12,611 | LF | REMOVE EXISTING GUARDRAIL | 72 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 6,262.5 | LF | TEMPORARY STEEL BEAM GUARDRAIL | 170 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| 75 | LF | TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED) | 95,950 | LF | REMOVAL OF PAVEMENT MARKING LINES (6") |
| 2 | EA | TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77) | 18 | LF | REMOVAL OF PAVEMENT MARKING LINES (8") |
| 24 | EA | TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3) | 96 | LF | REMOVAL OF PAVEMENT MARKING LINES (12") |
| 1 | EA | GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE AT-1 | 165 | LF | REMOVAL OF PAVEMENT MARKING LINES (24") |
| 1 | EA | GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE CAT-1 | 5 | EA | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS |
| 1,430 | LF | VINYL COATED CHAIN LINK FENCE, *** FABRIC (60") | 692 | EA | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER |
| 120 | EA | METAL LINE POSTS FOR *** CHAIN LINK FENCE (60") | 4 | EA | FLEXIBLE DELINEATORS (CRYSTAL) |
| 14 | EA | METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60") | 25 | LF | 6" WATER LINE |
| 3,115 | TON | RIP RAP, CLASS I | 1,444 | LF | 10" WATER LINE |
| | | | 105 | LF | 12" WATER LINE |
| | | | 4,880 | LB | DUCTILE IRON WATER PIPE FITTINGS |
| | | | 4 | EA | 6" VALVE |
| | | | 3 | EA | 10" VALVE |

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|---------|-----|---|---------------|-----|--|
| 2 | EA | 10" TAPPING SLEEVE & VALVE | 1,150 | LF | MESSENGER CABLE (3/8") |
| 3 | EA | RELOCATE WATER METER | 750 | LF | UNPAVED TRENCHING (*****) (1, 2") |
| 3 | EA | FIRE HYDRANT | 250 | LF | DIRECTIONAL DRILL (*****) (1, 2") |
| 39 | LF | FIRE HYDRANT LEG | 7 | EA | JUNCTION BOX (STANDARD SIZE) |
| 30 | LF | WATER SERVICE LINE | 2 | EA | JUNCTION BOX (OVER-SIZED, HEAVY DUTY) |
| 1,558 | LF | 8" SANITARY GRAVITY SEWER | 2 | EA | WOOD POLE |
| 603 | LF | *** FORCE MAIN SEWER (3) | 6 | EA | GUY ASSEMBLY |
| 4 | EA | SANITARY SEWER CLEAN-OUT | 1 | EA | 1" RISER WITH WEATHERHEAD |
| 182 | LF | SEWER SERVICE LINE | 3 | EA | 2" RISER WITH WEATHERHEAD |
| 2,100 | LB | DUCTILE IRON SEWER PIPE FITTINGS | 800 | LF | INDUCTIVE LOOP SAWCUT |
| 13 | EA | 4' DIA UTILITY MANHOLE | 6,300 | LF | LEAD-IN CABLE (*****) (14-2) |
| 59 | LF | UTILITY MANHOLE WALL 4' DIA | 1 | EA | SITE SURVEY |
| 3 | EA | REMOVE FIRE HYDRANT | 3 | EA | CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT |
| 7 | EA | ABANDON UTILITY MANHOLE | 1 | EA | EXTERNAL LOOP EMULATOR PROCESSING UNIT |
| 234 | LF | 16" ENCASEMENT PIPE | 4 | EA | METAL STRAIN SIGNAL POLE |
| 79 | LF | 20" ENCASEMENT PIPE | 4 | EA | SOIL TEST |
| 123,575 | LF | TEMPORARY SILT FENCE | 32 | CY | DRILLED PIER FOUNDATION |
| 5,900 | TON | STONE FOR EROSION CONTROL, CLASS A | 2 | EA | SIGN FOR SIGNALS |
| 22,080 | TON | STONE FOR EROSION CONTROL, CLASS B | 1 | EA | SIGNAL CABINET FOUNDATION |
| 11,885 | TON | SEDIMENT CONTROL STONE | 1 | EA | CONTROLLERS WITH CABINET (*****) (2070LX BASE MTD) |
| 224.5 | ACR | TEMPORARY MULCHING | 7 | EA | DETECTOR CARD (TYPE 170) |
| 8,600 | LB | SEED FOR TEMPORARY SEEDING | 1 | EA | CABINET BASE EXTENDER |
| 43.5 | TON | FERTILIZER FOR TEMPORARY SEEDING | 1 | EA | GENERIC SIGNAL ITEM LUMINAIRE ARM FOR TEMPORARY VIDEO SYSTEM |
| 8,865 | LF | TEMPORARY SLOPE DRAINS | CULVERT ITEMS | | |
| 5,000 | LF | SAFETY FENCE | Lump Sum | LS | CULVERT EXCAVATION, STA ***** (127+65.00 -L-) |
| 73,530 | CY | SILT EXCAVATION | Lump Sum | LS | CULVERT EXCAVATION, STA ***** (71+92.10 -L-) |
| 500,335 | SY | MATTING FOR EROSION CONTROL | 753 | TON | FOUNDATION CONDITIONING MATERIAL, BOX CULVERT |
| 4,155 | SY | COIR FIBER MAT | 356.5 | CY | CLASS A CONCRETE (CULVERT) |
| 17,585 | SY | PERMANENT SOIL REINFORCEMENT MAT | 63,271 | LB | REINFORCING STEEL (CULVERT) |
| 12,230 | LF | 1/4" HARDWARE CLOTH | WALL ITEMS | | |
| 85 | LF | *** TEMPORARY PIPE (24") | 3,130 | SF | SOIL NAIL RETAINING WALLS |
| 210 | LF | *** TEMPORARY PIPE (36") | 2 | EA | SOIL NAIL VERIFICATION TESTS |
| 40 | LF | *** TEMPORARY PIPE (66") | 6 | EA | SOIL NAIL PROOF TESTS |
| 278 | CY | STILLING BASINS | | | |
| 10 | EA | SPECIAL STILLING BASINS | | | |
| 6,400 | LF | COIR FIBER WATTLE | | | |
| 16,772 | LF | WATTLE BARRIER | | | |
| 10,945 | LB | POLYACRYLAMIDE (PAM) | | | |
| 10,000 | LF | COIR FIBER BAFFLE | | | |
| 6 | EA | *** SKIMMER (1-1/2") | | | |
| 5 | EA | *** SKIMMER (2") | | | |
| 2 | EA | *** SKIMMER (2-1/2") | | | |
| 147 | ACR | SEEDING & MULCHING | | | |
| 171 | ACR | MOWING | | | |
| 2,250 | LB | SEED FOR REPAIR SEEDING | | | |
| 7.25 | TON | FERTILIZER FOR REPAIR SEEDING | | | |
| 3,600 | LB | SEED FOR SUPPLEMENTAL SEEDING | | | |
| 107.75 | TON | FERTILIZER TOPDRESSING | | | |
| 1,228 | LF | IMPERVIOUS DIKE | | | |
| 200 | MHR | SPECIALIZED HAND MOWING | | | |
| 95 | MHR | MANUAL LITTER REMOVAL | | | |
| 7 | TON | LITTER DISPOSAL | | | |
| 150 | EA | RESPONSE FOR EROSION CONTROL | | | |
| 20 | EA | CONCRETE WASHOUT STRUCTURE | | | |
| 410 | CY | CULVERT DIVERSION CHANNEL | | | |
| 10 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE | | | |
| 30 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT | | | |
| 3,175 | LF | SIGNAL CABLE | | | |
| 15 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) | | | |
| 3 | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION) | | | |
| 18 | EA | BACKPLATE | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L231219

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CONTRACT ID : C204823 50230.3.1

DIV OFFICE SYLVA

LENGTH = 1.193 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 5.00% COMPLETION DATE : FEB 11, 2028

US-276 (RUSS AVE) FROM US-23/74 TO US-23 BUS (MAIN ST) IN WAYNESVILLE.

| ROADWAY ITEMS | | | | | |
|---------------|-----|---|--------|----|--|
| Lump Sum | LS | MOBILIZATION | 147 | LF | MASONRY DRAINAGE STRUCTURES |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 18 | EA | FRAME WITH TWO GRATES, STD 840.16 |
| Lump Sum | LS | FIELD OFFICE | 7 | EA | FRAME WITH TWO GRATES, STD 840.24 |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | 1 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 2 | EA | SEALING ABANDONED WELLS | 13 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| 850 | CY | UNDERCUT EXCAVATION | 46 | EA | (E) |
| Lump Sum | LS | GRADING | 45 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| 200 | CY | SELECT GRANULAR MATERIAL | 33 | EA | (F) |
| 600 | SY | GEOTEXTILE FOR SOIL STABILIZATION | 45 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** |
| 2,824 | SF | TEMPORARY SHORING | 33 | EA | (G) |
| 2,750 | SY | ROCK PLATING | 1 | EA | FRAME WITH COVER, STD 840.54 |
| Lump Sum | LS | GENERIC GRADING ITEM | 11 | EA | CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN |
| Lump Sum | LS | TYPE 1 BRIDGE APPROACH FILL, STATION 24+64.13 -L- | 11 | EA | CONCRETE TRANSITIONAL SECTION FOR DROP INLET |
| Lump Sum | LS | GENERIC GRADING ITEM | 1,160 | LF | 1'-6" CONCRETE CURB & GUTTER |
| Lump Sum | LS | TYPE 1 BRIDGE APPROACH FILL, STATION 31+45.00 -L- | 13,760 | LF | 2'-6" CONCRETE CURB & GUTTER |
| 50 | TON | GENERIC GRADING ITEM | 390 | LF | CONCRETE VALLEY GUTTER |
| | | HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL | 5,700 | SY | 4" CONCRETE SIDEWALK |
| 1,587 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 90 | EA | CONCRETE CURB RAMPS |
| 8,789 | SY | FOUNDATION CONDITIONING GEOTEXTILE | 980 | SY | 6" CONCRETE DRIVEWAY |
| 352 | LF | 15" SIDE DRAIN PIPE | 170 | SY | 4" CONCRETE PAVED DITCH |
| 28 | LF | 24" SIDE DRAIN PIPE | 3,300 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) |
| 4,485 | LF | 15" RC PIPE CULVERTS, CLASS IV | 240 | LF | PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED |
| 1,128 | LF | 18" RC PIPE CULVERTS, CLASS IV | 1,170 | SF | GENERIC PAVING ITEM |
| 1,832 | LF | 24" RC PIPE CULVERTS, CLASS IV | | | BRICK SIDEWALK |
| 48 | LF | 30" RC PIPE CULVERTS, CLASS IV | 570 | LF | GENERIC PAVING ITEM |
| 224 | LF | 36" RC PIPE CULVERTS, CLASS IV | | | GRANITE CURB |
| 1,764 | LF | PIPE REMOVAL | 3 | EA | ADJUSTMENT OF CATCH BASINS |
| 1,250 | SY | GENERIC GRADING ITEM | 2 | EA | ADJUSTMENT OF DROP INLETS |
| | | GEOTEXTILE FOR SUBGRADE STABILIZATION | 2 | EA | ADJUSTMENT OF MANHOLES |
| 350 | CY | SHALLOW UNDERCUT | 4 | EA | CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE |
| 700 | TON | CLASS IV SUBGRADE STABILIZATION | 3 | EA | CONVERT EXISTING DROP INLET TO JUNCTION BOX |
| 1,250 | TON | AGGREGATE BASE COURSE | 2 | EA | IMPACT ATTENUATOR UNITS, TYPE TL-3 |
| 1,000 | TON | INCIDENTAL STONE BASE | 1,700 | LF | STEEL BEAM GUARDRAIL |
| 1,250 | GAL | PRIME COAT | 155 | LF | STEEL BEAM GUARDRAIL, SHOP CURVED |
| 8,000 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2") | 10 | EA | ADDITIONAL GUARDRAIL POSTS |
| 11,000 | SY | INCIDENTAL MILLING | 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED) |
| 8,700 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | 1 | EA | GUARDRAIL END UNITS, TYPE AT-1 |
| 8,500 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C | 2 | EA | GUARDRAIL END UNITS, TYPE CAT-1 |
| 11,000 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 1,515 | TON | ASPHALT BINDER FOR PLANT MIX | 11 | EA | GUARDRAIL END UNITS, TYPE TL-2 |
| 1,700 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR | 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 |
| 79.7 | CY | SUBDRAIN EXCAVATION | 1,400 | LF | REMOVE EXISTING GUARDRAIL |
| 356 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS | 410 | LF | CHAIN LINK FENCE, *** FABRIC (72") |
| 59.8 | CY | SUBDRAIN COARSE AGGREGATE | 42 | EA | METAL LINE POSTS FOR *** CHAIN LINK FENCE (72") |
| 350 | LF | 6" PERFORATED SUBDRAIN PIPE | 52 | EA | METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72") |
| 1 | EA | SUBDRAIN PIPE OUTLET | 4 | EA | METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (72") |
| 6 | LF | 6" OUTLET PIPE | 2 | EA | SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (72"-8") |
| 7 | EA | TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE | 80 | LF | BARBED WIRE FENCE RESET |
| 5.38 | CY | PIPE COLLARS | | | |
| 71 | CY | FLOWABLE FILL | | | |
| 153 | EA | MASONRY DRAINAGE STRUCTURES | | | |

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| 1,180 | LF | GENERIC FENCING ITEM | 1,747 | LF | 6" WATER LINE |
| 140 | TON | PEDESTRIAN SAFETY RAIL | 8 | LF | 8" WATER LINE |
| 5 | TON | RIP RAP, CLASS B | 3,576 | LF | 10" WATER LINE |
| 9,465 | SY | GEOTEXTILE FOR DRAINAGE | 2,750 | LF | 12" WATER LINE |
| 1,593 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL | 491 | LF | 16" WATER LINE |
| 12 | EA | SIGN ERECTION, TYPE D | 30,660 | LB | DUCTILE IRON WATER PIPE FITTINGS |
| 83 | EA | SIGN ERECTION, TYPE E | 3 | EA | 2" VALVE |
| 14 | EA | SIGN ERECTION, TYPE F | 2 | EA | 4" VALVE |
| 85 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | 15 | EA | 6" VALVE |
| 308 | SF | WORK ZONE SIGNS (STATIONARY) | 1 | EA | 8" VALVE |
| 1,252 | SF | WORK ZONE SIGNS (PORTABLE) | 7 | EA | 10" VALVE |
| 613 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) | 18 | EA | 12" VALVE |
| 2 | EA | FLASHING ARROW BOARD | 38 | EA | RELOCATE WATER METER |
| 2 | EA | PORTABLE CHANGEABLE MESSAGE SIGN | 19 | EA | RECONNECT WATER METER |
| 500 | EA | DRUMS | 2 | EA | RELOCATE *** RPZ BACKFLOW PREVENTION ASSEMBLY (1") |
| 336 | LF | BARRICADES (TYPE III) | 2 | EA | RELOCATE 2" RPZ BACKFLOW PREVENTION ASSEMBLY |
| 50 | LF | PEDESTRIAN CHANNELIZING DEVICES | 5 | EA | RELOCATE FIRE HYDRANT |
| 45 | DAY | FLAGGER | 36 | LF | FIRE HYDRANT LEG |
| 4 | EA | TEMPORARY CRASH CUSHIONS | 124 | LF | *** WATER SERVICE LINE (2") |
| 4 | EA | REMOVE & RESET TEMPORARY CRASH CUSHION | 1,127 | LF | WATER SERVICE LINE |
| 4 | EA | TMA | 86 | LF | *** SANITARY GRAVITY SEWER (14") |
| 650 | LF | PORTABLE CONCRETE BARRIER | 60 | LF | 4" SANITARY GRAVITY SEWER |
| 750 | LF | PORTABLE CONCRETE BARRIER (ANCHORED) | 1,707 | LF | 8" SANITARY GRAVITY SEWER |
| 650 | LF | REMOVE AND RESET PORTABLE CONCRETE BARRIER | 713 | LF | 10" SANITARY GRAVITY SEWER |
| 750 | LF | REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED) | 241 | LF | 12" SANITARY GRAVITY SEWER |
| 80 | HR | LAW ENFORCEMENT | 227 | LF | 18" SANITARY GRAVITY SEWER |
| 100 | EA | SKINNY DRUM | 280 | LF | 30" SANITARY GRAVITY SEWER |
| 15 | EA | GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES | 14 | EA | SANITARY SEWER CLEAN-OUT |
| 1,000 | EA | GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP) | 530 | LF | SEWER SERVICE LINE |
| 200 | EA | TEMPORARY RAISED PAVEMENT MARKERS | 30 | EA | 4' DIA UTILITY MANHOLE |
| 14,890 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | 8 | EA | 5' DIA UTILITY MANHOLE |
| 3,200 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) | 2 | EA | 6' DIA UTILITY MANHOLE |
| 1,270 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | 212 | LF | UTILITY MANHOLE WALL 4' DIA |
| 1,185 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | 50 | LF | UTILITY MANHOLE WALL 5' DIA |
| 155 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | 9 | LF | UTILITY MANHOLE WALL 6' DIA |
| 26 | EA | HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS) | 333 | LF | ABANDON *** UTILITY PIPE (4") |
| 1 | EA | HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | 2,368 | LF | ABANDON 6" UTILITY PIPE |
| 300 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III) | 1,823 | LF | ABANDON 8" UTILITY PIPE |
| 620 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (III) | 4,076 | LF | ABANDON 10" UTILITY PIPE |
| 16 | EA | COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III) | 2,500 | LF | ABANDON 12" UTILITY PIPE |
| 55,826 | LF | PAINT PAVEMENT MARKING LINES (4") | 210 | LF | ABANDON 18" UTILITY PIPE |
| 1,475 | LF | PAINT PAVEMENT MARKING LINES (8") | 170 | LF | ABANDON 30" UTILITY PIPE |
| 400 | LF | PAINT PAVEMENT MARKING LINES (12") | 19 | EA | ABANDON UTILITY MANHOLE |
| 3,850 | LF | PAINT PAVEMENT MARKING LINES (24") | 80 | LF | *** ENCASEMENT PIPE (48") |
| 10 | EA | PAINT PAVEMENT MARKING CHARACTER | 226 | LF | 12" ENCASEMENT PIPE |
| 217 | EA | PAINT PAVEMENT MARKING SYMBOL | 204 | LF | 24" ENCASEMENT PIPE |
| 37,375 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") | 226 | LF | BORE AND JACK OF *** (12") |
| 500 | LF | REMOVAL OF PAVEMENT MARKING LINES (24") | 204 | LF | BORE AND JACK OF *** (24") |
| 70 | EA | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS | 80 | LF | BORE AND JACK OF *** (48") |
| 530 | EA | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER | 491 | LF | DIRECTIONAL DRILLING OF *** (16") |
| Lump Sum | LS | PORTABLE LIGHTING | 2 | EA | GENERIC UTILITY ITEM 4" FLEXIBLE COUPLING |
| 948 | LF | 2" WATER LINE | 4 | EA | GENERIC UTILITY ITEM 8" FLEXIBLE COUPLING |
| 133 | LF | 4" WATER LINE | 1 | EA | GENERIC UTILITY ITEM 8" x 6" FLEXIBLE COUPLING |
| | | | 6,560 | LF | GENERIC UTILITY ITEM 2" RIGID PVC CONDUIT, SCH 40 - HEAVY WALL |
| | | | 7,247 | LF | GENERIC UTILITY ITEM 4" RIGID PVC CONDUIT, SCH 40 - HEAVY WALL |
| | | | 2,190 | LF | GENERIC UTILITY ITEM 6" RIGID PVC CONDUIT, SCH 40 - HEAVY WALL |

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| Lump Sum | LS | GENERIC UTILITY ITEM | 9 | EA | SPLICE ENCLOSURE |
| | | 9'-4" PVC CONDUIT HANGER SYSTEM | 9 | EA | INTERCONNECT CENTER |
| | | RAILROAD BRIDGE | | | |
| Lump Sum | LS | GENERIC UTILITY ITEM | 19 | EA | DELINEATOR MARKER |
| | | 9'-4" PVC CONDUIT HANGER SYSTEM | 9 | EA | 900MHZ SERIAL/ETHERNET SPREAD |
| | | RICHLAND CREEK BRIDGE | | | SPECTRUM RADIO |
| 10,500 | HR | GENERIC UTILITY ITEM | 10 | EA | METAL POLE WITH SINGLE MAST ARM |
| | | UTILITIES COORDINATION | | | |
| 15,000 | LF | TEMPORARY SILT FENCE | 11 | EA | METAL POLE WITH DUAL MAST ARM |
| 2,000 | TON | STONE FOR EROSION CONTROL, CLASS A | 21 | EA | SOIL TEST |
| 550 | TON | STONE FOR EROSION CONTROL, CLASS B | 126 | CY | DRILLED PIER FOUNDATION |
| 2,600 | TON | SEDIMENT CONTROL STONE | 21 | EA | MAST ARM WITH METAL POLE DESIGN |
| 9 | ACR | TEMPORARY MULCHING | 42 | EA | SIGN FOR SIGNALS |
| 500 | LB | SEED FOR TEMPORARY SEEDING | 40 | EA | TYPE II PEDESTAL WITH FOUNDATION |
| 4.5 | TON | FERTILIZER FOR TEMPORARY SEEDING | 8 | EA | SIGNAL CABINET FOUNDATION |
| 200 | LF | TEMPORARY SLOPE DRAINS | 8 | EA | CONTROLLERS WITH CABINET |
| | | | | | (*****) |
| 1,600 | LF | SAFETY FENCE | | | (2070L, BASE MOUNTED) |
| 2,250 | CY | SILT EXCAVATION | 107 | EA | DETECTOR CARD (TYPE 2070L) |
| 21,500 | SY | MATTING FOR EROSION CONTROL | 8 | EA | CABINET BASE ADAPTER |
| 100 | SY | COIR FIBER MAT | 6 | EA | METAL POLE FOUNDATION REMOVAL |
| 3,050 | LF | 1/4" HARDWARE CLOTH | 6 | EA | METAL POLE REMOVAL |
| 250 | SY | FLOATING TURBIDITY CURTAIN | 1 | EA | GENERIC SIGNAL ITEM |
| 50 | EA | SPECIAL STILLING BASINS | | | CCTV WOOD POLE |
| 975 | LF | COIR FIBER WATTLE | 1 | EA | GENERIC SIGNAL ITEM |
| 200 | LB | POLYACRYLAMIDE (PAM) | 9 | EA | DIGITAL CCTV CAMERA ASSEMBLY |
| 775 | LF | COIR FIBER BAFFLE | | | GENERIC SIGNAL ITEM |
| 2 | EA | *** SKIMMER | 10 | EA | ETHERNET EDGE SWITCH |
| | | (1-1/2") | | | GENERIC SIGNAL ITEM |
| 9 | ACR | SEEDING & MULCHING | 11 | EA | MICROWAVE VEHICLE DETECTION SYSTEM |
| 4 | ACR | MOWING | | | - MULTIPLE ZONES |
| 100 | LB | SEED FOR REPAIR SEEDING | 40 | EA | GENERIC SIGNAL ITEM |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING | | | PROTECTIVE COATING FOR DUAL MAST |
| 175 | LB | SEED FOR SUPPLEMENTAL SEEDING | | | ARM POLE (BLACK) |
| 5 | TON | FERTILIZER TOPDRESSING | 10 | EA | GENERIC SIGNAL ITEM |
| 10 | MHR | SPECIALIZED HAND MOWING | | | PROTECTIVE COATING FOR SIGNAL |
| 5 | MHR | MANUAL LITTER REMOVAL | | | PEDESTAL (BLACK) |
| 2 | TON | LITTER DISPOSAL | 1,847 | SF | GENERIC SIGNAL ITEM |
| | | | 1 | EA | PROTECTIVE COATING FOR SINGLE MAST |
| 100 | EA | RESPONSE FOR EROSION CONTROL | | | ARM POLE (BLACK) |
| 30 | EA | CONCRETE WASHOUT STRUCTURE | 10 | EA | WALL ITEMS |
| 330 | EA | GENERIC EROSION CONTROL ITEM | 4,046 | SF | SOIL NAIL RETAINING WALLS |
| | | FABRIC INSERT INLET PROTECTION DEVICE | | | SOIL NAIL VERIFICATION TESTS |
| 700 | EA | GENERIC EROSION CONTROL ITEM | | | SOIL NAIL PROOF TESTS |
| | | FABRIC INSERT INLET PROTECTION DEVICE | | | SEGMENTAL GRAVITY RETAINING WALLS |
| | | CLEANOUT | | | STRUCTURE ITEMS |
| 3 | CY | CONCRETE STEPS | Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT |
| 40 | EA | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION | | | STATION ***** |
| | | W/COUNTDOWN) | | | (24+64.13 -L-) |
| 28,000 | LF | SIGNAL CABLE | Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT |
| 146 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) | | | STATION ***** |
| 30 | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION) | | | (31+45.00 -L-) |
| 12 | EA | VEHICLE SIGNAL HEAD (12", 5 SECTION) | Lump Sum | LS | ASBESTOS ASSESSMENT |
| 40 | EA | APS DETECTOR STATION | 252 | LF | PILE EXCAVATION IN SOIL |
| 8 | EA | CENTRAL CONTROL UNIT APS DETECTOR | 84 | LF | PILE EXCAVATION NOT IN SOIL |
| | | STATION | 667.3 | LF | 3'-6" DIA DRILLED PIERS IN SOIL |
| 3,700 | LF | MESSANGER CABLE (1/4") | 364 | LF | 3'-6" DIA DRILLED PIERS NOT IN SOIL |
| 3,700 | LF | MESSANGER CABLE (3/8") | 424.4 | LF | PERMANENT STEEL CASING FOR 3'-6" DIA |
| 5,900 | LF | TRACER WIRE | | | DRILLED PIER |
| 3,300 | LF | UNPAVED TRENCHING (*****) | 1 | EA | SID INSPECTIONS |
| | | (1, 2") | 3 | EA | CSL TESTING |
| 3,500 | LF | UNPAVED TRENCHING (*****) | Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION |
| | | (2, 2") | | | AT STATION ***** |
| 3,400 | LF | DIRECTIONAL DRILL (*****) | | | (24+64.13 -L-) |
| | | (2, 2") | Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION |
| 83 | EA | JUNCTION BOX (STANDARD SIZE) | | | AT STATION ***** |
| 19 | EA | JUNCTION BOX (OVER-SIZED, HEAVY DUTY) | | | (31+45.00 -L-) |
| 55 | EA | WOOD POLE | 31,927 | SF | REINFORCED CONCRETE DECK SLAB |
| 77 | EA | GUY ASSEMBLY | 28,559 | SF | GROOVING BRIDGE FLOORS |
| 8 | EA | 2" RISER WITH WEATHERHEAD | 540 | CY | CLASS A CONCRETE (BRIDGE) |
| 9,100 | LF | INDUCTIVE LOOP SAWCUT | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION |
| 31,000 | LF | LEAD-IN CABLE (*****) | | | ***** |
| | | (14-2) | | | (24+64.13 -L-) |
| 7,000 | LF | COMMUNICATIONS CABLE (** FIBER) | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION |
| | | (24) | | | ***** |
| 1,800 | LF | DROP CABLE | | | (31+45.00 -L-) |
| | | | 137,264 | LB | REINFORCING STEEL (BRIDGE) |
| | | | 28,713 | LB | SPIRAL COLUMN REINFORCING STEEL |
| | | | | | (BRIDGE) |
| | | | 3,354.13 | LF | 45" PRESTRESSED CONCRETE GIRDERS |

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| 27 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) |
| 20 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73) |
| 1,185 | LF | HP 12 X 53 STEEL PILES |
| 875 | LF | HP 14 X 73 STEEL PILES |
| 679.94 | LF | THREE BAR METAL RAIL |
| 120 | LF | *** CHAIN LINK FENCE (104") |
| 1,120 | SY | 4" SLOPE PROTECTION |
| 210 | TON | RIP RAP CLASS II (2'-0" THICK) |
| 235 | SY | GEOTEXTILE FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| Lump Sum | LS | GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS |