



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

**IMPORTANT INFORMATION  
PLEASE READ**

TO PREQUALIFIED BIDDERS AND PURCHASE ORDER PRIMES:

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

**For any letting June 1, 2022 and later:**

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

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

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

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

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

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

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

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

DocuSigned by:  
  
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## Interested Parties List

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

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

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

### To Register:

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

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



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

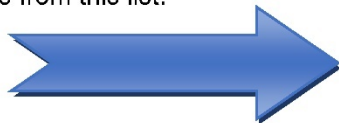
ROY COOPER  
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SECRETARY

**IMPORTANT NOTICE**

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

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



[Central Highway Letting](#)

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



[Central Plan Holder List](#)

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

Sincerely,

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

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

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

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601

**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 AUGUST 16, 2022. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

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

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

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

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

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

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

**CONTRACTOR'S LICENSE:** A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTOR'S LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, VISIT THE CONTRATOR LICENSING BOARD WEBSITE AT <https://www.nclbhc.org> OR EMAIL [licensing@nclbhc.org](mailto:licensing@nclbhc.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 JULY 19, 2022.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

## REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

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

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

Bid Letting Number: L220816

| RPN Contract Id | WBS                | County   | Length   | Job Type  |
|-----------------|--------------------|----------|----------|---|
| 002             | C204376 38222.3.3  | PITT     | 0.237 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURE.                 |
| 003             | C204734 49983.3.1  | WILSON   | 8.410 MI | PAVEMENT REHABILITATION, ITS, AND STRUCTURE PRESERVATION. |
| 004             | C204369 38887.3.2  | LEE      | 5.524 MI | GRADING, DRAINAGE, PAVING, AND SIGNALS.                   |
| 005             | C204714 45764.3.1  | CABARRUS | 0.221 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURE.                 |
| 006             | C204730 48320.3.1  | GASTON   |          | ITS AND SIGNALS.  |
| 007             | C204731 32572.3.13 | GRAHAM   | 3.727 MI | GRADING, DRAINAGE, AND PAVING.                            |

Bid Letting Number: L220920

| RPN Contract Id | WBS               | County  | Length   | Job Type  |
|-----------------|-------------------|---------|----------|---|
| 001             | C204727 47533.3.2 | ROBESON | 8.106 MI | GRADING, DRAINAGE, PAVING, RETAINING WALLS, AND STRUCTURES. |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220816

002

CONTRACT ID : C204376 38222.3.3

DIV OFFICE GREENVILLE

LENGTH = 0.237 MI

COUNTY : PITT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 2.00 % COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #38 OVER THE TAR RIVER ON US-13 IN GREENVILLE.

ROADWAY ITEMS

|          |     |  |          |     |  |
|----------|-----|--|----------|-----|--|
|          |     |  | 65       | SF  | CONTRACTOR FURNISHED, TYPE *** SIGN (E)  |
| Lump Sum | LS  | MOBILIZATION   | 15       | LF  | SUPPORTS, 3-LB STEEL U-CHANNEL   |
| Lump Sum | LS  | CONSTRUCTION SURVEYING   | 155      | LF  | SUPPORTS, WOOD   |
| Lump Sum | LS  | TYPE I STANDARD APPROACH FILL STATION<br>*****<br>(28+03.00 -L-) | 8        | EA  | SIGN ERECTION, TYPE E  |
| 600      | CY  | UNDERCUT EXCAVATION  | 8        | EA  | SIGN ERECTION, RELOCATE TYPE ****<br>(GROUND MOUNTED)<br>(D)   |
| Lump Sum | LS  | GRADING  | 4        | EA  | DISPOSAL OF SUPPORT, WOOD  |
| 1        | ACR | SUPPLEMENTARY CLEARING & GRUBBING                                | 6        | EA  | DISPOSAL OF SIGN SYSTEM, WOOD  |
| 600      | CY  | SELECT GRANULAR MATERIAL   | 192      | SF  | WORK ZONE SIGNS (STATIONARY)   |
| 1,100    | SY  | GEOTEXTILE FOR SOIL STABILIZATION                                | 20       | SF  | WORK ZONE SIGNS (BARRICADE MOUNTED)  |
| 1,150    | SY  | ROCK PLATING   | 2        | EA  | FLASHING ARROW BOARD   |
| 154      | TON | FOUNDATION CONDITIONING MATERIAL,<br>MINOR STRUCTURES            | 2        | EA  | PORTABLE CHANGEABLE MESSAGE SIGN   |
| 820      | SY  | FOUNDATION CONDITIONING GEOTEXTILE                               | 343      | EA  | DRUMS  |
| 48       | LF  | 15" DRAINAGE PIPE  | 48       | LF  | BARRICADES (TYPE III)  |
| 522      | LF  | 15" RC PIPE CULVERTS, CLASS IV                                   | 2        | EA  | TMA  |
| 84       | LF  | 15" CS PIPE CULVERTS, 0.064" THICK                               | 1,747    | LF  | PORTABLE CONCRETE BARRIER<br>(ANCHORED)  |
| 4        | EA  | *** CS PIPE ELBOWS, ***** THICK<br>(15", 0.064")                 | 6,020    | LF  | THERMOPLASTIC PAVEMENT MARKING<br>LINES (4", 90 MILS)  |
| 63       | LF  | PIPE REMOVAL   | 60       | LF  | THERMOPLASTIC PAVEMENT MARKING<br>LINES (24", 90 MILS)   |
| 500      | TON | INCIDENTAL STONE BASE  | 12       | EA  | THERMOPLASTIC PAVEMENT MARKING<br>SYMBOL (90 MILS)   |
| 3,030    | SY  | MILLING ASPHALT PAVEMENT, **** DEPTH<br>(1-1/2")                 | 5,775    | LF  | PAINT PAVEMENT MARKING LINES (4")  |
| 540      | SY  | INCIDENTAL MILLING   | 2,580    | LF  | GENERIC PAVEMENT MARKING ITEM<br>POLYUREA PAVEMENT MARKING LINES (4",<br>20 MILS) (STANDARD GLASS BEADS) |
| 585      | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C                            | 105      | EA  | NON-CAST IRON SNOWPLOWABLE<br>PAVEMENT MARKER  |
| 465      | TON | ASPHALT CONC INTERMEDIATE COURSE,<br>TYPE I19.0C                 | 793      | LF  | 8" WATER LINE  |
| 810      | TON | ASPHALT CONC SURFACE COURSE, TYPE<br>S9.5C                       | 838      | LF  | 12" WATER LINE   |
| 100      | TON | ASPHALT BINDER FOR PLANT MIX                                     | 4,300    | LB  | DUCTILE IRON WATER PIPE FITTINGS   |
| 40       | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR                               | 2        | EA  | 8" VALVE   |
| 112      | CY  | SUBDRAIN EXCAVATION  | 2        | EA  | 12" VALVE  |
| 500      | SY  | GEOTEXTILE FOR SUBSURFACE DRAINS                                 | 535      | LF  | ABANDON 8" UTILITY PIPE  |
| 84       | CY  | SUBDRAIN COARSE AGGREGATE  | 882      | LF  | ABANDON 12" UTILITY PIPE   |
| 500      | LF  | 6" PERFORATED SUBDRAIN PIPE                                      | Lump Sum | LS  | GENERIC UTILITY ITEM<br>12" PIPE HANGER SYSTEM   |
| 1        | EA  | SUBDRAIN PIPE OUTLET   | Lump Sum | LS  | GENERIC UTILITY ITEM<br>8" PIPE HANGER SYSTEM  |
| 6        | LF  | 6" OUTLET PIPE   | 1,445    | LF  | TEMPORARY SILT FENCE   |
| 1        | EA  | TEMPORARY STEEL PLATE COVERS FOR<br>MASONRY DRAINAGE STRUCTURE   | 125      | TON | STONE FOR EROSION CONTROL, CLASS A   |
| 9        | EA  | MASONRY DRAINAGE STRUCTURES                                      | 5        | TON | STONE FOR EROSION CONTROL, CLASS B   |
| 2        | EA  | FRAME WITH TWO GRATES, STD 840.20                                | 640      | TON | SEDIMENT CONTROL STONE   |
| 1        | EA  | FRAME WITH TWO GRATES, STD 840.22                                | 1.5      | ACR | TEMPORARY MULCHING   |
| 1        | EA  | FRAME WITH TWO GRATES, STD 840.24                                | 100      | LB  | SEED FOR TEMPORARY SEEDING   |
| 5        | EA  | FRAME WITH TWO GRATES, STD 840.29                                | 0.5      | TON | FERTILIZER FOR TEMPORARY SEEDING   |
| 20       | LF  | 2'-6" CONCRETE CURB & GUTTER                                     | 200      | LF  | TEMPORARY SLOPE DRAINS   |
| 480      | LF  | SHOULDER BERM GUTTER   | 1,320    | LF  | SAFETY FENCE   |
| 887.5    | LF  | STEEL BEAM GUARDRAIL   | 70       | CY  | SILT EXCAVATION  |
| 10       | EA  | ADDITIONAL GUARDRAIL POSTS                                       | 1,260    | SY  | MATTING FOR EROSION CONTROL  |
| 5        | EA  | GUARDRAIL END UNITS, TYPE TL-3                                   | 1,200    | SY  | COIR FIBER MAT   |
| 4        | EA  | GUARDRAIL ANCHOR UNITS, TYPE B-77                                | 250      | LF  | 1/4" HARDWARE CLOTH  |
| 1,350    | LF  | REMOVE EXISTING GUARDRAIL  | 755      | SY  | FLOATING TURBIDITY CURTAIN   |
| 2        | EA  | TEMPORARY GUARDRAIL END UNITS, TYPE<br>*****<br>(TL-3)           | 28       | EA  | SPECIAL STILLING BASINS  |
| 262.5    | LF  | RELAPPING GUARDRAIL  | 300      | LF  | COIR FIBER WATTLE  |
| 5        | TON | RIP RAP, CLASS B   | 15       | LB  | POLYACRYLAMIDE (PAM)   |
| 1,775    | SY  | GEOTEXTILE FOR DRAINAGE  | 3        | ACR | SEEDING & MULCHING   |

|          |     |   |
|----------|-----|---|
| 3        | ACR | MOWING  |
| 50       | LB  | SEED FOR REPAIR SEEDING   |
| 0.25     | TON | FERTILIZER FOR REPAIR SEEDING   |
| 50       | LB  | SEED FOR SUPPLEMENTAL SEEDING   |
| 1        | TON | FERTILIZER TOPDRESSING  |
| 10       | MHR | SPECIALIZED HAND MOWING   |
| 2        | MHR | MANUAL LITTER REMOVAL   |
| 1        | TON | LITTER DISPOSAL   |
| 13       | EA  | RESPONSE FOR EROSION CONTROL  |
| 2        | EA  | CONCRETE WASHOUT STRUCTURE  |
| 0.1      | ACR | REFORESTATION   |
|          |     | <b>STRUCTURE ITEMS</b>  |
| Lump Sum | LS  | CONSTRUCTION, MAINTENANCE, &<br>REMOVAL OF TEMP ACCESS AT STA<br>*****<br>(28+03.00-L-) |
| Lump Sum | LS  | REMOVAL OF EXISTING STRUCTURE AT<br>STATION *****<br>(28+03.00-L-)                      |
| Lump Sum | LS  | ASBESTOS ASSESSMENT   |
| 1,966.25 | LF  | ****" DIA DRILLED PIERS IN SOIL<br>(4'-6")  |
| 441.15   | LF  | PERMANENT STEEL CASING FOR ****" DIA<br>DRILLED PIER<br>(4'-6")                         |
| 2        | EA  | PDA TESTING   |
| 7        | EA  | SID INSPECTIONS   |
| 7        | EA  | SPT TESTING   |
| 7        | EA  | CSL TESTING   |
| Lump Sum | LS  | UNCLASSIFIED STRUCTURE EXCAVATION<br>AT STATION *****<br>(28+03.00-L-)                  |
| 22,585   | SF  | REINFORCED CONCRETE DECK SLAB   |
| 20,835   | SF  | GROOVING BRIDGE FLOORS  |
| 482.1    | CY  | CLASS A CONCRETE (BRIDGE)   |
| Lump Sum | LS  | BRIDGE APPROACH SLABS, STATION<br>*****<br>(28+03.00-L-)                                |
| 220,030  | LB  | REINFORCING STEEL (BRIDGE)  |
| 67,749   | LB  | SPIRAL COLUMN REINFORCING STEEL<br>(BRIDGE)   |
| 2,700.83 | LF  | 45" PRESTRESSED CONCRETE GIRDERS  |
| 19       | EA  | PILE DRIVING EQUIPMENT SETUP FOR ***<br>STEEL PILES<br>(HP 12 X 53)                     |
| 1,425    | LF  | HP 12 X 53 STEEL PILES  |
| 10       | EA  | PILE REDRIVES   |
| 1,136.77 | LF  | CONCRETE BARRIER RAIL   |
| 330      | TON | RIP RAP CLASS II (2'-0" THICK)  |
| 370      | SY  | GEOTEXTILE FOR DRAINAGE   |
| Lump Sum | LS  | ELASTOMERIC BEARINGS  |
| Lump Sum | LS  | EXPANSION JOINT SEALS   |
| Lump Sum | LS  | ELECTRICAL CONDUIT SYSTEM FOR<br>SIGNALS AT STA *****<br>(28+03.00-L-)                  |
| 7        | EA  | GENERIC STRUCTURE ITEM<br>THERMAL INTEGRITY PROFILER TESTING                            |



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220816

003

CONTRACT ID : C204734 49983.3.1

DIV OFFICE WILSON

LENGTH = 8.410 MI

COUNTY : WILSON

PAVEMENT REHABILITATION, ITS, AND STRUCTURE PRESERVATION.

DBE GOAL 6.00 % COMPLETION DATE : NOV 15, 2023

US-264 FROM TOISNOT SWAMP TO THE GREENE COUNTY LINE.

|          |     | ROADWAY ITEMS |     |  |  |
|----------|-----|---------------|-----|--|--|
|          |     | 865           | LF  | REMOVAL OF PAVEMENT MARKING LINES (4")   |  |
| Lump Sum | LS  | 198           | LF  | REMOVAL OF PAVEMENT MARKING LINES (24")  |  |
| 200      | CY  |               |     | BORROW EXCAVATION  |  |
| 10       | TON | 3             | EA  | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS                               |  |
|          |     | 1,690         | EA  | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER                                     |  |
| 30       | SY  |               |     | FOUNDATION CONDITIONING GEOTEXTILE   |  |
| 8        | LF  | 100           | LF  | TEMPORARY SILT FENCE   |  |
|          |     | 100           | TON | 12" RC PIPE CULVERTS, CLASS III  |  |
| 40       | LF  |               |     | 15" RC PIPE CULVERTS, CLASS III  |  |
| 40       | LF  | 100           | LF  | 18" RC PIPE CULVERTS, CLASS III  |  |
| 88       | LF  | 750           | LF  | PIPE REMOVAL   |  |
| 5        | TON | 750           | LF  | AGGREGATE BASE COURSE  |  |
| 550      | TON | 2             | ACR | INCIDENTAL STONE BASE  |  |
| 146,681  | SY  | 2             | EA  | SEEDING & MULCHING   |  |
|          |     | 2             | EA  | CONCRETE WASHOUT STRUCTURE   |  |
| 303,500  | SY  | 45            | LF  | MILLING ASPHALT PAVEMENT, ***" DEPTH (2")                                      |  |
|          |     | 1             | EA  | MILLING ASPHALT PAVEMENT, ***" TO ***** (2" TO 2-3/4")                         |  |
| 1,560    | SY  | 2             | EA  | INCIDENTAL MILLING   |  |
| 13,285   | TON | 3             | EA  | ASPHALT CONC SURFACE COURSE, TYPE S9.5C  |  |
| 22,810   | TON | 1             | EA  | ASPHALT CONC SURFACE COURSE, TYPE S9.5D  |  |
| 2,098    | TON | 1             | EA  | ASPHALT BINDER FOR PLANT MIX   |  |
| 1,955    | TON | 1             | EA  | POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX                                  |  |
| 10,630   | TON | 1             | EA  | OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED                        |  |
| 739      | TON | 2             | EA  | PATCHING EXISTING PAVEMENT   |  |
| 174,340  | LF  | 1             | EA  | MILLED RUMBLE STRIPS (ASPHALT CONCRETE)  |  |
| 4.23     | CY  | 1             | EA  | PIPE COLLARS   |  |
| 10       | CY  | 1             | EA  | FLOWABLE FILL  |  |
| 1        | EA  | 1             | EA  | FRAME WITH TWO GRATES, STD 840.22  |  |
| 11       | EA  | 30            | LF  | GENERIC DRAINAGE ITEM CONCRETE APRON   |  |
| 6        | EA  | 55            | LF  | IMPACT ATTENUATOR UNITS, TYPE TL-3   |  |
| 1,875    | LF  |               |     | STEEL BEAM GUARDRAIL   |  |
| 150      | LF  |               |     | STEEL BEAM GUARDRAIL, SHOP CURVED  |  |
| 20       | EA  |               |     | ADDITIONAL GUARDRAIL POSTS   |  |
| 19       | EA  | 34            | CF  | GUARDRAIL END UNITS, TYPE CAT-1  |  |
| 17,000   | LF  | Lump Sum      | LS  | REMOVE & RESET EXISTING GUARDRAIL  |  |
| 1,850    | LF  | 730.4         | LF  | REMOVE EXISTING GUARDRAIL  |  |
| 26       | EA  | 78.1          | CF  | GENERIC GUARDRAIL ITEM REMOVE AND RESET EXISTING GUARDRAIL END UNITS, TYPE TL3 |  |
| 304      | SF  | 2.3           | CF  | WORK ZONE SIGNS (STATIONARY)   |  |
| 4        | EA  |               |     | PORTABLE CHANGEABLE MESSAGE SIGN   |  |
| 5        | EA  | 378.2         | SF  | WORK ZONE DIGITAL SPEED LIMIT SIGNS  |  |
| 1,444    | HR  | 79.1          | SF  | LAW ENFORCEMENT  |  |
| 2        | EA  |               |     | GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE                     |  |
| 8        | EA  | 3,893.8       | SY  | GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP CLOSURES                                |  |
| 200      | EA  | 3,893.8       | SY  | GENERIC TRAFFIC CONTROL ITEM SINGLE LANE CLOSURE                               |  |
| 236,700  | LF  |               |     | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)                             |  |
| 4,890    | LF  |               |     | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)                            |  |
| 240      | LF  |               |     | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)                            |  |
| 20       | EA  |               |     | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)                                |  |
| 454,080  | LF  |               |     | PAINT PAVEMENT MARKING LINES (6")  |  |
| 9,790    | LF  |               |     | PAINT PAVEMENT MARKING LINES (12")   |  |
|          |     |               |     | <b>STRUCTURE ITEMS</b>   |  |
|          |     | 34            | CF  | SHOTCRETE REPAIRS  |  |
|          |     | Lump Sum      | LS  | GENERIC STRUCTURE ITEM VOLUMETRIC MIXER  |  |
|          |     | 730.4         | LF  | GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT                         |  |
|          |     | 78.1          | CF  | GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION                   |  |
|          |     | 2.3           | CF  | GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CONCRETE GIRDERS                 |  |
|          |     | 378.2         | SF  | GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION                                 |  |
|          |     | 79.1          | SF  | GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR SILANE DECK TREATMENT          |  |
|          |     | 3,893.8       | SY  | GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK                                |  |
|          |     | 3,893.8       | SY  | GENERIC STRUCTURE ITEM SILANE DECK TREATMENT                                   |  |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L220816

004

CONTRACT ID : C204369 38887.3.2

DIV OFFICE CARTHAGE

LENGTH = 5.524 MI

COUNTY : LEE

GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL 6.00 % COMPLETION DATE : MAR 30, 2027

NC-42/SR-1579 (BROADWAY RD) FROM US-421 IN SANFORD TO SR-1538 (E HARRINGTON AVE) IN BROADWAY.

| ROADWAY ITEMS |     |  |        |     |   |
|---------------|-----|--|--------|-----|---|
|               |     |  | 100    | SY  | INCIDENTAL MILLING  |
| Lump Sum      | LS  | MOBILIZATION   | 39,910 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C                       |
| Lump Sum      | LS  | CONSTRUCTION SURVEYING   | 41,415 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C               |
| Lump Sum      | LS  | CLEARING & GRUBBING .. ACRE(S)   | 5,225  | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B                     |
| 1             | ACR | SUPPLEMENTARY CLEARING & GRUBBING  | 30,760 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C                     |
| 25,700        | CY  | UNCLASSIFIED EXCAVATION  | 5,980  | TON | ASPHALT BINDER FOR PLANT MIX                                |
| 2,000         | CY  | UNDERCUT EXCAVATION  | 694.4  | CY  | SUBDRAIN EXCAVATION   |
| 138,700       | CY  | BORROW EXCAVATION  | 3,100  | SY  | GEOTEXTILE FOR SUBSURFACE DRAINS                            |
| 680           | CY  | DRAINAGE DITCH EXCAVATION  | 520.8  | CY  | SUBDRAIN COARSE AGGREGATE                                   |
| 35,240        | SY  | REMOVAL OF EXISTING ASPHALT PAVEMENT                                     | 3,100  | LF  | 6" PERFORATED SUBDRAIN PIPE                                 |
| 7,800         | SY  | BREAKING OF EXISTING ASPHALT PAVEMENT                                    | 7      | EA  | SUBDRAIN PIPE OUTLET  |
| 1,800         | CY  | SELECT GRANULAR MATERIAL   | 42     | LF  | 6" OUTLET PIPE  |
| 15,150        | SY  | GEOTEXTILE FOR SOIL STABILIZATION  | 11     | EA  | TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE |
| 14,410        | SF  | TEMPORARY SHORING  | 6      | CY  | ENDWALLS  |
| 100           | TON | GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL | 21     | CY  | REINFORCED ENDWALLS   |
| 5,260         | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES                       | 1.197  | CY  | PIPE COLLARS  |
| 12,280        | SY  | FOUNDATION CONDITIONING GEOTEXTILE                                       | 0.377  | CY  | PIPE PLUGS  |
| 2,320         | LF  | 15" DRAINAGE PIPE  | 54     | CY  | FLOWABLE FILL   |
| 924           | LF  | 18" DRAINAGE PIPE  | 421    | EA  | MASONRY DRAINAGE STRUCTURES                                 |
| 168           | LF  | 24" DRAINAGE PIPE  | 7      | CY  | MASONRY DRAINAGE STRUCTURES                                 |
| 1             | EA  | **" DRAINAGE PIPE ELBOWS (18")   | 131.8  | LF  | MASONRY DRAINAGE STRUCTURES                                 |
| 412           | LF  | ****" RC PIPE CULVERTS, CLASS ***** (15",V)                              | 1      | EA  | FRAME WITH GRATE, STD 840.29                                |
| 112           | LF  | ****" RC PIPE CULVERTS, CLASS ***** (18",V)                              | 94     | EA  | FRAME WITH TWO GRATES, STD 840.16                           |
| 180           | LF  | ****" RC PIPE CULVERTS, CLASS ***** (24",V)                              | 29     | EA  | FRAME WITH TWO GRATES, STD 840.24                           |
| 80            | LF  | ****" RC PIPE CULVERTS, CLASS ***** (30",V)                              | 51     | EA  | FRAME WITH TWO GRATES, STD 840.29                           |
| 80            | LF  | 72" RC PIPE CULVERTS, CLASS III  | 27     | EA  | FRAME WITH GRATE & HOOD, STD 840.03, TYPE **                |
| 112           | LF  | ****" RC PIPE CULVERTS, CLASS IV (48")                                   | 111    | EA  | FRAME WITH GRATE & HOOD, STD 840.03, TYPE **                |
| 132           | LF  | ****" RC PIPE CULVERTS, CLASS IV (54")                                   | 103    | EA  | FRAME WITH GRATE & HOOD, STD 840.03, TYPE **                |
| 23,208        | LF  | 15" RC PIPE CULVERTS, CLASS IV   | 6      | EA  | FRAME WITH COVER, STD 840.54                                |
| 2,996         | LF  | 18" RC PIPE CULVERTS, CLASS IV   | 1      | EA  | STEEL FRAME WITH TWO GRATES, STD 840.37                     |
| 3,668         | LF  | 24" RC PIPE CULVERTS, CLASS IV   | 23     | EA  | CONCRETE TRANSITIONAL SECTION FOR DROP INLET                |
| 1,924         | LF  | 30" RC PIPE CULVERTS, CLASS IV   | 2,900  | LF  | **" X **" CONCRETE CURB (8" X 18")                          |
| 360           | LF  | 36" RC PIPE CULVERTS, CLASS IV   | 4,150  | LF  | **" **" CONCRETE CURB & GUTTER (2'-9")                      |
| 168           | LF  | 42" RC PIPE CULVERTS, CLASS IV   | 18,840 | LF  | 1'-6" CONCRETE CURB & GUTTER                                |
| 7,120         | LF  | PIPE REMOVAL   | 39,390 | LF  | 2'-6" CONCRETE CURB & GUTTER                                |
| 1             | EA  | PIPE CLEAN OUT   | 9,780  | SY  | 4" CONCRETE SIDEWALK  |
| Lump Sum      | LS  | FINE GRADING   | 94     | EA  | CONCRETE CURB RAMPS   |
| 6,070         | CY  | SHALLOW UNDERCUT   | 2,410  | SY  | 6" CONCRETE DRIVEWAY  |
| 12,070        | TON | CLASS IV SUBGRADE STABILIZATION  | 120    | SY  | 4" CONCRETE PAVED DITCH                                     |
| 500           | TON | CLASS IV AGGREGATE STABILIZATION   | 20     | SY  | 5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)            |
| 3,962         | TON | AGGREGATE BASE COURSE  | 1,710  | SY  | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)                   |
| 200           | TON | INCIDENTAL STONE BASE  | 745    | LF  | PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED           |
| 2,195         | GAL | PRIME COAT   | 1,200  | LF  | STEEL BEAM GUARDRAIL  |
| 12,300        | SY  | MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2")                           | 10     | EA  | ADDITIONAL GUARDRAIL POSTS                                  |
| 69,100        | SY  | MILLING ASPHALT PAVEMENT, ****" DEPTH (2-1/2")                           | 5      | EA  | GUARDRAIL END UNITS, TYPE CAT-1                             |
| 22,700        | SY  | MILLING ASPHALT PAVEMENT, ****" DEPTH (3")                               | 5      | EA  | GUARDRAIL END UNITS, TYPE TL-3                              |
| 100           | SY  | MILLING ASPHALT PAVEMENT, ****" TO ***** (0" TO 3")                      | 650    | LF  | TEMPORARY STEEL BEAM GUARDRAIL                              |

|           |     |   |          |     |  |
|-----------|-----|---|----------|-----|--|
| 10        | EA  | TEMPORARY GUARDRAIL END UNITS, TYPE *****<br>(TL-3)             | 79       | EA  | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS           |
| 10        | EA  | GENERIC GUARDRAIL ITEM<br>TEMPORARY ADDITIONAL GUARDRAIL POSTS  | 790      | EA  | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER                 |
| 707       | LF  | GENERIC FENCING ITEM<br>PEDESTRIAN SAFETY RAIL                  | Lump Sum | LS  | PORTABLE LIGHTING  |
| 790       | TON | RIP RAP, CLASS I  | 400      | LF  | GENERIC LIGHTING ITEM<br>ELECTRICAL DUCT (2" BD)           |
| 680       | TON | RIP RAP, CLASS B  | 3        | EA  | GENERIC LIGHTING ITEM<br>ORNAMENTAL PLANTER RECEPTACLE     |
| 6,755     | SY  | GEOTEXTILE FOR DRAINAGE   | 1,356    | LF  | 6" WATER LINE  |
| 1         | CY  | REINFORCED CONCRETE SIGN FOUNDATIONS                            | 4,974    | LF  | 8" WATER LINE  |
| 607       | LB  | SUPPORTS, BREAKAWAY STEEL BEAM                                  | 1,540    | LF  | 10" WATER LINE   |
| 3,400     | LF  | SUPPORTS, 3-LB STEEL U-CHANNEL                                  | 9,639    | LF  | 12" WATER LINE   |
| 8         | EA  | SIGN ERECTION, TYPE D   | 13,550   | LF  | 16" WATER LINE   |
| 125       | EA  | SIGN ERECTION, TYPE E   | 56,300   | LB  | DUCTILE IRON WATER PIPE FITTINGS                           |
| 37        | EA  | SIGN ERECTION, TYPE F   | 2        | EA  | 2" VALVE   |
| 2         | EA  | SIGN ERECTION, TYPE *** (GROUND MOUNTED)<br>(A)                 | 38       | EA  | 6" VALVE   |
| 1         | EA  | SIGN ERECTION, RELOCATE TYPE *****<br>(GROUND MOUNTED)<br>(D)   | 15       | EA  | 8" VALVE   |
| 6         | EA  | SIGN ERECTION, RELOCATE TYPE *****<br>(GROUND MOUNTED)<br>(E)   | 2        | EA  | 10" VALVE  |
| 100       | EA  | DISPOSAL OF SIGN SYSTEM, U-CHANNEL                              | 10       | EA  | 12" VALVE  |
| 5         | EA  | DISPOSAL OF SUPPORT, U-CHANNEL                                  | 20       | EA  | 16" VALVE  |
| 701       | SF  | WORK ZONE SIGNS (STATIONARY)                                    | 1        | EA  | 10" TAPPING SLEEVE & VALVE                                 |
| 1,531     | SF  | WORK ZONE SIGNS (PORTABLE)                                      | 2        | EA  | 1-1/2" WATER METER   |
| 316       | SF  | WORK ZONE SIGNS (BARRICADE MOUNTED)                             | 101      | EA  | RELOCATE WATER METER                                       |
| 2         | EA  | FLASHING ARROW BOARD  | 33       | EA  | RECONNECT WATER METER                                      |
| 5         | EA  | PORTABLE CHANGEABLE MESSAGE SIGN                                | 39       | EA  | FIRE HYDRANT   |
| 660       | EA  | DRUMS   | 3        | EA  | RELOCATE FIRE HYDRANT                                      |
| 30        | EA  | CONES   | 699      | LF  | FIRE HYDRANT LEG   |
| 208       | LF  | BARRICADES (TYPE III)   | 50       | LF  | *** WATER SERVICE LINE<br>(12")                            |
| 48        | LF  | PEDESTRIAN CHANNELIZING DEVICES                                 | 479      | LF  | *** WATER SERVICE LINE<br>(2")                             |
| 536       | DAY | FLAGGER   | 99       | LF  | *** WATER SERVICE LINE<br>(4")                             |
| 6         | EA  | TEMPORARY CRASH CUSHIONS  | 55       | LF  | *** WATER SERVICE LINE<br>(6")                             |
| 6         | EA  | REMOVE & RESET TEMPORARY CRASH CUSHION                          | 6,581    | LF  | WATER SERVICE LINE   |
| 1,040     | LF  | PORTABLE CONCRETE BARRIER                                       | 5,503    | LF  | 8" SANITARY GRAVITY SEWER                                  |
| 1,700     | LF  | PORTABLE CONCRETE BARRIER<br>(ANCHORED)                         | 34       | EA  | SANITARY SEWER CLEAN-OUT                                   |
| 1,880     | LF  | REMOVE AND RESET PORTABLE CONCRETE BARRIER                      | 811      | LF  | SEWER SERVICE LINE   |
| 1,500     | LF  | REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)             | 26       | EA  | 4' DIA UTILITY MANHOLE                                     |
| 600       | LF  | WATER FILLED BARRIER  | 48       | LF  | UTILITY MANHOLE WALL 4' DIA                                |
| 48        | HR  | LAW ENFORCEMENT   | 3,713    | LF  | ABANDON 6" UTILITY PIPE                                    |
| 660       | EA  | SKINNY DRUM   | 9,036    | LF  | ABANDON 8" UTILITY PIPE                                    |
| 1,045     | EA  | TEMPORARY RAISED PAVEMENT MARKERS                               | 13,732   | LF  | ABANDON 10" UTILITY PIPE                                   |
| 112,322.5 | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)              | 103      | LF  | ABANDON 12" UTILITY PIPE                                   |
| 4,850     | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)              | 12,370   | LF  | ABANDON 16" UTILITY PIPE                                   |
| 1,100     | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)             | 41       | EA  | REMOVE FIRE HYDRANT  |
| 1,210     | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)             | 15       | EA  | ABANDON UTILITY MANHOLE                                    |
| 22        | EA  | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)              | 52       | LF  | *** ENCASEMENT PIPE<br>(8")                                |
| 181       | EA  | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)                 | 470      | LF  | 16" ENCASEMENT PIPE  |
| 110       | EA  | HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | 60       | LF  | 20" ENCASEMENT PIPE  |
| 217,779   | LF  | PAINT PAVEMENT MARKING LINES (4")                               | 547      | LF  | 30" ENCASEMENT PIPE  |
| 5,760     | LF  | PAINT PAVEMENT MARKING LINES (8")                               | 350      | LF  | BORE AND JACK OF ***<br>(16")                              |
| 1,360     | LF  | PAINT PAVEMENT MARKING LINES (12")                              | 60       | LF  | BORE AND JACK OF ***<br>(20")                              |
| 2,147     | LF  | PAINT PAVEMENT MARKING LINES (24")                              | 157      | LF  | BORE AND JACK OF ***<br>(30")                              |
| 224       | EA  | PAINT PAVEMENT MARKING SYMBOL                                   | 1,065    | LF  | GENERIC UTILITY ITEM<br>CIPP LINING                        |
| 69,638    | LF  | REMOVAL OF PAVEMENT MARKING LINES (4")                          | 81       | LF  | GENERIC UTILITY ITEM<br>MANHOLE REHABILITATION WITH LINING |
| 1,770     | LF  | REMOVAL OF PAVEMENT MARKING LINES (8")                          | 52,050   | LF  | TEMPORARY SILT FENCE                                       |
| 805       | LF  | REMOVAL OF PAVEMENT MARKING LINES (12")                         | 4,400    | TON | STONE FOR EROSION CONTROL, CLASS A                         |
| 235       | LF  | REMOVAL OF PAVEMENT MARKING LINES (24")                         | 14,440   | TON | STONE FOR EROSION CONTROL, CLASS B                         |
|           |     |   | 10,500   | TON | SEDIMENT CONTROL STONE                                     |
|           |     |   | 16.5     | ACR | TEMPORARY MULCHING   |
|           |     |   | 900      | LB  | SEED FOR TEMPORARY SEEDING                                 |
|           |     |   | 6        | TON | FERTILIZER FOR TEMPORARY SEEDING                           |
|           |     |   | 1,750    | LF  | TEMPORARY SLOPE DRAINS                                     |
|           |     |   | 4,200    | LF  | SAFETY FENCE   |

|        |     |   |                   |    |   |
|--------|-----|---|-------------------|----|---|
| 38,000 | CY  | SILT EXCAVATION   | 6                 | EA | SITE SURVEY   |
| 84,360 | SY  | MATTING FOR EROSION CONTROL   | 23                | EA | LUMINAIRE ARM FOR VIDEO SYSTEM  |
| 325    | SY  | COIR FIBER MAT  | 23                | EA | CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT                   |
| 1,995  | SY  | PERMANENT SOIL REINFORCEMENT MAT  | 6                 | EA | EXTERNAL LOOP EMULATOR PROCESSING UNIT                                  |
| 17,500 | LF  | 1/4" HARDWARE CLOTH   | 12,180            | LF | COMMUNICATIONS CABLE (** FIBER) (24)                                    |
| 90     | LF  | *** TEMPORARY PIPE (18")  | 660               | LF | DROP CABLE  |
| 4      | EA  | SPECIAL STILLING BASINS   | 5                 | EA | SPLICE ENCLOSURE  |
| 200    | LF  | COIR FIBER WATTLE   | 1                 | EA | MODIFY SPLICE ENCLOSURE   |
| 1,250  | LB  | POLYACRYLAMIDE (PAM)  | 30                | EA | DELINEATOR MARKER   |
| 5,500  | LF  | COIR FIBER BAFFLE   | 4                 | EA | METAL STRAIN SIGNAL POLE  |
| 15     | EA  | *** SKIMMER (1-1/2")  | 11                | EA | METAL POLE WITH SINGLE MAST ARM   |
| 11     | EA  | *** SKIMMER (2")  | 1                 | EA | METAL POLE WITH DUAL MAST ARM   |
| 1      | EA  | *** SKIMMER (2-1/2")  | 16                | EA | SOIL TEST   |
| 24     | ACR | SEEDING & MULCHING  | 96                | CY | DRILLED PIER FOUNDATION   |
| 21     | ACR | MOWING  | 12                | EA | MAST ARM WITH METAL POLE DESIGN   |
| 200    | LB  | SEED FOR REPAIR SEEDING   | 10                | EA | SIGN FOR SIGNALS  |
| 1      | TON | FERTILIZER FOR REPAIR SEEDING   | 11                | EA | TYPE I POST WITH FOUNDATION   |
| 500    | LB  | SEED FOR SUPPLEMENTAL SEEDING   | 18                | EA | TYPE II PEDESTAL WITH FOUNDATION  |
| 14.75  | TON | FERTILIZER TOPDRESSING  | 6                 | EA | SIGNAL CABINET FOUNDATION   |
| 30     | LF  | IMPERVIOUS DIKE   | 6                 | EA | CONTROLLERS WITH CABINET (*****)<br>(TYPE 2070E, BASE MOUNTED)          |
| 10     | MHR | SPECIALIZED HAND MOWING   | 46                | EA | DETECTOR CARD (TYPE 170)  |
| 165    | MHR | MANUAL LITTER REMOVAL   | 6                 | EA | CABINET BASE EXTENDER   |
| 15     | TON | LITTER DISPOSAL   | 5                 | EA | METAL POLE FOUNDATION REMOVAL   |
| 100    | EA  | RESPONSE FOR EROSION CONTROL  | 5                 | EA | METAL POLE REMOVAL  |
| 26     | EA  | CONCRETE WASHOUT STRUCTURE  | 5                 | EA | GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH                                |
| 54     | EA  | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE          | 1                 | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR DUAL MAST ARM POLE (BLACK)   |
| 162    | EA  | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT | 8                 | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR PUSH BUTTON POST (BLACK)     |
| 24     | EA  | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)                         | 15                | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SIGNAL PEDESTAL (BLACK)      |
| 25,600 | LF  | SIGNAL CABLE  | 6                 | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK) |
| 86     | EA  | VEHICLE SIGNAL HEAD (12", 3 SECTION)  | 4                 | EA | GENERIC SIGNAL ITEM PROTECTIVE COATING FOR STRAIN POLE (BLACK)          |
| 19     | EA  | VEHICLE SIGNAL HEAD (12", 4 SECTION)  | 1,780             | LF | GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE                         |
| 11     | EA  | VEHICLE SIGNAL HEAD (12", 5 SECTION)  | <b>WALL ITEMS</b> |    |   |
| 625    | LF  | MESSENGER CABLE (1/4")  | 1,120             | SF | MSE RETAINING WALL NO **** (1)  |
| 2,725  | LF  | MESSENGER CABLE (3/8")  | 7,750             | SF | MSE RETAINING WALL NO **** (2)  |
| 8,650  | LF  | TRACER WIRE   | 1,455             | SF | SOIL NAIL RETAINING WALLS   |
| 600    | LF  | PAVED TRENCHING (*****)<br>(1, 2")  | 2                 | EA | SOIL NAIL VERIFICATION TESTS  |
| 75     | LF  | PAVED TRENCHING (*****)<br>(2, 2")  | 1                 | EA | SOIL NAIL PROOF TESTS   |
| 50     | LF  | PAVED TRENCHING (*****)<br>(3, 2")  |                   |    |   |
| 25     | LF  | PAVED TRENCHING (*****)<br>(4, 2")  |                   |    |   |
| 2,975  | LF  | UNPAVED TRENCHING (*****)<br>(1, 2")  |                   |    |   |
| 6,550  | LF  | UNPAVED TRENCHING (*****)<br>(2, 2")  |                   |    |   |
| 55     | LF  | UNPAVED TRENCHING (*****)<br>(3, 2")  |                   |    |   |
| 500    | LF  | UNPAVED TRENCHING (*****)<br>(4, 2")  |                   |    |   |
| 50     | LF  | DIRECTIONAL DRILL (*****)<br>(1, 2")  |                   |    |   |
| 3,225  | LF  | DIRECTIONAL DRILL (*****)<br>(2, 2")  |                   |    |   |
| 125    | LF  | DIRECTIONAL DRILL (*****)<br>(3, 2")  |                   |    |   |
| 650    | LF  | DIRECTIONAL DRILL (*****)<br>(4, 2")  |                   |    |   |
| 79     | EA  | JUNCTION BOX (STANDARD SIZE)  |                   |    |   |
| 30     | EA  | JUNCTION BOX (OVER-SIZED, HEAVY DUTY)                                       |                   |    |   |
| 22     | EA  | WOOD POLE   |                   |    |   |
| 58     | EA  | GUY ASSEMBLY  |                   |    |   |
| 4      | EA  | 1" RISER WITH WEATHERHEAD   |                   |    |   |
| 14     | EA  | 2" RISER WITH WEATHERHEAD   |                   |    |   |
| 4      | EA  | 2" RISER WITH HEAT SHRINK TUBING  |                   |    |   |
| 7,100  | LF  | INDUCTIVE LOOP SAWCUT   |                   |    |   |
| 23,950 | LF  | LEAD-IN CABLE (*****)<br>(14-2)   |                   |    |   |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L220816

005

CONTRACT ID: C204714 45764.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.221 MI

COUNTY : CABARRUS

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 2.00 % COMPLETION DATE : JAN 11, 2025

BRIDGE #22 OVER ROCKY RIVER ON EASTBOUND NC-24 AND NC-27.

ROADWAY ITEMS

|          |     |  |        |     |  |
|----------|-----|--|--------|-----|--|
|          |     |  | 3      | EA  | GUARDRAIL END UNITS, TYPE TL-3                                 |
| Lump Sum | LS  | MOBILIZATION   | 4      | EA  | GUARDRAIL ANCHOR UNITS, TYPE B-77                              |
| Lump Sum | LS  | CONSTRUCTION SURVEYING                                     | 70     | LF  | ** STRAND BARBED WIRE FENCE WITH POSTS (4)                     |
| Lump Sum | LS  | TYPE I STANDARD APPROACH FILL STATION ***** (23+17.00 -L-) | 500    | LF  | RELAPPING GUARDRAIL  |
| Lump Sum | LS  | GRADING  | 13     | TON | RIP RAP, CLASS I   |
| 1        | ACR | SUPPLEMENTARY CLEARING & GRUBBING                          | 150    | TON | RIP RAP, CLASS II  |
| 450      | CY  | UNDERCUT EXCAVATION  | 70     | TON | RIP RAP, CLASS B   |
| 10       | CY  | DRAINAGE DITCH EXCAVATION                                  | 1,750  | SY  | GEOTEXTILE FOR DRAINAGE  |
| 400      | CY  | SELECT GRANULAR MATERIAL                                   | 15     | LF  | SUPPORTS, 3-LB STEEL U-CHANNEL                                 |
| 600      | SY  | GEOTEXTILE FOR SOIL STABILIZATION                          | 1      | EA  | SIGN ERECTION, TYPE D  |
| 110      | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES         | 1      | EA  | DISPOSAL OF SIGN SYSTEM, U-CHANNEL                             |
| 330      | SY  | FOUNDATION CONDITIONING GEOTEXTILE                         | 176    | SF  | WORK ZONE SIGNS (STATIONARY)                                   |
| 88       | LF  | 15" DRAINAGE PIPE  | 28     | SF  | WORK ZONE SIGNS (BARRICADE MOUNTED)                            |
| 96       | LF  | 42" DRAINAGE PIPE  | 400    | EA  | DRUMS  |
| 4        | EA  | *** DRAINAGE PIPE ELBOWS (15")                             | 32     | LF  | BARRICADES (TYPE III)  |
| 2        | EA  | *** DRAINAGE PIPE ELBOWS (42")                             | 2      | EA  | TMA  |
| 20       | LF  | 15" RC PIPE CULVERTS, CLASS III                            | 1,900  | LF  | GENERIC TRAFFIC CONTROL ITEM TEMPORARY ASPHALT ISLAND          |
| 68       | LF  | 36" RC PIPE CULVERTS, CLASS III                            | 4,775  | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)             |
| 20       | LF  | 42" RC PIPE CULVERTS, CLASS III                            | 2,475  | LF  | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II) |
| 36       | LF  | 15" RC PIPE CULVERTS, CLASS IV                             | 14,025 | LF  | PAINT PAVEMENT MARKING LINES (4")                              |
| 568      | LF  | 18" RC PIPE CULVERTS, CLASS IV                             | 11,257 | LF  | REMOVAL OF PAVEMENT MARKING LINES (4")                         |
| 76       | LF  | 30" RC PIPE CULVERTS, CLASS IV                             | 14     | EA  | PERMANENT RAISED PAVEMENT MARKERS                              |
| 982      | LF  | PIPE REMOVAL   | 2,950  | LF  | TEMPORARY SILT FENCE   |
| 100      | CY  | SHALLOW UNDERCUT   | 255    | TON | STONE FOR EROSION CONTROL, CLASS A                             |
| 200      | TON | CLASS IV SUBGRADE STABILIZATION                            | 170    | TON | STONE FOR EROSION CONTROL, CLASS B                             |
| 530      | TON | AGGREGATE BASE COURSE                                      | 570    | TON | SEDIMENT CONTROL STONE   |
| 100      | TON | INCIDENTAL STONE BASE                                      | 0.5    | ACR | TEMPORARY MULCHING   |
| 450      | SY  | MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")              | 100    | LB  | SEED FOR TEMPORARY SEEDING                                     |
| 170      | SY  | INCIDENTAL MILLING   | 0.5    | TON | FERTILIZER FOR TEMPORARY SEEDING                               |
| 500      | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C                      | 200    | LF  | TEMPORARY SLOPE DRAINS   |
| 480      | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C              | 320    | LF  | SAFETY FENCE   |
| 610      | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C                    | 420    | CY  | SILT EXCAVATION  |
| 85       | TON | ASPHALT BINDER FOR PLANT MIX                               | 7,740  | SY  | MATTING FOR EROSION CONTROL                                    |
| 44.8     | CY  | SUBDRAIN EXCAVATION  | 300    | SY  | COIR FIBER MAT   |
| 200      | SY  | GEOTEXTILE FOR SUBSURFACE DRAINS                           | 240    | SY  | PERMANENT SOIL REINFORCEMENT MAT                               |
| 33.6     | CY  | SUBDRAIN COARSE AGGREGATE                                  | 300    | LF  | 1/4" HARDWARE CLOTH  |
| 200      | LF  | 6" PERFORATED SUBDRAIN PIPE                                | 65     | LF  | *** TEMPORARY PIPE (15")                                       |
| 1        | EA  | SUBDRAIN PIPE OUTLET                                       | 600    | SY  | FLOATING TURBIDITY CURTAIN                                     |
| 6        | LF  | 6" OUTLET PIPE   | 14     | EA  | SPECIAL STILLING BASINS  |
| 13       | EA  | MASONRY DRAINAGE STRUCTURES                                | 540    | LF  | COIR FIBER WATTLE  |
| 11.9     | LF  | MASONRY DRAINAGE STRUCTURES                                | 75     | LB  | POLYACRYLAMIDE (PAM)   |
| 2        | EA  | FRAME WITH TWO GRATES, STD 840.16                          | 0.5    | ACR | SEEDING & MULCHING   |
| 5        | EA  | FRAME WITH TWO GRATES, STD 840.20                          | 0.5    | ACR | MOWING   |
| 5        | EA  | FRAME WITH TWO GRATES, STD 840.22                          | 50     | LB  | SEED FOR REPAIR SEEDING  |
| 2        | EA  | FRAME WITH COVER, STD 840.54                               | 0.25   | TON | FERTILIZER FOR REPAIR SEEDING                                  |
| 94       | LF  | SHOULDER BERM GUTTER                                       | 50     | LB  | SEED FOR SUPPLEMENTAL SEEDING                                  |
| 1        | EA  | CONVERT EXISTING DROP INLET TO JUNCTION BOX                | 0.25   | TON | FERTILIZER TOPDRESSING   |
| 412.5    | LF  | STEEL BEAM GUARDRAIL                                       | 300    | LF  | IMPERVIOUS DIKE  |
| 10       | EA  | ADDITIONAL GUARDRAIL POSTS                                 | 10     | MHR | SPECIALIZED HAND MOWING  |
| 1        | EA  | GUARDRAIL END UNITS, TYPE CAT-1                            | 8      | MHR | MANUAL LITTER REMOVAL  |

|          |     |  |
|----------|-----|--|
| 0.1      | TON | LITTER DISPOSAL  |
| 25       | EA  | RESPONSE FOR EROSION CONTROL   |
| 2        | EA  | CONCRETE WASHOUT STRUCTURE   |
|          |     | <b>STRUCTURE ITEMS</b>   |
| Lump Sum | LS  | CONSTRUCTION, MAINTENANCE, &<br>REMOVAL OF TEMP ACCESS AT STA<br>*****<br>(23+17.00 -L-) |
| Lump Sum | LS  | REMOVAL OF EXISTING STRUCTURE AT<br>STATION *****<br>(23+17.00 -L-)                      |
| Lump Sum | LS  | ASBESTOS ASSESSMENT  |
| 35       | LF  | PILE EXCAVATION IN SOIL  |
| 35       | LF  | PILE EXCAVATION NOT IN SOIL  |
| 136.2    | LF  | 4'-0" DIA DRILLED PIERS IN SOIL  |
| 218      | LF  | 4'-0" DIA DRILLED PIERS NOT IN SOIL  |
| 48.8     | LF  | PERMANENT STEEL CASING FOR 4'-0" DIA<br>DRILLED PIER                                     |
| 3        | EA  | SID INSPECTIONS  |
| 9        | EA  | SPT TESTING  |
| 1        | EA  | CSL TESTING  |
| Lump Sum | LS  | UNCLASSIFIED STRUCTURE EXCAVATION<br>AT STATION *****<br>(23+17.00 -L-)                  |
| 20,834   | SF  | REINFORCED CONCRETE DECK SLAB  |
| 19,147.4 | SF  | GROOVING BRIDGE FLOORS   |
| 336.4    | CY  | CLASS A CONCRETE (BRIDGE)  |
| Lump Sum | LS  | BRIDGE APPROACH SLABS, STATION<br>*****<br>(23+17.00 -L-)                                |
| 97,025   | LB  | REINFORCING STEEL (BRIDGE)   |
| 18,678   | LB  | SPIRAL COLUMN REINFORCING STEEL<br>(BRIDGE)  |
| 2,052.7  | LF  | 54" PRESTRESSED CONCRETE GIRDERS   |
| 14       | EA  | PILE DRIVING EQUIPMENT SETUP FOR ***<br>STEEL PILES<br>(HP 12 X 53)                      |
| 300      | LF  | HP 12 X 53 STEEL PILES   |
| 1,075.2  | LF  | CONCRETE BARRIER RAIL  |
| 1,000    | TON | RIP RAP CLASS II (2'-0" THICK)   |
| 1,110    | SY  | GEOTEXTILE FOR DRAINAGE  |
| Lump Sum | LS  | ELASTOMERIC BEARINGS   |
| Lump Sum | LS  | EXPANSION JOINT SEALS  |

CONTRACT ID : C204730 48320.3.1

DIV OFFICE SHELBY

LENGTH =

COUNTY : GASTON

ITS AND SIGNALS.

DBE GOAL 0.00 % COMPLETION DATE : MAY 01, 2025

GASTONIA CITYWIDE SIGNAL SYSTEM UPGRADE AND CCTV CAMERAS.

| ROADWAY ITEMS |    |  |       |    |   |  |
|---------------|----|--|-------|----|---|--|
|               |    |  | 2     | EA | MODIFY FOUNDATION FOR CONTROLLER CABINET  |  |
| Lump Sum      | LS | MOBILIZATION   | 1,097 | EA | DETECTOR CARD (TYPE 2070L)  |  |
| 3             | SY | 4" CONCRETE SIDEWALK   | 135   | EA | CABINET BASE EXTENDER   |  |
| Lump Sum      | LS | TEMPORARY TRAFFIC CONTROL                                    | 1     | EA | CABINET BASE ADAPTER  |  |
| 2,000         | HR | LAW ENFORCEMENT  | 1     | EA | GENERIC SIGNAL ITEM BACKUP STORAGE SERVER   |  |
| 200           | LF | GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN CHANNELIZING DEVICES | 3     | EA | GENERIC SIGNAL ITEM CCTV WOOD POLE  |  |
| Lump Sum      | LS | PORTABLE LIGHTING  | 3     | EA | GENERIC SIGNAL ITEM COMPUTER WORKSTATION  |  |
| 132           | EA | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)          | 144   | EA | GENERIC SIGNAL ITEM CONTROLLER WITH CABINET AND AUX FILE (2070LX, 332 BASE MOUNTED) |  |
| 49,736        | LF | SIGNAL CABLE   | 1     | EA | GENERIC SIGNAL ITEM CORE ETHERNET SWITCH  |  |
| 91            | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION)                         | 30    | EA | GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY                                    |  |
| 20            | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION)                         | 1     | EA | GENERIC SIGNAL ITEM DISTRIBUTED PROCESSING SIGNAL SYSTEM SERVER                     |  |
| 8             | EA | VEHICLE SIGNAL HEAD (12", 5 SECTION)                         | 1     | EA | GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET   |  |
| 30            | EA | BACKPLATE  | 154   | EA | GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH   |  |
| 5             | EA | LOUVER   | 3     | EA | GENERIC SIGNAL ITEM FURNISH 2070-1C CPU MODULE                                      |  |
| 19            | EA | MODIFY EXISTING VEHICLE SIGNAL HEAD                          | 3     | EA | GENERIC SIGNAL ITEM FURNISH 2070LX CONTROLLER                                       |  |
| 58,250        | LF | MESSENGER CABLE (1/4")                                       | 3     | EA | GENERIC SIGNAL ITEM FURNISH AC ISOLATOR CARD  |  |
| 22,135        | LF | TRACER WIRE  | 3     | EA | GENERIC SIGNAL ITEM FURNISH BASE MOUNT 332 CABINET                                  |  |
| 451           | LF | PAVED TRENCHING (***** (2, 2")                               | 2     | EA | GENERIC SIGNAL ITEM FURNISH CCTV ASSEMBLY   |  |
| 355           | LF | UNPAVED TRENCHING (***** (1, 2")                             | 1     | EA | GENERIC SIGNAL ITEM FURNISH CCTV CABINET  |  |
| 12,800        | LF | UNPAVED TRENCHING (***** (2, 2")                             | 3     | EA | GENERIC SIGNAL ITEM FURNISH CONFLICT MONITOR  |  |
| 14,170        | LF | DIRECTIONAL DRILL (***** (2, 2")                             | 3     | EA | GENERIC SIGNAL ITEM FURNISH CONFLICT MONITOR TESTER                                 |  |
| 7             | EA | JUNCTION BOX (***** (SPECIAL OVERSIZED, HEAVY DUTY)          | 6     | EA | GENERIC SIGNAL ITEM FURNISH DC ISOLATOR CARD  |  |
| 54            | EA | JUNCTION BOX (STANDARD SIZE)                                 | 3     | EA | GENERIC SIGNAL ITEM FURNISH DETECTOR CARD   |  |
| 85            | EA | JUNCTION BOX (OVER-SIZED, HEAVY DUTY)                        | 3     | EA | GENERIC SIGNAL ITEM FURNISH FIELD ETHERNET SWITCH                                   |  |
| 330           | EA | GUY ASSEMBLY   | 3     | EA | GENERIC SIGNAL ITEM FURNISH FLASH TRANSFER RELAY                                    |  |
| 4             | EA | 1/2" RISER WITH WEATHERHEAD                                  | 3     | EA | GENERIC SIGNAL ITEM FURNISH FLASHER MODULE  |  |
| 14            | EA | 1" RISER WITH WEATHERHEAD                                    | 3     | EA | GENERIC SIGNAL ITEM FURNISH INTERCONNECT CENTER                                     |  |
| 7             | EA | 2" RISER WITH WEATHERHEAD                                    | 3     | EA | GENERIC SIGNAL ITEM FURNISH LOAD SWITCH   |  |
| 94            | EA | HEAT SHRINK TUBING RETROFIT KIT                              | 5     | EA | GENERIC SIGNAL ITEM FURNISH SPLICE ENCLOSURE  |  |
| 96            | EA | 2" RISER WITH HEAT SHRINK TUBING                             | 5     | EA | GENERIC SIGNAL ITEM FURNISH ST PIGTAILS   |  |
| 3,276         | LF | INDUCTIVE LOOP SAWCUT  | 10    | EA | GENERIC SIGNAL ITEM FURNISH ST-LC HYBRID JUMPERS                                    |  |
| 113,697       | LF | LEAD-IN CABLE (***** (14-2)                                  | 3     | EA | GENERIC SIGNAL ITEM FURNISH SURGE PROTECTOR   |  |
| 129,035       | LF | COMMUNICATIONS CABLE (** FIBER) (24)                         | 1     | EA | GENERIC SIGNAL ITEM FURNISH TEST CABINET AND CONTROLLER                             |  |
| 153,510       | LF | COMMUNICATIONS CABLE (** FIBER) (48)                         | 1     | EA | GENERIC SIGNAL ITEM INSTALL CELLULAR MODEM AND ANTENNA                              |  |
| 64,515        | LF | COMMUNICATIONS CABLE (** FIBER) (72)                         | 1     | EA | GENERIC SIGNAL ITEM INTEGRATED CABINET BASE ADAPTER                                 |  |
| 65,285        | LF | DROP CABLE   | 7     | EA | GENERIC SIGNAL ITEM JUNCTION BOX MARKER   |  |
| 153           | EA | SPLICE ENCLOSURE   | 3     | EA | GENERIC SIGNAL ITEM LAPTOP COMPUTER   |  |
| 3             | EA | MODIFY SPLICE ENCLOSURE                                      | 9     | EA | GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE                              |  |
| 150           | EA | INTERCONNECT CENTER  |       |    |   |  |
| 85            | EA | DELINEATOR MARKER  |       |    |   |  |
| 1             | EA | NEW ELECTRICAL SERVICE                                       |       |    |   |  |
| 9,330         | LF | REMOVE EXISTING COMMUNICATIONS CABLE                         |       |    |   |  |
| 5             | EA | CABLE TRANSFER   |       |    |   |  |
| 24            | EA | SIGN FOR SIGNALS   |       |    |   |  |
| 15            | EA | TYPE I POST WITH FOUNDATION                                  |       |    |   |  |
| 56            | EA | TYPE II PEDESTAL WITH FOUNDATION                             |       |    |   |  |
| 9             | EA | SIGNAL CABINET FOUNDATION                                    |       |    |   |  |
| 5             | EA | CONDUIT ENTRANCE INTO EXISTING FOUNDATION                    |       |    |   |  |

|          |    |  |
|----------|----|--|
| 1        | EA | GENERIC SIGNAL ITEM<br>RACK CABINET  |
| 1        | EA | GENERIC SIGNAL ITEM<br>REMOTE ACCESS SERVER                                |
| 1        | EA | GENERIC SIGNAL ITEM<br>REMOVE AND REPLACE TRAFFIC SIGNAL<br>SPAN POLE      |
| 14       | EA | GENERIC SIGNAL ITEM<br>REMOVE EXISTING CCTV ASSEMBLY                       |
| 10       | EA | GENERIC SIGNAL ITEM<br>REMOVE EXISTING CCTV CABINET                        |
| 11       | EA | GENERIC SIGNAL ITEM<br>REMOVE EXISTING CCTV ELECTRICAL<br>SERVICE          |
| 2        | EA | GENERIC SIGNAL ITEM<br>REMOVE EXISTING TERMINAL SPLICE<br>CABINET          |
| 1        | EA | GENERIC SIGNAL ITEM<br>SIGNAL SYSTEM COMMUNICATIONS<br>SERVER              |
| 11       | EA | GENERIC SIGNAL ITEM<br>UPGRADE CCTV LIGHTNING PROTECTION                   |
| 50       | EA | GENERIC SIGNAL ITEM<br>VEHICLE PREEMPTION SYSTEM<br>INTERSECTION EQUIPMENT |
| 1        | EA | GENERIC SIGNAL ITEM<br>VEHICLE PREEMPTION SYSTEM SERVER                    |
| 1        | EA | GENERIC SIGNAL ITEM<br>VIDEO MANAGEMENT SYSTEM SERVER                      |
| 1        | EA | GENERIC SIGNAL ITEM<br>VPN FIREWALL  |
| 6        | EA | GENERIC SIGNAL ITEM<br>WIRELESS ETHERNET RADIO SYSTEM                      |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>BUILDING MODIFICATIONS                              |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>COMPUTER HARDWARE INTEGRATION                       |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>ENTERPRISE VIDEO MANAGEMENT<br>SYSTEM SOFTWARE      |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>LAN INTEGRATION                                     |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>NETWORK PERFORMANCE MANAGEMENT<br>SOFTWARE          |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>SIGNAL SYSTEM SOFTWARE                              |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>TRAINING  |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>VEHICLE PREEMPTION SYSTEM SOFTWARE                  |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>VIDEO WALL SYSTEM (6 MONITORS)                      |
| Lump Sum | LS | GENERIC SIGNAL ITEM<br>VIDEO WALL SYSTEM (8 MONITORS)                      |
| 2,500    | LF | GENERIC SIGNAL ITEM<br>CABLE PROTECTOR                                     |
| 4,380    | LF | GENERIC SIGNAL ITEM<br>POE CABLE   |



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L220816

007

CONTRACT ID : C204731 32572.3.13

DIV OFFICE SYLVA

LENGTH = 3.727 MI

COUNTY : GRAHAM

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 6.00 % COMPLETION DATE : FEB 28, 2027

US-129 FROM SOUTH OF SR-1275 (FIVE POINTS RD) TO NC-143 AND NC-143 FROM US-129 TO SR-1223 (BEECH CREEK RD).

|          |     | ROADWAY ITEMS  |          |     |   |
|----------|-----|--|----------|-----|---|
|          |     |  | 476      | LF  | 24" RC PIPE CULVERTS, CLASS IV  |
| Lump Sum | LS  | MOBILIZATION   | 540      | LF  | 30" RC PIPE CULVERTS, CLASS IV  |
| Lump Sum | LS  | CONSTRUCTION SURVEYING   | 84       | LF  | 36" RC PIPE CULVERTS, CLASS IV  |
| Lump Sum | LS  | CLEARING & GRUBBING .. ACRE(S)   | 44       | LF  | *** CS PIPE CULVERTS, ***** THICK (36", 0.079")                       |
| 1        | ACR | SUPPLEMENTARY CLEARING & GRUBBING  | 40       | LF  | *** CS PIPE CULVERTS, ***** THICK (48", 0.109")                       |
| 3        | EA  | SEALING ABANDONED WELLS  | 32       | LF  | *** CS PIPE CULVERTS, ***** THICK (54", 0.109")                       |
| 84,000   | CY  | UNCLASSIFIED EXCAVATION  | 16       | LF  | *** CS PIPE CULVERTS, ***** THICK (60", 0.138")                       |
| 12,500   | CY  | UNDERCUT EXCAVATION  | 72       | LF  | *** CS PIPE CULVERTS, ***** THICK (66", 0.138")                       |
| 44,000   | CY  | BORROW EXCAVATION  | 96       | LF  | *** CS PIPE CULVERTS, ***** THICK (96", 0.168")                       |
| 1,370    | CY  | DRAINAGE DITCH EXCAVATION  | 1,336    | LF  | 15" CS PIPE CULVERTS, 0.064" THICK                                    |
| 960      | LF  | BERM DITCH CONSTRUCTION  | 432      | LF  | 18" CS PIPE CULVERTS, 0.064" THICK                                    |
| 8,030    | SY  | REMOVAL OF EXISTING ASPHALT PAVEMENT                                     | 216      | LF  | 24" CS PIPE CULVERTS, 0.064" THICK                                    |
| 13,500   | CY  | SELECT GRANULAR MATERIAL, CLASS III                                      | 460      | LF  | 30" CS PIPE CULVERTS, 0.079" THICK                                    |
| 19,600   | SY  | GEOTEXTILE FOR SOIL STABILIZATION  | 45       | EA  | *** CS PIPE ELBOWS, ***** THICK (15", 0.064")                         |
| 1,200    | SF  | TEMPORARY SHORING  | 5        | EA  | *** CS PIPE ELBOWS, ***** THICK (18", 0.064")                         |
| 4,240    | SY  | ROCK PLATING   | 5        | EA  | *** CS PIPE ELBOWS, ***** THICK (24", 0.064")                         |
| 3,850    | CY  | GENERIC GRADING ITEM UNDERCUT EXCAVATION FOR TOE SHEAR KEY               | 4        | EA  | *** CS PIPE ELBOWS, ***** THICK (30", 0.079")                         |
| 1,600    | SY  | GENERIC GRADING ITEM GEOTEXTILE FOR GABION EROSION PROTECTION            | 140      | LF  | *** X *** CS PIPE ARCH CULVERTS, ***** THICK (103" X 71", 0.109")     |
| 1,000    | SY  | GENERIC GRADING ITEM GEOTEXTILE FOR ROCK FILL                            | 48       | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500")     |
| 2,700    | SY  | GENERIC GRADING ITEM GEOTEXTILE FOR TOE SHEAR KEY                        | 262      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500")     |
| 50       | TON | GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL | 80       | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")     |
| 2,000    | TON | GENERIC GRADING ITEM ROCK FILL FOR EMBANKMENT STABILIZATION              | 90       | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (54", 0.750")     |
| 500      | TON | GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI FOR ROCK FILL             | 66       | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (66", 0.875")     |
| 1,100    | TON | GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI FOR TOE SHEAR KEY         | 48       | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500") |
| 6,750    | TON | GENERIC GRADING ITEM SELECT MATERIAL, CLASS VII FOR TOE SHEAR KEY        | 262      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500") |
| 2,730    | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES                       | 80       | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500") |
| 8,480    | SY  | FOUNDATION CONDITIONING GEOTEXTILE                                       | 90       | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (54", 0.750") |
| 44       | LF  | 12" DRAINAGE PIPE  | 66       | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (66", 0.875") |
| 256      | LF  | 24" DRAINAGE PIPE  | 68       | LF  | GENERIC PIPE ITEM   |
| 360      | LF  | 30" DRAINAGE PIPE  | 12       | LF  | 6" DI PIPE CULVERTS (SPRING BOX)                                      |
| 520      | LF  | 15" SIDE DRAIN PIPE  | 12       | LF  | GENERIC PIPE ITEM   |
| 180      | LF  | 18" SIDE DRAIN PIPE  | 6        | LF  | 6" PVC PIPE CULVERTS (SPRING BOX)                                     |
| 44       | LF  | 24" SIDE DRAIN PIPE  | 4,177    | LF  | PIPE REMOVAL  |
| 24       | LF  | 15" RC PIPE CULVERTS, CLASS III  | Lump Sum | LS  | FINE GRADING  |
| 340      | LF  | 18" RC PIPE CULVERTS, CLASS III  | 1,000    | CY  | SHALLOW UNDERCUT  |
| 516      | LF  | 24" RC PIPE CULVERTS, CLASS III  | 7,800    | TON | CLASS IV SUBGRADE STABILIZATION                                       |
| 960      | LF  | 30" RC PIPE CULVERTS, CLASS III  | 600      | TON | STABILIZER AGGREGATE  |
| 628      | LF  | 36" RC PIPE CULVERTS, CLASS III  | 13,400   | SY  | GEOTEXTILE FOR PAVEMENT STABILIZATION                                 |
| 212      | LF  | 48" RC PIPE CULVERTS, CLASS III  | 3,895    | TON | AGGREGATE BASE COURSE   |
| 92       | LF  | 54" RC PIPE CULVERTS, CLASS III  | 8,000    | TON | INCIDENTAL STONE BASE   |
| 120      | LF  | 60" RC PIPE CULVERTS, CLASS III  |          |     |   |
| 92       | LF  | ***** RC PIPE CULVERTS, CLASS IV (48")                                   |          |     |   |
| 72       | LF  | ***** RC PIPE CULVERTS, CLASS IV (60")                                   |          |     |   |
| 5,256    | LF  | 15" RC PIPE CULVERTS, CLASS IV   |          |     |   |
| 824      | LF  | 18" RC PIPE CULVERTS, CLASS IV   |          |     |   |

|        |     |   |         |     |  |
|--------|-----|---|---------|-----|--|
| 1,825  | SY  | MILLING ASPHALT PAVEMENT, **** TO *****<br>(0" TO 1-1/2")                           | 4       | EA  | GUARDRAIL END UNITS, TYPE AT-1   |
| 8,000  | SY  | MILLING ASPHALT PAVEMENT, **** TO *****<br>(0" TO 3")                               | 55      | EA  | GUARDRAIL END UNITS, TYPE TL-3   |
| 1,000  | SY  | INCIDENTAL MILLING  | 5       | EA  | GUARDRAIL END UNITS, TYPE TL-2   |
| 16,500 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C   | 3       | EA  | GUARDRAIL ANCHOR UNITS, TYPE B-77  |
| 14,900 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C                                       | 262.5   | LF  | REMOVE & RESET EXISTING GUARDRAIL  |
| 26,800 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C   | 15,030  | LF  | REMOVE EXISTING GUARDRAIL  |
| 3,000  | TON | ASPHALT BINDER FOR PLANT MIX  | 1,900   | LF  | TEMPORARY STEEL BEAM GUARDRAIL   |
| 6,000  | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR  | 312.5   | LF  | TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED)   |
| 560    | CY  | SUBDRAIN EXCAVATION   | 2       | EA  | TEMPORARY GUARDRAIL END UNITS, TYPE *****<br>(TL-2)  |
| 2,500  | SY  | GEOTEXTILE FOR SUBSURFACE DRAINS  | 9       | EA  | TEMPORARY GUARDRAIL END UNITS, TYPE *****<br>(TL-3)  |
| 420    | CY  | SUBDRAIN COARSE AGGREGATE   | 1,000   | LF  | WOVEN WIRE FENCE RESET   |
| 2,500  | LF  | 6" PERFORATED SUBDRAIN PIPE   | 899     | LF  | GENERIC FENCING ITEM<br>BLACK VINYL COATED CHAIN LINK FENCE, 48" FABRIC                          |
| 5      | EA  | SUBDRAIN PIPE OUTLET  | 683     | LF  | GENERIC FENCING ITEM<br>BLACK VINYL COATED CHAIN LINK FENCE, 72" FABRIC                          |
| 30     | LF  | 6" OUTLET PIPE  | 365     | LF  | GENERIC FENCING ITEM<br>STEEL PIPE HANDRAIL  |
| 32.9   | CY  | ENDWALLS  | 2       | EA  | GENERIC FENCING ITEM<br>BLACK VINYL COATED DOUBLE GATES, 72" HIGH, 8' WIDE, 16' OPENING          |
| 58.9   | CY  | REINFORCED ENDWALLS   | 4       | EA  | GENERIC FENCING ITEM<br>BLACK VINYL COATED METAL GATE POST FOR 72" CHAIN LINK FENCE, DOUBLE GATE |
| 0.893  | CY  | PIPE COLLARS  | 93      | EA  | GENERIC FENCING ITEM<br>BLACK VINYL COATED METAL LINE POST FOR 48" CHAIN LINK FENCE              |
| 4.481  | CY  | PIPE PLUGS  | 73      | EA  | GENERIC FENCING ITEM<br>BLACK VINYL COATED METAL LINE POST FOR 72" CHAIN LINK FENCE              |
| 223    | CY  | FLOWABLE FILL   | 120     | EA  | GENERIC FENCING ITEM<br>BLACK VINYL COATED METAL TERMINAL POST FOR 48" CHAIN LINK FENCE          |
| 171    | EA  | MASONRY DRAINAGE STRUCTURES   | 92      | EA  | GENERIC FENCING ITEM<br>BLACK VINYL COATED METAL TERMINAL POST FOR 72" CHAIN LINK FENCE          |
| 16,084 | CY  | MASONRY DRAINAGE STRUCTURES   | 1,930   | TON | RIP RAP, CLASS I   |
| 132.3  | LF  | MASONRY DRAINAGE STRUCTURES   | 2,000   | TON | RIP RAP, CLASS II  |
| 1      | EA  | FRAME WITH TWO GRATES, STD 840.16   | 850     | TON | RIP RAP, CLASS A   |
| 52     | EA  | FRAME WITH TWO GRATES, STD 840.20   | 1,060   | TON | RIP RAP, CLASS B   |
| 36     | EA  | FRAME WITH TWO GRATES, STD 840.22   | 7,100   | SY  | GEOTEXTILE FOR DRAINAGE  |
| 7      | EA  | FRAME WITH TWO GRATES, STD 840.24   | 16,400  | SF  | GENERIC EROSION CONTROL ITEM<br>GABION EROSION PROTECTION  |
| 2      | EA  | FRAME WITH TWO GRATES, STD 840.29   | 1,600   | LF  | SUPPORTS, 3-LB STEEL U-CHANNEL   |
| 4      | EA  | FRAME WITH GRATE & HOOD, STD 840.03, TYPE **<br>(E)                                 | 18      | EA  | SIGN ERECTION, TYPE D  |
| 19     | EA  | FRAME WITH GRATE & HOOD, STD 840.03, TYPE **<br>(F)                                 | 61      | EA  | SIGN ERECTION, TYPE E  |
| 19     | EA  | FRAME WITH GRATE & HOOD, STD 840.03, TYPE **<br>(G)                                 | 7       | EA  | SIGN ERECTION, TYPE F  |
| 25     | EA  | FRAME WITH COVER, STD 840.54  | 4       | EA  | SIGN ERECTION, RELOCATE TYPE ****<br>(GROUND MOUNTED)<br>(D)                                     |
| 2      | EA  | CONCRETE TRANSITIONAL SECTION FOR DROP INLET  | 1       | EA  | SIGN ERECTION, RELOCATE TYPE ****<br>(GROUND MOUNTED)<br>(E)                                     |
| 3      | EA  | GENERIC DRAINAGE ITEM<br>DE-WATERING  | 58      | EA  | DISPOSAL OF SIGN SYSTEM, U-CHANNEL   |
| 240    | LF  | GENERIC DRAINAGE ITEM<br>18" PIPE REHABILITATION CIPP LINER                         | 4       | EA  | DISPOSAL OF SUPPORT, U-CHANNEL   |
| 148    | LF  | GENERIC DRAINAGE ITEM<br>54" PIPE REHABILITATION CIPP LINER                         | 4       | EA  | DISPOSAL OF SIGN, D, E OR F  |
| 388    | LF  | GENERIC DRAINAGE ITEM<br>PRE-INSTALLATION INSPECTION                                | 368     | SF  | WORK ZONE SIGNS (STATIONARY)   |
| 300    | LF  | *** X *** CONCRETE CURB<br>(8" X 12")   | 400     | SF  | WORK ZONE SIGNS (PORTABLE)   |
| 100    | LF  | 1'-6" CONCRETE CURB & GUTTER  | 236     | SF  | WORK ZONE SIGNS (BARRICADE MOUNTED)  |
| 6,750  | LF  | 2'-6" CONCRETE CURB & GUTTER  | 1,350   | EA  | DRUMS  |
| 5,725  | LF  | SHOULDER BERM GUTTER  | 150     | EA  | CONES  |
| 1,475  | LF  | CONCRETE EXPRESSWAY GUTTER  | 344     | LF  | BARRICADES (TYPE III)  |
| 2,400  | SY  | 4" CONCRETE SIDEWALK  | 40      | LF  | PEDESTRIAN CHANNELIZING DEVICES  |
| 41     | EA  | CONCRETE CURB RAMPS   | 2,520   | DAY | FLAGGER  |
| 790    | SY  | 6" CONCRETE DRIVEWAY  | 6       | EA  | TEMPORARY CRASH CUSHIONS   |
| 160    | SY  | 4" CONCRETE PAVED DITCH   | 645     | LF  | PORTABLE CONCRETE BARRIER (ANCHORED)   |
| 80     | SY  | 5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)                                    | 48      | HR  | LAW ENFORCEMENT  |
| 130    | LF  | PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED                                   | 140     | EA  | TEMPORARY RAISED PAVEMENT MARKERS  |
| 530    | LF  | GENERIC PAVING ITEM<br>PRECAST REINFORCED CONCRETE BARRIER - SINGLE FACED (STAINED) | 137,707 | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)   |
| 1      | EA  | CONVERT EXISTING CATCH BASIN TO DROP INLET  | 778     | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)   |
| 13,675 | LF  | STEEL BEAM GUARDRAIL  | 1,602   | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)  |
| 550    | LF  | STEEL BEAM GUARDRAIL, SHOP CURVED   |         |     |  |
| 80     | EA  | EXTRA LENGTH GUARDRAIL POST (** STEEL)<br>(8')                                      |         |     |  |
| 10     | EA  | ADDITIONAL GUARDRAIL POSTS  |         |     |  |

|         |     |   |          |     |   |
|---------|-----|---|----------|-----|---|
| 1,646   | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | 15       | ACR | REFORESTATION   |
| 12      | EA  | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)  | 12       | EA  | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE            |
| 73      | EA  | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)     | 36       | EA  | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT   |
| 46,859  | LF  | PAINT PAVEMENT MARKING LINES (4")                   | 14       | EA  | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)                           |
| 700     | LF  | PAINT PAVEMENT MARKING LINES (8")                   | 10,380   | LF  | SIGNAL CABLE  |
| 392     | LF  | PAINT PAVEMENT MARKING LINES (24")                  | 46       | EA  | VEHICLE SIGNAL HEAD (12", 3 SECTION)  |
| 15      | EA  | PAINT PAVEMENT MARKING SYMBOL                       | 17       | EA  | VEHICLE SIGNAL HEAD (12", 4 SECTION)  |
| 1,500   | LF  | REMOVAL OF PAVEMENT MARKING LINES (4")              | 1,150    | LF  | MESSENGER CABLE (3/8")  |
| 849     | EA  | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER          | 5,000    | LF  | TRACER WIRE   |
| 40      | LF  | 2" WATER LINE                                       | 1,160    | LF  | UNPAVED TRENCHING (*****<br>(1, 2")   |
| 5,668   | LF  | 6" WATER LINE                                       | 800      | LF  | UNPAVED TRENCHING (*****<br>(2, 2")   |
| 1,052   | LF  | 8" WATER LINE                                       | 1,100    | LF  | DIRECTIONAL DRILL (*****<br>(1, 2")   |
| 1,525   | LF  | 12" WATER LINE                                      | 4,200    | LF  | DIRECTIONAL DRILL (*****<br>(2, 2")   |
| 15,400  | LB  | DUCTILE IRON WATER PIPE FITTINGS                    | 22       | EA  | JUNCTION BOX (STANDARD SIZE)  |
| 8       | EA  | 2" VALVE  | 8        | EA  | JUNCTION BOX (OVER-SIZED, HEAVY DUTY)   |
| 14      | EA  | 6" VALVE  | 5        | EA  | WOOD POLE   |
| 3       | EA  | 8" VALVE  | 18       | EA  | GUY ASSEMBLY  |
| 7       | EA  | 12" VALVE   | 1        | EA  | 1/2" RISER WITH WEATHERHEAD   |
| 1       | EA  | 2" BLOW OFF   | 3        | EA  | 1" RISER WITH WEATHERHEAD   |
| 10      | EA  | RELOCATE WATER METER                                | 3        | EA  | 2" RISER WITH WEATHERHEAD   |
| 12      | EA  | RECONNECT WATER METER                               | 2,800    | LF  | INDUCTIVE LOOP SAWCUT   |
| 6       | EA  | RELOCATE FIRE HYDRANT                               | 6,030    | LF  | LEAD-IN CABLE (*****<br>(14-2)  |
| 110     | LF  | FIRE HYDRANT LEG                                    | 5,600    | LF  | COMMUNICATIONS CABLE (** FIBER)<br>(24)                                       |
| 455     | LF  | *** WATER SERVICE LINE<br>(2")                      | 600      | LF  | DROP CABLE  |
| 565     | LF  | WATER SERVICE LINE                                  | 5        | EA  | SPLICE ENCLOSURE  |
| 1,495   | LF  | ABANDON 12" UTILITY PIPE                            | 5        | EA  | INTERCONNECT CENTER   |
| 415     | LF  | 18" ENCASEMENT PIPE                                 | 12       | EA  | DELINEATOR MARKER   |
| 80      | LF  | 24" ENCASEMENT PIPE                                 | 4        | EA  | METAL POLE WITH SINGLE MAST ARM   |
| 51,575  | LF  | TEMPORARY SILT FENCE                                | 2        | EA  | METAL POLE WITH DUAL MAST ARM   |
| 3,575   | TON | STONE FOR EROSION CONTROL, CLASS A                  | 7        | EA  | SOIL TEST   |
| 12,255  | TON | STONE FOR EROSION CONTROL, CLASS B                  | 42       | CY  | DRILLED PIER FOUNDATION   |
| 7,080   | TON | SEDIMENT CONTROL STONE                              | 7        | EA  | MAST ARM WITH METAL POLE DESIGN   |
| 84.5    | ACR | TEMPORARY MULCHING                                  | 3        | EA  | SIGN FOR SIGNALS  |
| 3,400   | LB  | SEED FOR TEMPORARY SEEDING                          | 11       | EA  | TYPE II PEDESTAL WITH FOUNDATION  |
| 18.5    | TON | FERTILIZER FOR TEMPORARY SEEDING                    | 1        | EA  | TYPE III PEDESTAL WITH FOUNDATION   |
| 5,890   | LF  | TEMPORARY SLOPE DRAINS                              | 3        | EA  | SIGNAL CABINET FOUNDATION   |
| 19,200  | LF  | SAFETY FENCE  | 3        | EA  | CONTROLLERS WITH CABINET<br>(*****<br>(TYPE 2070LX, BASE MOUNTED)             |
| 84,450  | CY  | SILT EXCAVATION                                     | 20       | EA  | DETECTOR CARD (TYPE 170)  |
| 209,150 | SY  | MATTING FOR EROSION CONTROL                         | 3        | EA  | CABINET BASE EXTENDER   |
| 7,830   | SY  | COIR FIBER MAT                                      | 8        | EA  | GENERIC SIGNAL ITEM<br>APS DETECTOR STATIONS                                  |
| 11,650  | LF  | 1/4" HARDWARE CLOTH                                 | 1        | EA  | GENERIC SIGNAL ITEM<br>CENTRAL CONTROL UNITS FOR APS<br>DETECTOR STATIONS     |
| 44      | EA  | SPECIAL STILLING BASINS                             | 5        | EA  | GENERIC SIGNAL ITEM<br>ETHERNET EDGE SWITCH                                   |
| 430     | LF  | COIR FIBER WATTLE                                   | 1        | EA  | GENERIC SIGNAL ITEM<br>METAL POLE WITH SINGLE MAST<br>ARM/LUMINAIRE ARM       |
| 3,200   | LB  | POLYACRYLAMIDE (PAM)                                | 3        | EA  | GENERIC SIGNAL ITEM<br>MICROWAVE VEHICLE DETECTION SYSTEM<br>- MULTIPLE ZONES |
| 6,265   | LF  | COIR FIBER BAFFLE                                   |          |     | CULVERT ITEMS   |
| 47      | EA  | *** SKIMMER<br>(1-1/2")                             | Lump Sum | LS  | CULVERT EXCAVATION, STA *****<br>(10+59.00 -DRIA-)                            |
| 3       | EA  | *** SKIMMER<br>(2")                                 | Lump Sum | LS  | CULVERT EXCAVATION, STA *****<br>(108+27.00 -L-)                              |
| 2       | EA  | *** SKIMMER<br>(2-1/2")                             | Lump Sum | LS  | CULVERT EXCAVATION, STA *****<br>(113+69.00 -L-)                              |
| 51      | ACR | SEEDING & MULCHING                                  | Lump Sum | LS  | CULVERT EXCAVATION, STA *****<br>(144+74.50 -L-)                              |
| 54      | ACR | MOWING  | Lump Sum | LS  | CULVERT EXCAVATION, STA *****<br>(195+16.00 -L-)                              |
| 900     | LB  | SEED FOR REPAIR SEEDING                             | Lump Sum | LS  | CULVERT EXCAVATION, STA *****<br>(46+41.00 -L-)                               |
| 2.5     | TON | FERTILIZER FOR REPAIR SEEDING                       | 785      | TON | FOUNDATION CONDITIONING MATERIAL,<br>BOX CULVERT                              |
| 1,150   | LB  | SEED FOR SUPPLEMENTAL SEEDING                       | 1,115.6  | CY  | CLASS A CONCRETE (CULVERT)  |
| 34.25   | TON | FERTILIZER TOPDRESSING                              |          |     |   |
| 1,785   | LF  | IMPERVIOUS DIKE                                     |          |     |   |
| 75      | MHR | SPECIALIZED HAND MOWING                             |          |     |   |
| 30      | MHR | MANUAL LITTER REMOVAL                               |          |     |   |
| 7       | TON | LITTER DISPOSAL                                     |          |     |   |
| 150     | EA  | RESPONSE FOR EROSION CONTROL                        |          |     |   |
| 20      | EA  | CONCRETE WASHOUT STRUCTURE                          |          |     |   |
| 391     | CY  | CULVERT DIVERSION CHANNEL                           |          |     |   |

|          |    |  |
|----------|----|--|
| 140,840  | LB | REINFORCING STEEL (CULVERT)  |
| Lump Sum | LS | GENERIC CULVERT ITEM<br>CORRUGATED ALUMINUM PIPE CULVERT                   |
|          |    | <b>WALL ITEMS</b>  |
| 10,590   | SF | SOIL NAIL RETAINING WALLS  |
| 5        | EA | SOIL NAIL VERIFICATION TESTS   |
| 30       | EA | SOIL NAIL PROOF TESTS  |
| 1,390    | SF | CIP GRAVITY RETAINING WALLS  |
| 690      | SF | GENERIC RETAINING WALL ITEM<br>NON-STANDARD CIP GRAVITY RETAINING<br>WALLS |
| 5,600    | SF | GENERIC RETAINING WALL ITEM<br>SMSE RETAINING WALL NO 4                    |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L220920

001

CONTRACT ID : C204727 47533.3.2

DIV OFFICE FAYETTEVILLE

LENGTH = 8.106 MI

COUNTY : ROBESON

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

DBE GOAL 5.00 % COMPLETION DATE : MAY 14, 2027

I-95 FROM SOUTH OF US-301 TO SOUTH OF NC-20.

| ROADWAY ITEMS |     |  |          |     |   |  |
|---------------|-----|--|----------|-----|---|--|
|               |     |  | 20       | EA  | *** CS PIPE ELBOWS, ***** THICK (15", 0.064")                         |  |
| Lump Sum      | LS  | MOBILIZATION   | 1,156    | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (16", 0.250")     |  |
| Lump Sum      | LS  | CONSTRUCTION SURVEYING   |          |     |   |  |
| Lump Sum      | LS  | CLEARING & GRUBBING .. ACRE(S)   | 800      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.250")     |  |
| 3             | ACR | SUPPLEMENTARY CLEARING & GRUBBING  |          |     |   |  |
| 1             | EA  | SEALING ABANDONED WELLS  | 492      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500")     |  |
| 198,200       | CY  | UNCLASSIFIED EXCAVATION  |          |     |   |  |
| 11,100        | CY  | UNDERCUT EXCAVATION  | 416      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.500")     |  |
| 1,196,900     | CY  | BORROW EXCAVATION  |          |     |   |  |
| 24            | EA  | EMBANKMENT SETTLEMENT GAUGES   | 272      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")     |  |
| 5,980         | CY  | DRAINAGE DITCH EXCAVATION  |          |     |   |  |
| 327,750       | SY  | REMOVAL OF EXISTING ASPHALT PAVEMENT                                     | 492      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")     |  |
| 650           | SY  | REMOVAL OF EXISTING CONCRETE PAVEMENT                                    | 756      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.625")     |  |
| 3,030         | SY  | BREAKING OF EXISTING ASPHALT PAVEMENT                                    |          |     |   |  |
| 130           | HR  | PROOF ROLLING  | 1,156    | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (16", 0.250") |  |
| 9,036         | CY  | SELECT GRANULAR MATERIAL, CLASS III                                      |          |     |   |  |
| 132,100       | SY  | GEOTEXTILE FOR SOIL STABILIZATION  | 800      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (18", 0.250") |  |
| 88,800        | SF  | TEMPORARY SHORING  |          |     |   |  |
| 3,550         | SY  | ROCK PLATING   | 492      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500") |  |
| Lump Sum      | LS  | GENERIC GRADING ITEM SPECIAL BRIDGE APPROACH FILLS, STA 41+19.02 -Y1A-   | 416      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (30", 0.500") |  |
| Lump Sum      | LS  | GENERIC GRADING ITEM SPECIAL BRIDGE APPROACH FILLS, STA 29+75.79 -Y2-    | 272      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500") |  |
| Lump Sum      | LS  | GENERIC GRADING ITEM SPECIAL BRIDGE APPROACH FILLS, STA 30+04.11 -Y3-    | 492      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625") |  |
| 50            | TON | GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL | 756      | LF  | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.625") |  |
| 4,310         | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES                       |          |     |   |  |
| 13,550        | SY  | FOUNDATION CONDITIONING GEOTEXTILE                                       | 9,143    | LF  | PIPE REMOVAL  |  |
| 1,724         | LF  | 15" SIDE DRAIN PIPE  | Lump Sum | LS  | FINE GRADING  |  |
| 400           | LF  | 18" SIDE DRAIN PIPE  | 30,076   | CY  | SHALLOW UNDERCUT  |  |
| 44            | LF  | 24" SIDE DRAIN PIPE  | 66,000   | TON | CLASS IV SUBGRADE STABILIZATION                                       |  |
| 20            | EA  | *** SIDE DRAIN PIPE ELBOWS (15")   | 4,000    | TON | CLASS IV AGGREGATE STABILIZATION                                      |  |
| 160           | LF  | 15" RC PIPE CULVERTS, CLASS III  | 2,395    | TON | AGGREGATE BASE COURSE   |  |
| 124           | LF  | 18" RC PIPE CULVERTS, CLASS III  | 5,000    | TON | INCIDENTAL STONE BASE   |  |
| 76            | LF  | 24" RC PIPE CULVERTS, CLASS III  | 9,760    | SY  | MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")                        |  |
| 496           | LF  | 30" RC PIPE CULVERTS, CLASS III  | 29,250   | SY  | MILLING ASPHALT PAVEMENT, ***** DEPTH (2")                            |  |
| 8             | LF  | 36" RC PIPE CULVERTS, CLASS III  | 6,940    | SY  | INCIDENTAL MILLING  |  |
| 216           | LF  | 42" RC PIPE CULVERTS, CLASS III  | 476,545  | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C                                 |  |
| 2,284         | LF  | ***** RC PIPE CULVERTS, CLASS IV (48")                                   | 205,270  | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C                         |  |
| 392           | LF  | ***** RC PIPE CULVERTS, CLASS IV (54")                                   | 9,635    | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B                               |  |
| 524           | LF  | ***** RC PIPE CULVERTS, CLASS IV (60")                                   | 26,220   | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C                               |  |
| 248           | LF  | ***** RC PIPE CULVERTS, CLASS IV (66")                                   | 129,045  | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5D                               |  |
| 13,796        | LF  | 15" RC PIPE CULVERTS, CLASS IV   | 33,475   | TON | ASPHALT BINDER FOR PLANT MIX  |  |
| 3,096         | LF  | 18" RC PIPE CULVERTS, CLASS IV   | 7,485    | TON | POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX                         |  |
| 1,716         | LF  | 24" RC PIPE CULVERTS, CLASS IV   | 5,000    | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR                                    |  |
| 1,884         | LF  | 30" RC PIPE CULVERTS, CLASS IV   | 171,500  | LF  | MILLED RUMBLE STRIPS (ASPHALT CONCRETE)                               |  |
| 2,056         | LF  | 36" RC PIPE CULVERTS, CLASS IV   |          |     |   |  |
| 1,484         | LF  | 42" RC PIPE CULVERTS, CLASS IV   | 10,150   | SY  | ***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (13-1/2")   |  |
| 1,296         | LF  | 15" CS PIPE CULVERTS, 0.064" THICK                                       |          |     |   |  |

|          |    |   |          |     |  |
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| 1,410    | SY | ***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (13-1/2")                           | 17,400   | LF  | STEEL BEAM GUARDRAIL   |
| 11,560   | SY | NONWOVEN GEOTEXTILE INTERLAYER  | 10       | EA  | ADDITIONAL GUARDRAIL POSTS                                       |
| Lump Sum | LS | FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT                                       | 26       | EA  | GUARDRAIL END UNITS, TYPE CAT-1                                  |
| 25,536   | CY | SUBDRAIN EXCAVATION   | 4        | EA  | GUARDRAIL ANCHOR UNITS, TYPE III                                 |
| 76,000   | SY | GEOTEXTILE FOR SUBSURFACE DRAINS  | 45       | EA  | GUARDRAIL END UNITS, TYPE TL-3                                   |
| 12,768   | CY | SUBDRAIN COARSE AGGREGATE   | 2        | EA  | GUARDRAIL END UNITS, TYPE TL-2                                   |
| 76,000   | LF | 6" PERFORATED SUBDRAIN PIPE   | 19       | EA  | GUARDRAIL ANCHOR UNITS, TYPE B-77                                |
| 152      | EA | SUBDRAIN PIPE OUTLET  | 29,010   | LF  | REMOVE EXISTING GUARDRAIL  |
| 912      | LF | 6" OUTLET PIPE  | 27,960   | LF  | REMOVE EXISTING GUIDERAIL  |
| 128,400  | LF | SHOULDER DRAIN  | 227      | LF  | TEMPORARY STEEL BEAM GUARDRAIL                                   |
| 128,400  | LF | 4" SHOULDER DRAIN PIPE  | 1        | EA  | TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)                 |
| 4,580    | LF | 4" OUTLET PIPE FOR SHOULDER DRAINS  | 1        | EA  | GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE CAT-1 |
| 200      | EA | CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET   | 21,630   | LF  | WOVEN WIRE FENCE, 47" FABRIC                                     |
| 3        | EA | TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE                           | 1,349    | EA  | 4" TIMBER FENCE POSTS, 7'-6" LONG                                |
| 253.5    | CY | ENDWALLS  | 360      | EA  | 5" TIMBER FENCE POSTS, 8'-0" LONG                                |
| 56.6     | CY | REINFORCED ENDWALLS   | 1,647    | TON | RIP RAP, CLASS I   |
| 761.9    | CY | FLOWABLE FILL   | 1,405    | TON | RIP RAP, CLASS II  |
| 539      | EA | MASONRY DRAINAGE STRUCTURES   | 978      | TON | RIP RAP, CLASS B   |
| 20.4     | CY | MASONRY DRAINAGE STRUCTURES   | 9,367    | SY  | GEOTEXTILE FOR DRAINAGE  |
| 259.2    | LF | MASONRY DRAINAGE STRUCTURES   | 7.6      | SF  | CONTRACTOR FURNISHED, TYPE *** SIGN (D)                          |
| 13       | EA | FRAME WITH TWO GRATES, STD 840.16   | 44.94    | SF  | CONTRACTOR FURNISHED, TYPE *** SIGN (F)                          |
| 6        | EA | FRAME WITH TWO GRATES, STD 840.20   | 11       | CY  | REINFORCED CONCRETE SIGN FOUNDATIONS                             |
| 21       | EA | FRAME WITH TWO GRATES, STD 840.22   | 4        | CY  | PLAIN CONCRETE SIGN FOUNDATIONS                                  |
| 2        | EA | FRAME WITH TWO GRATES, STD 840.24   | 188      | CY  | OVERHEAD FOOTING   |
| 10       | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)                                      | 14,560   | LB  | SUPPORTS, BREAKAWAY STEEL BEAM                                   |
| 11       | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)                                      | 98       | LF  | SUPPORTS, 3-LB STEEL U-CHANNEL                                   |
| 11       | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)                                      | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (109+00 -L-)      |
| 21       | EA | FRAME WITH COVER, STD 840.54  | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (135+00 -L-)      |
| 447      | EA | STEEL FRAME WITH TWO GRATES, STD 840.37   | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (162+00 -L-)      |
| 8        | EA | CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN   | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (172+00 -L-)      |
| 3        | EA | CONCRETE TRANSITIONAL SECTION FOR DROP INLET  | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (206+00 -L-)      |
| 500      | LF | ** X ** CONCRETE CURB (9" X 18")  | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (246+00 -L-)      |
| 2,380    | LF | 1'-6" CONCRETE CURB & GUTTER  | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (252+00 -L-)      |
| 5,770    | LF | 2'-6" CONCRETE CURB & GUTTER  | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (271+50 -L-)      |
| 16,650   | LF | SHOULDER BERM GUTTER  | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (304+90 -L-)      |
| 2,270    | SY | 4" CONCRETE SIDEWALK  | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (331+00 -L-)      |
| 15       | EA | CONCRETE CURB RAMPS   | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (358+00 -L-)      |
| 350      | SY | 4" CONCRETE PAVED DITCH   | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (71+00 -L-)       |
| 3,890    | SY | 4" CONCRETE ISLAND COVER  | Lump Sum | LS  | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (84+50 -L-)       |
| 940      | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)   | 6        | EA  | SIGN ERECTION, TYPE D  |
| 3,410    | LF | CONCRETE BARRIER, TYPE ***** (SINGLE FACED)   | 86       | EA  | SIGN ERECTION, TYPE E  |
| 1,420    | LF | CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE, BIFURCATION 2'-7" TO 6'-0")               | 20       | EA  | SIGN ERECTION, TYPE F  |
| 6,580    | LF | CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE, BIFURCATION MAX 2'-7")                    | 14       | EA  | SIGN ERECTION, TYPE *** (OVERHEAD) (A)                           |
| 2,830    | LF | CONCRETE BARRIER, TYPE ***** (T)  | 10       | EA  | SIGN ERECTION, TYPE *** (OVERHEAD) (B)                           |
| 31,370   | LF | CONCRETE BARRIER, TYPE ***** (T1)   | 3        | EA  | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)                     |
| 5,350    | LF | CONCRETE BARRIER, TYPE ***** (T2)   | 5        | EA  | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (F)                     |
| 8        | EA | CONCRETE BARRIER TRANSITION SECTION   |          |     |  |
| 2,410    | SY | GENERIC PAVING ITEM 12" JOINTED CONCRETE WITH WIRE MESH                               |          |     |  |
| 1,710    | SY | GENERIC PAVING ITEM 6" CONCRETE DRIVEWAY  |          |     |  |
| 325      | LF | GENERIC PAVING ITEM MEDIAN HAZARD PROTECTION  |          |     |  |
| 350      | LF | GENERIC PAVING ITEM TRANSITION 1'-6" CONCRETE CURB AND GUTTER TO SHOULDER BERM GUTTER |          |     |  |
| 5        | EA | CONVERT EXISTING DROP INLET TO JUNCTION BOX   |          |     |  |
| 3        | EA | IMPACT ATTENUATOR UNITS, TYPE TL-3  |          |     |  |

|           |     |  |          |    |  |
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| 18        | EA  | SIGN ERECTION, MILEMARKERS   | 4,500    | LF | REMOVAL OF PAVEMENT MARKING LINES (12")                          |
| 11        | EA  | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A)                             | 16       | EA | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS                 |
| 1         | EA  | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)                             | 750      | EA | PERMANENT RAISED PAVEMENT MARKERS                                |
| 2         | EA  | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (F)                             | 2,000    | EA | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER                       |
| 9         | EA  | SIGN ERECTION, LOGO TO PANEL   | 6        | EA | 120' HIGH MOUNT STANDARD   |
| 10        | EA  | DISPOSAL OF SUPPORT, STEEL BEAM  | 1        | EA | PORTABLE DRIVE UNIT  |
| 30        | EA  | DISPOSAL OF SIGN SYSTEM, STEEL BEAM  | 64       | CY | HIGH MOUNT FOUNDATIONS   |
| 83        | EA  | DISPOSAL OF SIGN SYSTEM, U-CHANNEL   | 48       | EA | HIGH MOUNT LUMINAIRES ***** (560W LED)                           |
| 2         | EA  | DISPOSAL OF SUPPORT, U-CHANNEL   | 7        | EA | LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM)               |
| 326       | SF  | WORK ZONE SIGNS (STATIONARY)   | 20       | EA | LIGHT STANDARDS, TYPE MTLT ***** (45' TA, 15' ARM)               |
| 2,935     | SF  | HIGH VISIBILITY STATIONARY SIGNS   | 14       | EA | STANDARD FOUNDATION ***** (TYPE M1)                              |
| 203       | SF  | WORK ZONE SIGNS (PORTABLE)   | 2        | EA | STANDARD FOUNDATION ***** (TYPE M2)                              |
| 2,004     | SF  | HIGH VISIBILITY PORTABLE SIGNS   | 5        | EA | STANDARD FOUNDATION ***** (TYPE R1)                              |
| 416       | SF  | WORK ZONE SIGNS (BARRICADE MOUNTED)  | 2        | EA | STANDARD FOUNDATION ***** (TYPE R2)                              |
| 20        | EA  | FLASHING ARROW BOARD   | 39       | EA | LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW, 285W LED)            |
| 16        | EA  | PORTABLE CHANGEABLE MESSAGE SIGN   | 2        | EA | LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V)               |
| 24        | EA  | WORK ZONE DIGITAL SPEED LIMIT SIGNS  | 515      | LF | ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")                        |
| 48        | EA  | WORK ZONE PRESENCE LIGHTING  | 685      | LF | ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")                        |
| 1,470     | EA  | DRUMS  | 365      | LF | ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")                        |
| 755       | EA  | HIGH VISIBILITY DRUMS  | 410      | LF | ** #8 W/G FEEDER CIRCUIT (2)                                     |
| 75        | EA  | SEQUENTIAL FLASHING WARNING LIGHTS   | 330      | LF | ** #6 W/G FEEDER CIRCUIT (2)                                     |
| 240       | LF  | BARRICADES (TYPE III)  | 530      | LF | ** #4 W/G FEEDER CIRCUIT (2)                                     |
| 330       | DAY | FLAGGER  | 300      | LF | ** #2 W/G FEEDER CIRCUIT (2)                                     |
| 39        | EA  | TEMPORARY CRASH CUSHIONS   | 2,645    | LF | ** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")            |
| 38        | EA  | REMOVE & RESET TEMPORARY CRASH CUSHION   | 1,545    | LF | ** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")            |
| 14        | EA  | TMA  | 4,140    | LF | ** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")            |
| 104,825   | LF  | PORTABLE CONCRETE BARRIER  | 5,702    | LF | ** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")            |
| 27,883    | LF  | PORTABLE CONCRETE BARRIER (ANCHORED)   | 4        | EA | ELECTRICAL JUNCTION BOXES ***** (BR18)                           |
| 141,813   | LF  | REMOVE AND RESET PORTABLE CONCRETE BARRIER   | 5        | EA | ELECTRICAL JUNCTION BOXES ***** (HM18)                           |
| 2,913     | LF  | REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)                                | 1        | EA | ELECTRICAL JUNCTION BOXES ***** (HM36)                           |
| 360       | HR  | LAW ENFORCEMENT  | 22       | EA | ELECTRICAL JUNCTION BOXES ***** (IG18)                           |
| 55        | EA  | SKINNY DRUM  | 1        | EA | ELECTRICAL JUNCTION BOXES ***** (IG36)                           |
| 25,401    | LF  | TEMPORARY GLARE SCREEN   | 5        | EA | ELECTRICAL JUNCTION BOXES ***** (LS18)                           |
| 24        | EA  | GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICES                        |          |    |  |
| 4         | EA  | GENERIC TRAFFIC CONTROL ITEM FLASHING BEACON AND DETECTION SYSTEM                  |          |    |  |
| 18,510    | EA  | TEMPORARY RAISED PAVEMENT MARKERS  |          |    |  |
| 52,000    | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)                                 | Lump Sum | LS | PORTABLE LIGHTING  |
| 256,000   | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)                                 | Lump Sum | LS | GENERIC LIGHTING ITEM LUMINAIRE STORAGE                          |
| 200       | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)                                 | 2        | EA | GENERIC LIGHTING ITEM REMOVE 100' HIGH MAST STANDARD             |
| 9,700     | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)                                | 2        | EA | GENERIC LIGHTING ITEM REMOVE 100' HIGH MAST STANDARD FOUNDATION  |
| 30        | LF  | THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)                                | 1        | EA | GENERIC LIGHTING ITEM REMOVE CONTROL SYSTEM - DISPOSE            |
| 60        | EA  | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)                                    | 8        | EA | GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD FOUNDATION           |
| 2,200     | LF  | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)                     | 6        | EA | GENERIC LIGHTING ITEM REMOVE SINGLE ARM LIGHT STANDARD - DISPOSE |
| 95,003    | LF  | PAINT PAVEMENT MARKING LINES (4")  |          |    |  |
| 450       | LF  | PAINT PAVEMENT MARKING LINES (8")  |          |    |  |
| 362       | LF  | PAINT PAVEMENT MARKING LINES (24")   |          |    |  |
| 16        | EA  | PAINT PAVEMENT MARKING CHARACTER   |          |    |  |
| 120       | EA  | PAINT PAVEMENT MARKING SYMBOL  |          |    |  |
| 2,750     | LF  | POLYUREA PAVEMENT MARKING LINES, **", ** MILS (STANDARD GLASS BEADS) (4", 20 MILS) |          |    |  |
| 1,161,474 | LF  | WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6"                                   |          |    |  |
| 51,918    | LF  | WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12"                                  |          |    |  |
| 190,936   | LF  | REMOVAL OF PAVEMENT MARKING LINES (6")   |          |    |  |

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|---------|-----|--|-------|-----|---|
| 2       | EA  | GENERIC LIGHTING ITEM<br>REMOVE SINGLE ARM WOOD POLE -<br>DISPOSE    | 9,750 | LF  | COIR FIBER BAFFLE   |
| 13      | EA  | GENERIC LIGHTING ITEM<br>REMOVE TWIN ARM LIGHT STANDARD -<br>DISPOSE | 18    | EA  | *** SKIMMER<br>(1-1/2")   |
| 2       | EA  | GENERIC LIGHTING ITEM<br>WOOD POLE                                   | 18    | EA  | *** SKIMMER<br>(2")   |
| 1,637.8 | LF  | 6" WATER LINE  | 3     | EA  | *** SKIMMER<br>(2-1/2")   |
| 4,157.3 | LF  | 8" WATER LINE  | 177   | ACR | SEEDING & MULCHING  |
| 3,011.5 | LF  | 12" WATER LINE   | 86    | ACR | MOWING  |
| 900     | LF  | 16" WATER LINE   | 2,600 | LB  | SEED FOR REPAIR SEEDING   |
| 15,915  | LB  | DUCTILE IRON WATER PIPE FITTINGS                                     | 8.5   | TON | FERTILIZER FOR REPAIR SEEDING   |
| 10      | EA  | 6" VALVE   | 4,250 | LB  | SEED FOR SUPPLEMENTAL SEEDING   |
| 3       | EA  | 8" VALVE   | 127.5 | TON | FERTILIZER TOPDRESSING  |
| 9       | EA  | 12" VALVE  | 3,380 | LF  | IMPERVIOUS DIKE   |
| 1       | EA  | 12" TAPPING SLEEVE & VALVE   | 75    | MHR | SPECIALIZED HAND MOWING   |
| 2       | EA  | 1" AIR RELEASE VALVE   | 48    | MHR | MANUAL LITTER REMOVAL   |
| 8       | EA  | 3/4" WATER METER   | 15    | TON | LITTER DISPOSAL   |
| 6       | EA  | RELOCATE WATER METER   | 150   | EA  | RESPONSE FOR EROSION CONTROL  |
| 10      | EA  | RECONNECT WATER METER  | 12    | EA  | CONCRETE WASHOUT STRUCTURE  |
| 8       | EA  | FIRE HYDRANT   | 6,435 | CY  | CULVERT DIVERSION CHANNEL   |
| 1       | EA  | RELOCATE FIRE HYDRANT  | 230   | EA  | GENERIC EROSION CONTROL ITEM<br>FABRIC INSERT INLET PROTECTION DEVICE             |
| 68.7    | LF  | FIRE HYDRANT LEG   | 690   | EA  | GENERIC EROSION CONTROL ITEM<br>FABRIC INSERT INLET PROTECTION DEVICE<br>CLEANOUT |
| 2       | EA  | 6" LINE STOP   | 2,050 | LF  | UNPAVED TRENCHING (*****<br>(1, 2")   |
| 237.5   | LF  | WATER SERVICE LINE   | 125   | LF  | DIRECTIONAL DRILL (*****<br>(1, 2")   |
| 1,998.5 | LF  | 6" FORCE MAIN SEWER  | 23    | EA  | JUNCTION BOX (STANDARD SIZE)  |
| 655     | LB  | DUCTILE IRON SEWER PIPE FITTINGS                                     | 6     | EA  | WOOD POLE   |
| 3,831.1 | LF  | ABANDON 6" UTILITY PIPE  | 7     | EA  | *** RISER WITH *****<br>(1-1/4" RISER WITH WEATHERHEAD)                           |
| 4,175.8 | LF  | ABANDON 8" UTILITY PIPE  | 42    | EA  | GENERIC SIGNAL ITEM<br>5/8" X 10' GROUNDING ELECTRODE                             |
| 3,889.8 | LF  | ABANDON 12" UTILITY PIPE   | 4     | EA  | GENERIC SIGNAL ITEM<br>CCTV WOOD POLE   |
| 8       | EA  | REMOVE WATER METER   | 4     | EA  | GENERIC SIGNAL ITEM<br>DIGITAL CCTV CAMERA ASSEMBLY                               |
| 6       | EA  | REMOVE FIRE HYDRANT  | 3     | EA  | GENERIC SIGNAL ITEM<br>DMS ACCESS LADDER  |
| 90      | LF  | 16" ENCASEMENT PIPE  | 3     | EA  | GENERIC SIGNAL ITEM<br>DMS PEDESTAL STRUCTURE                                     |
| 40      | LF  | 24" ENCASEMENT PIPE  | 3     | EA  | GENERIC SIGNAL ITEM<br>DYNAMIC MESSAGE SIGN (TYPE 2C)                             |
| 287.5   | LF  | 30" ENCASEMENT PIPE  | 6     | EA  | GENERIC SIGNAL ITEM<br>EQUIPMENT CABINET DISCONNECT                               |
| 225     | LF  | BORE AND JACK OF ***<br>(30")  | 4     | EA  | GENERIC SIGNAL ITEM<br>FIELD EQUIPMENT CABINET                                    |
| 793.7   | LF  | DIRECTIONAL DRILLING OF ***<br>(16")                                 | 1     | EA  | GENERIC SIGNAL ITEM<br>ITS EQUIPMENT REMOVAL (CCTV)                               |
| 1,922.9 | LF  | DIRECTIONAL DRILLING OF ***<br>(6")                                  | 1     | EA  | GENERIC SIGNAL ITEM<br>ITS EQUIPMENT REMOVAL (DMS)                                |
| 3       | EA  | GENERIC UTILITY ITEM<br>12" INSERT VALVE                             | 7     | EA  | GENERIC SIGNAL ITEM<br>METER BASE/DISCONNECT COMBINATION<br>PANEL                 |
| 2       | EA  | GENERIC UTILITY ITEM<br>6" INSERT VALVE                              | 6     | EA  | GENERIC SIGNAL ITEM<br>PCMS(IM)   |
| 1       | EA  | GENERIC UTILITY ITEM<br>6" PLUG VALVE                                | 3     | EA  | GENERIC SIGNAL ITEM<br>PORTABLE CCTV CAMERA ASSEMBLY                              |
| 1       | EA  | GENERIC UTILITY ITEM<br>8" INSERT VALVE                              | 350   | LF  | GENERIC SIGNAL ITEM<br>#4 SOLID BARE GROUNDING CONDUCTOR                          |
| 101,000 | LF  | TEMPORARY SILT FENCE   | 1,310 | LF  | GENERIC SIGNAL ITEM<br>3-WIRE COPPER FEEDER CONDUCTORS                            |
| 4,200   | TON | STONE FOR EROSION CONTROL, CLASS A                                   | 1,185 | LF  | GENERIC SIGNAL ITEM<br>4-WIRE COPPER FEEDER CONDUCTORS                            |
| 13,390  | TON | STONE FOR EROSION CONTROL, CLASS B                                   |       |     | <b>CULVERT ITEMS</b>  |
| 11,515  | TON | SEDIMENT CONTROL STONE   |       |     | REMOVAL OF EXISTING STRUCTURE AT<br>STATION *****<br>(310+73.00 -L-)              |
| 258     | ACR | TEMPORARY MULCHING   |       |     | REMOVAL OF EXISTING STRUCTURE AT<br>STATION *****<br>(354+06.00 -L-)              |
| 10,000  | LB  | SEED FOR TEMPORARY SEEDING   |       |     | Lump Sum LS CULVERT EXCAVATION, STA *****<br>(111+25.00 -L-)                      |
| 51.5    | TON | FERTILIZER FOR TEMPORARY SEEDING                                     |       |     | Lump Sum LS CULVERT EXCAVATION, STA *****<br>(24+79.00 -Y3-)                      |
| 11,175  | LF  | TEMPORARY SLOPE DRAINS   |       |     | Lump Sum LS CULVERT EXCAVATION, STA *****<br>(242+85.00 -L-)                      |
| 5,920   | LF  | SAFETY FENCE   |       |     | Lump Sum LS CULVERT EXCAVATION, STA *****<br>(310+73.00 -L-)                      |
| 67,940  | CY  | SILT EXCAVATION  |       |     | Lump Sum LS CULVERT EXCAVATION, STA *****<br>(354+06.00 -L-)                      |
| 366,000 | SY  | MATTING FOR EROSION CONTROL  |       |     | Lump Sum LS CULVERT EXCAVATION, STA *****<br>(366+29.00 -L-)                      |
| 585     | SY  | COIR FIBER MAT   |       |     |   |
| 25,550  | LF  | 1/4" HARDWARE CLOTH  |       |     |   |
| 2,540   | SY  | LOW PERMEABILITY GEOTEXTILE  |       |     |   |
| 350     | LF  | *** TEMPORARY PIPE<br>(18")  |       |     |   |
| 55      | LF  | *** TEMPORARY PIPE<br>(36")  |       |     |   |
| 55      | SY  | FLOATING TURBIDITY CURTAIN   |       |     |   |
| 18      | EA  | SPECIAL STILLING BASINS  |       |     |   |
| 52,600  | LF  | COIR FIBER WATTLE  |       |     |   |
| 10,050  | LF  | COIR FIBER WATTLE BARRIER  |       |     |   |
| 47,555  | LB  | POLYACRYLAMIDE (PAM)   |       |     |   |



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|----------|-----|--|
| Lump Sum | LS  | CULVERT EXCAVATION, STA *****<br>(454+90.00 -L-)                                       |
| 2,168    | TON | FOUNDATION CONDITIONING MATERIAL,<br>BOX CULVERT                                       |
| 2,880    | CY  | CLASS A CONCRETE (CULVERT)   |
| 372,377  | LB  | REINFORCING STEEL (CULVERT)  |
|          |     | <b>WALL ITEMS</b>  |
| 3,290    | SF  | MSE RETAINING WALL NO ****<br>(1)  |
| 2,730    | SF  | MSE RETAINING WALL NO ****<br>(2)  |
| 3,070    | SF  | MSE RETAINING WALL NO ****<br>(3)  |
| 3,020    | SF  | MSE RETAINING WALL NO ****<br>(4)  |
| 5,630    | SF  | MSE RETAINING WALL NO ****<br>(5)  |
| 5,320    | SF  | MSE RETAINING WALL NO ****<br>(6)  |
| 40,240   | SF  | GENERIC RETAINING WALL ITEM<br>ARCHITECTURAL SURFACE TREATMENT<br>(SOUND BARRIER WALL) |
| 24,620   | SF  | GENERIC RETAINING WALL ITEM<br>SOUND BARRIER WALL -NW8-                                |
|          |     | <b>STRUCTURE ITEMS</b>   |
| Lump Sum | LS  | REMOVAL OF EXISTING STRUCTURE AT<br>STATION *****<br>(29+75.79 -Y2-)                   |
| Lump Sum | LS  | REMOVAL OF EXISTING STRUCTURE AT<br>STATION *****<br>(30+04.11 -Y3-)                   |
| Lump Sum | LS  | REMOVAL OF EXISTING STRUCTURE AT<br>STATION *****<br>(41+19.02 -Y1A-)                  |
| Lump Sum | LS  | ASBESTOS ASSESSMENT  |
| Lump Sum | LS  | FOUNDATION EXCAVATION FOR BENT ** AT<br>STATION *****<br>(1, 29+75.79 -Y2-)            |
| Lump Sum | LS  | FOUNDATION EXCAVATION FOR BENT ** AT<br>STATION *****<br>(1, 30+04.11 -Y3-)            |
| Lump Sum | LS  | FOUNDATION EXCAVATION FOR BENT ** AT<br>STATION *****<br>(1, 41+19.02 -Y1A-)           |
| 6        | EA  | PDA TESTING  |
| 24,459   | SF  | REINFORCED CONCRETE DECK SLAB  |
| 22,012   | SF  | GROOVING BRIDGE FLOORS   |
| 524.7    | CY  | CLASS A CONCRETE (BRIDGE)  |
| Lump Sum | LS  | BRIDGE APPROACH SLABS, STATION<br>*****<br>(29+75.79 -Y2-)                             |
| Lump Sum | LS  | BRIDGE APPROACH SLABS, STATION<br>*****<br>(30+04.11 -Y3-)                             |
| Lump Sum | LS  | BRIDGE APPROACH SLABS, STATION<br>*****<br>(41+19.02 -Y1A-)                            |
| 72,585   | LB  | REINFORCING STEEL (BRIDGE)   |
| 7,893    | LB  | SPIRAL COLUMN REINFORCING STEEL<br>(BRIDGE)  |
| 1,586.74 | LF  | 54" PRESTRESSED CONCRETE GIRDERS   |
| 1,285.63 | LF  | MODIFIED 72" PRESTRESSED CONC<br>GIRDERS   |
| 28       | EA  | PILE DRIVING EQUIPMENT SETUP FOR ***<br>STEEL PILES<br>(HP 12 X 53)                    |
| 80       | EA  | PILE DRIVING EQUIPMENT SETUP FOR ***<br>STEEL PILES<br>(HP 14 X 73)                    |
| 2,590    | LF  | HP 12 X 53 STEEL PILES   |
| 6,115    | LF  | HP 14 X 73 STEEL PILES   |
| 55       | EA  | PILE REDRIVES  |
| 363.44   | LF  | TWO BAR METAL RAIL   |
| 857.99   | LF  | CONCRETE BARRIER RAIL  |
| 378.65   | LF  | 1'-**" X *****" CONCRETE PARAPET<br>(1'-2" X 2'-6")                                    |
| 77.2     | SY  | 4" SLOPE PROTECTION  |
| Lump Sum | LS  | ELASTOMERIC BEARINGS   |
| Lump Sum | LS  | FOAM JOINT SEALS   |