

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON APRIL 20, 2021**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.
2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.
3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. CERTIFICATION FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE <https://connect.ncdot.gov/letting/Pages/Central-Letting-Forms.aspx>.

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

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

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTORS LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES MANAGEMENT SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES MANAGEMENT SECTION AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

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

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C., 27610. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7.25% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "**N.C. DEPARTMENT OF TRANSPORTATION**".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS MARCH 16, 2021.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 15 Aug 2019)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

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

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

Bid Letting Number L210420

| RPN | Contract Id | WBS | County | Length | JobType |
|------------|--------------------|----------------------------|--------------------|---------------|---|
| 001 | C204154 | 45861.3.1 | PASQUOTANK | 20.000 MI | SIGNALS. |
| 002 | C204178 | 38358.3.1 | BEAUFORT | 0.189 MI | GRADING, DRAINAGE, PAVING, & STRUCTURE. |
| 003 | C204594 | 15BPR.42 ETC. | BEAUFORT | 0.622 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURES. |
| 004 | C204630 | 2021CPT.05.15.20321.1 ETC. | DURHAM | 25.324 MI | MILLING, RESURFACING, AND SHOULDER GRADING. |
| 005 | C204624 | 2021CPT.05.19.10921.1 ETC. | WAKE | 11.680 MI | MILLING, RESURFACING, AND SHOULDER GRADING. |
| 006 | C204423 | 41499.3.3 | COLUMBUS | 2.183 MI | GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE. |
| 007 | C204571 | 44997.3.1 | COLUMBUS | 1.006 MI | DRAINAGE, GRADING, PAVING, AND STRUCTURE. |
| 008 | C204483 | 49072.3.1 | CUMBERLAND | 0.273 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURE. |
| 009 | C204499 | 36599.3.1 | GUILFORD | 1.330 MI | GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES. |
| 010 | C204626 | 2021CPT.07.03.20011 ETC. | ALAMANCE, GUILFORD | 29.007 MI | MILLING AND RESURFACING. |
| 011 | C204533 | 34839.3.12 | FORSYTH | 0.975 MI | GRADING, PAVING, DRAINAGE, AND STRUCTURE. |
| 012 | C204365 | 45888.3.1 | MECKLENBURG | 6.080 MI | PAVEMENT AND STRUCTURE REHABILITATION. |
| 013 | C204622 | 2021CPT.10.15.10601 ETC. | MECKLENBURG | 21.466 MI | MILLING, RESURFACING, AND SHOULDER GRADING. |
| 014 | C204387 | 67011.3.1 | CHEROKEE | 0.224 MI | GRADING, DRAINAGE, PAVING, AND STRUCTURE. |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L210420 001

CONTRACT ID : C204154 45861.3.1

DIV OFFICE EDENTON

LENGTH = 20.000 MI

COUNTY : PASQUOTANK

SIGNALS.

DBE GOAL % COMPLETION DATE : OCT 05 2022

ELIZABETH CITY SIGNAL SYSTEM.

| ROADWAY ITEMS | | | | |
|---------------|-----|---|--------|--|
| | | | 13,318 | LF REMOVE EXISTING COMMUNICATIONS CABLE |
| | | | 10 | EA CABLE TRANSFER |
| | | | 2 | EA METAL STRAIN SIGNAL POLE |
| | | | 2 | EA SOIL TEST |
| | | | 23.3 | CY DRILLED PIER FOUNDATION |
| | | | 3 | EA SIGN FOR SIGNALS |
| | | | 4 | EA TYPE I POST WITH FOUNDATION |
| | | | 22 | EA TYPE II PEDESTAL WITH FOUNDATION |
| | | | 8 | EA SIGNAL CABINET FOUNDATION |
| | | | 19 | EA CONDUIT ENTRANCE INTO EXISTING FOUNDATION |
| | | | 282 | EA DETECTOR CARD (*****) (MODEL 222) |
| | | | 44 | EA CABINET BASE EXTENDER |
| | | | 20 | EA GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY |
| | | | 44 | EA GENERIC SIGNAL ITEM CONTROLLER WITH CABINET WITH AUX FILE (2070LX, 332) |
| | | | 1 | EA GENERIC SIGNAL ITEM DIGITAL DISPLAY MONITOR |
| | | | 1 | EA GENERIC SIGNAL ITEM ETHERNET CORE SWITCH |
| | | | 44 | EA GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH |
| | | | 1 | EA GENERIC SIGNAL ITEM FIREWALL |
| | | | 5 | EA GENERIC SIGNAL ITEM FURNISH 2018 ENHANCED CONFLICT MONITOR |
| | | | 1 | EA GENERIC SIGNAL ITEM FURNISH 2070 CONTROLLER TESTER |
| | | | 5 | EA GENERIC SIGNAL ITEM FURNISH 2070LX CONTROLLER |
| | | | 5 | EA GENERIC SIGNAL ITEM FURNISH 332 CABINET WITH AUX FILE |
| | | | 1 | EA GENERIC SIGNAL ITEM FURNISH CABLE LOCATOR |
| | | | 2 | EA GENERIC SIGNAL ITEM FURNISH CCTV CAMERA ASSEMBLY |
| | | | 1 | EA GENERIC SIGNAL ITEM FURNISH CONFLICT MONITOR TESTER |
| | | | 15 | EA GENERIC SIGNAL ITEM FURNISH DETECTOR CARD, MODEL 222 |
| | | | 5 | EA GENERIC SIGNAL ITEM FURNISH ETHERNET EDGE SWITCH |
| | | | 1 | EA GENERIC SIGNAL ITEM FURNISH SPARE CABLE AND CON- NECTORS KIT |
| | | | 2 | EA GENERIC SIGNAL ITEM FURNISH VISUAL FAULT LOCATOR |
| | | | 1 | EA GENERIC SIGNAL ITEM GUY ASSEMBLY - AERIAL |
| | | | 8 | EA GENERIC SIGNAL ITEM GUY ASSEMBLY - SIDEWALK |
| | | | 12 | EA GENERIC SIGNAL ITEM HEAT SHRINK TUBING KIT |
| | | | 3 | EA GENERIC SIGNAL ITEM ITS SERVER |
| | | | 15 | EA GENERIC SIGNAL ITEM JUNCTION BOX (SPECIAL-SIZED) |
| | | | 46 | EA GENERIC SIGNAL ITEM JUNCTION BOX MARKER |
| | | | 1 | EA GENERIC SIGNAL ITEM KVM SWITCH |
| | | | 3 | EA GENERIC SIGNAL ITEM LAPTOP COMPUTER |
| | | | 1 | EA GENERIC SIGNAL ITEM MODIFY COMMUNICATIONS RACK |
| | | | 8 | EA GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE |
| | | | 6 | EA GENERIC SIGNAL ITEM MODIFY FOUNDATION FOR CONTROL- LER CABINET |
| | | | 71 | EA GENERIC SIGNAL ITEM POLE GROUNDING SYSTEM |
| Lump Sum | LS | MOBILIZATION | | |
| 90 | SY | 4" CONCRETE SIDEWALK | | |
| 325 | SF | WORK ZONE SIGNS (PORTABLE) | | |
| 72 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) | | |
| 2 | EA | FLASHING ARROW BOARD | | |
| 40 | DAY | PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) | | |
| 60 | EA | DRUMS | | |
| 40 | EA | CONES | | |
| 48 | LF | BARRICADES (TYPE III) | | |
| 30 | LF | PEDESTRIAN CHANNELIZING DE- VICES | | |
| 320 | DAY | FLAGGER | | |
| 2 | EA | TMA | | |
| 250 | HR | LAW ENFORCEMENT | | |
| 80 | EA | SKINNY DRUM | | |
| 8 | EA | GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES | | |
| 4 | EA | GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS | | |
| 300 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | | |
| 4 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) | | |
| 4 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | | |
| 160 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") | | |
| 590 | LF | REMOVAL OF PAVEMENT MARKING LINES (24") | | |
| 7 | EA | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS | | |
| 2,470 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | | |
| 58 | EA | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN) | | |
| 22,040 | LF | SIGNAL CABLE | | |
| 110 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) | | |
| 26 | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION) | | |
| 9 | EA | VEHICLE SIGNAL HEAD (12", 5 SECTION) | | |
| 25,058 | LF | MESSENGER CABLE (1/4") | | |
| 2,630 | LF | MESSENGER CABLE (3/8") | | |
| 44,687 | LF | TRACER WIRE | | |
| 80 | LF | DIRECTIONAL DRILL (*****) (1, 2") | | |
| 19,145 | LF | DIRECTIONAL DRILL (*****) (2, 2") | | |
| 39 | EA | JUNCTION BOX (STANDARD SIZE) | | |
| 114 | EA | JUNCTION BOX (OVER-SIZED, HEA- VY DUTY) | | |
| 116 | EA | GUY ASSEMBLY | | |
| 12 | EA | 1/2" RISER WITH WEATHERHEAD | | |
| 1 | EA | 1" RISER WITH WEATHERHEAD | | |
| 26 | EA | 2" RISER WITH WEATHERHEAD | | |
| 38 | EA | 2" RISER WITH HEAT SHRINK TUBING | | |
| 5,380 | LF | INDUCTIVE LOOP SAWCUT | | |
| 46,950 | LF | LEAD-IN CABLE (*****) (14-2) | | |
| 14,785 | LF | COMMUNICATIONS CABLE (**FIBER) (12) | | |
| 91,379 | LF | COMMUNICATIONS CABLE (**FIBER) (48) | | |
| 9,537 | LF | DROP CABLE | | |
| 38 | EA | SPLICE ENCLOSURE | | |
| 44 | EA | INTERCONNECT CENTER | | |
| 67 | EA | DELINEATOR MARKER | | |
| 1 | EA | FURNISH FIBER-OPTIC RESTORA- TION KIT | | |
| 10 | EA | NEW ELECTRICAL SERVICE | | |

| | | |
|----------|----|--|
| 2 | EA | GENERIC SIGNAL ITEM POWDER COAT FOR STRAIN POLE (BLACK) |
| 1 | EA | GENERIC SIGNAL ITEM PTZ JOYSTICK |
| 30 | EA | GENERIC SIGNAL ITEM RELOCATE EXISTING CABINET EQUIPMENT |
| 1 | EA | GENERIC SIGNAL ITEM SIGNAL SYSTEM SUPERVISOR'S COMPUTER SYSTEM |
| 69 | EA | GENERIC SIGNAL ITEM SPAN TRANSFER |
| 1 | EA | GENERIC SIGNAL ITEM TYPE 332 TEST CONTROLLER WITH CABINET |
| 1 | EA | GENERIC SIGNAL ITEM UPS IN COMMUNICATIONS RACK |
| 9 | EA | GENERIC SIGNAL ITEM WOOD POLE FOR SIGNALS |
| 13 | EA | GENERIC SIGNAL ITEM WOOD POLE FOR SIGNALS WITH CCTV |
| Lump Sum | LS | GENERIC SIGNAL ITEM CCTV SOFTWARE |
| Lump Sum | LS | GENERIC SIGNAL ITEM NETWORK MANAGEMENT SOFTWARE |
| Lump Sum | LS | GENERIC SIGNAL ITEM SIGNAL SYSTEM SOFTWARE |
| Lump Sum | LS | GENERIC SIGNAL ITEM SYSTEM SUPPORT SOFTWARE & DEVICES |
| Lump Sum | LS | GENERIC SIGNAL ITEM TMC BUILDING MODIFICATIONS |
| Lump Sum | LS | GENERIC SIGNAL ITEM TRAINING |
| 75 | LF | GENERIC SIGNAL ITEM AERIAL CABLE PROTECTOR |
| 3,787 | LF | GENERIC SIGNAL ITEM ETHERNET CABLE |
| 185 | LF | GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 1") |
| 1,955 | LF | GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 2") |
| 24,158 | LF | GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (2, 2") |
| 40 | LF | GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (3, 2") |
| 8 | SF | GENERIC SIGNAL ITEM BRICK PAVERS |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 002

CONTRACT ID : C204178 38358.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.189 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : OCT 12 2022

BRIDGE #43 OVER PUNGO CREEK ON US-264.

| ROADWAY ITEMS | | | STRUCTURE ITEMS | | |
|---------------|---------|---|-----------------|-----|------------------------------------|
| | | | 45 | TON | STONE FOR EROSION CONTROL, CLASS B |
| | | | 85 | TON | SEDIMENT CONTROL STONE |
| Lump Sum | LS | MOBILIZATION | 1 | ACR | TEMPORARY MULCHING |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 100 | LB | SEED FOR TEMPORARY SEEDING |
| | 1 | HR | 0.5 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| | | GENERIC MISCELLANEOUS ITEM EXPLORATORY EXCAVATION - STANDARD | | | |
| | 1 | HR | 200 | LF | TEMPORARY SLOPE DRAINS |
| | | GENERIC MISCELLANEOUS ITEM EXPLORATORY EXCAVATION - VACUUM | 2,600 | LF | SAFETY FENCE |
| Lump Sum | LS | TYPE I STANDARD APPROACH FILL STATION ***** (24+78.90) | 100 | CY | SILT EXCAVATION |
| | 300 | CY | 3,750 | SY | MATTING FOR EROSION CONTROL |
| | 1 | ACR | 400 | SY | COIR FIBER MAT |
| | | SUPPLEMENTARY CLEARING & GRUBBING | 125 | LF | 1/4" HARDWARE CLOTH |
| Lump Sum | LS | GRADING | 335 | SY | FLOATING TURBIDITY CURTAIN |
| | 2,100 | CY | 2 | EA | SPECIAL STILLING BASINS |
| | 320 | CY | 250 | LF | COIR FIBER WATTLE |
| | 320 | CY | 15 | LF | COIR FIBER BAFFLE |
| | 300 | CY | 1.2 | ACR | SEEDING & MULCHING |
| | 300 | SY | 0.6 | ACR | MOWING |
| | 250 | SY | 50 | LB | SEED FOR REPAIR SEEDING |
| | 150 | TON | 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| | 20 | TON | 50 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| | 50 | SY | 0.75 | TON | FERTILIZER TOPDRESSING |
| | 102 | LF | 100 | LF | IMPERVIOUS DIKE |
| | 6 | EA | 10 | MHR | SPECIALIZED HAND MOWING |
| | | 15" DRAINAGE PIPE | 13 | EA | RESPONSE FOR EROSION CONTROL |
| | 36 | LF | 2 | EA | CONCRETE WASHOUT STRUCTURE |
| | | 15" RC PIPE CULVERTS, CLASS IV | 0.1 | ACR | REFORESTATION |
| | 100 | TON | 0.04 | ACR | STREAMBANK REFORESTATION |
| | 590 | SY | | | |
| | | INCIDENTAL MILLING | | | |
| | 810 | TON | | | |
| | | ASPHALT CONC BASE COURSE, TYPE B25.0C | | | |
| | 420 | TON | | | |
| | | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | | | |
| | 560 | TON | | | |
| | | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | |
| | 95 | TON | | | |
| | | ASPHALT BINDER FOR PLANT MIX | | | |
| | 8 | EA | | | |
| | | RIGHT-OF-WAY MARKERS | | | |
| | 44.8 | CY | | | |
| | | SUBDRAIN EXCAVATION | | | |
| | 200 | SY | | | |
| | | GEOTEXTILE FOR SUBSURFACE DRAINS | | | |
| | 33.6 | CY | | | |
| | | SUBDRAIN COARSE AGGREGATE | | | |
| | 200 | LF | | | |
| | | 6" PERFORATED SUBDRAIN PIPE | | | |
| | 1 | EA | | | |
| | | SUBDRAIN PIPE OUTLET | | | |
| | 6 | LF | | | |
| | | 6" OUTLET PIPE | | | |
| | 5 | EA | | | |
| | | MASONRY DRAINAGE STRUCTURES | | | |
| | 5 | EA | | | |
| | | FRAME WITH TWO GRATES, STD 840.29 | | | |
| | 391 | LF | | | |
| | | SHOULDER BERM GUTTER | | | |
| | 1 | EA | | | |
| | | ADJUSTMENT OF METER BOXES OR VALVE BOXES | | | |
| | 1,037.5 | LF | | | |
| | | STEEL BEAM GUARDRAIL | | | |
| | 5 | EA | | | |
| | | ADDITIONAL GUARDRAIL POSTS | | | |
| | 4 | EA | | | |
| | | GUARDRAIL END UNITS, TYPE TL-3 | | | |
| | 4 | EA | | | |
| | | GUARDRAIL ANCHOR UNITS, TYPE B-77 | | | |
| | 280 | TON | | | |
| | | RIP RAP, CLASS II | | | |
| | 4 | TON | | | |
| | | RIP RAP, CLASS B | | | |
| | 220 | SY | | | |
| | | GEOTEXTILE FOR DRAINAGE | | | |
| Lump Sum | LS | TEMPORARY TRAFFIC CONTROL | 310.63 | LF | CONCRETE BARRIER RAIL |
| | 3,184 | LF | 255 | TON | RIP RAP CLASS II (2'-0" THICK) |
| | | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | 285 | SY | GEOTEXTILE FOR DRAINAGE |
| | 816 | LF | Lump Sum | LS | ELASTOMERIC BEARINGS |
| | | GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 4", 20 MILS (STANDARD GLASS BEADS) | | | |
| | 3 | EA | | | |
| | | PERMANENT RAISED PAVEMENT MARKERS | | | |
| | 17 | EA | | | |
| | | SNOWPLOWABLE PAVEMENT MARKERS | | | |
| | 2,400 | LF | | | |
| | | TEMPORARY SILT FENCE | | | |
| | 65 | TON | | | |
| | | STONE FOR EROSION CONTROL, CLASS A | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 003

CONTRACT ID : C204594 15BPR.42

DIV OFFICE GREENVILLE

LENGTH = 0.622 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 4.0% COMPLETION DATE : NOV 11 2023

BRIDGE #3 OVER NORFOLK SOUTHERN RAILROAD ON US-17 BUS AND BRIDGE #25 ON US-17 BUS OVER PAMLICO RIVER.

| ROADWAY ITEMS | | | | |
|---------------|-----|--|----------|---|
| | | | 104 | SF WORK ZONE SIGNS (BARRICADE MOUNTED) |
| | | | 2 | EA FLASHING ARROW BOARD |
| | | | 3 | EA PORTABLE CHANGEABLE MESSAGE SIGN |
| | | | 30 | DAY PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) |
| | | | 206 | EA DRUMS |
| | | | 168 | LF BARRICADES (TYPE III) |
| | | | 8 | LF PEDESTRIAN CHANNELIZING DEVICES |
| | | | 180 | DAY FLAGGER |
| | | | 2 | EA TMA |
| | | | 40 | HR LAW ENFORCEMENT |
| | | | 8 | EA GENERIC TRAFFIC CONTROL ITEM WARNING FLAGS |
| | | | 15,265 | LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| | | | 190 | LF THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) |
| | | | 9 | EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| | | | 8,400 | LF COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV) |
| | | | 13,650 | LF PAINT PAVEMENT MARKING LINES (4") |
| | | | 144 | LF PAINT PAVEMENT MARKING LINES (24") |
| | | | 4,800 | LF REMOVAL OF PAVEMENT MARKING LINES (4") |
| | | | 72 | LF REMOVAL OF PAVEMENT MARKING LINES (24") |
| | | | 1,330 | LF GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (4", 20 MILS) (STANDARD GLASS BEADS) |
| | | | 45 | LF GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) |
| | | | 15 | EA PERMANENT RAISED PAVEMENT MARKERS |
| | | | 110 | EA SNOWPLOWABLE PAVEMENT MARKERS |
| | | | 1,620 | LF *** WATER LINE (14") |
| | | | 500 | LF 12" WATER LINE |
| | | | 2,600 | LB DUCTILE IRON WATER PIPE FITTINGS |
| | | | 8 | EA 8" VALVE |
| | | | 2 | EA 12" VALVE |
| | | | 8 | EA 2" AIR RELEASE VALVE |
| | | | 1,000 | LF 8" FORCE MAIN SEWER |
| | | | 3,250 | LF 10" FORCE MAIN SEWER |
| | | | 2,800 | LB DUCTILE IRON SEWER PIPE FITTINGS |
| | | | 4,120 | LF ABANDON 8" UTILITY PIPE |
| | | | 2,040 | LF ABANDON 12" UTILITY PIPE |
| | | | 165 | LF *** ENCASEMENT PIPE (22") |
| | | | 330 | LF 18" ENCASEMENT PIPE |
| | | | 330 | LF BORE AND JACK OF *** (18") |
| | | | 165 | LF BORE AND JACK OF *** (22") |
| | | | 3,250 | LF DIRECTIONAL DRILLING OF *** (10") |
| | | | 1,620 | LF DIRECTIONAL DRILLING OF *** (14") |
| | | | Lump Sum | LS GENERIC UTILITY ITEM DEWATERING |
| | | | 6,700 | LF TEMPORARY SILT FENCE |
| | | | 65 | TON STONE FOR EROSION CONTROL, CLASS A |
| | | | 560 | TON STONE FOR EROSION CONTROL, CLASS B |
| | | | 350 | TON SEDIMENT CONTROL STONE |
| | | | 5 | ACR TEMPORARY MULCHING |
| | | | 400 | LB SEED FOR TEMPORARY SEEDING |
| Lump Sum | LS | MOBILIZATION | | |
| Lump Sum | LS | CONSTRUCTION SURVEYING | | |
| 4,200 | SF | GENERIC MISCELLANEOUS ITEM PERMANENT SHORING | | |
| Lump Sum | LS | TYPE I STANDARD APPROACH FILL STATION ***** (28+85.96-L-) | | |
| 600 | CY | UNDERCUT EXCAVATION | | |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | | |
| Lump Sum | LS | GRADING | | |
| 33,320 | CY | BORROW EXCAVATION | | |
| 600 | CY | SELECT GRANULAR MATERIAL | | |
| 2,800 | SY | GEOTEXTILE FOR SOIL STABILIZATION | | |
| 50 | TON | GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL | | |
| 106 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | | |
| 854 | SY | FOUNDATION CONDITIONING GEOTEXTILE | | |
| 460 | LF | 15" CS PIPE CULVERTS, 0.064" THICK | | |
| 22 | EA | *** CS PIPE ELBOWS, ***** THICK (15", 0.064") | | |
| 670 | LF | PIPE REMOVAL | | |
| 100 | CY | SHALLOW UNDERCUT | | |
| 190 | TON | CLASS IV SUBGRADE STABILIZATION | | |
| 100 | TON | INCIDENTAL STONE BASE | | |
| 6,811 | SY | INCIDENTAL MILLING | | |
| 3,370 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | | |
| 3,070 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | | |
| 375 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | |
| 2,300 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | | |
| 462.6 | TON | ASPHALT BINDER FOR PLANT MIX | | |
| 100 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR | | |
| 44.8 | CY | SUBDRAIN EXCAVATION | | |
| 200 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS | | |
| 33.6 | CY | SUBDRAIN COARSE AGGREGATE | | |
| 200 | LF | 6" PERFORATED SUBDRAIN PIPE | | |
| 1 | EA | SUBDRAIN PIPE OUTLET | | |
| 6 | LF | 6" OUTLET PIPE | | |
| 11 | EA | MASONRY DRAINAGE STRUCTURES | | |
| 11 | EA | FRAME WITH TWO GRATES, STD 840.29 | | |
| 3,258 | LF | SHOULDER BERM GUTTER | | |
| 3,362.5 | LF | STEEL BEAM GUARDRAIL | | |
| 10 | EA | ADDITIONAL GUARDRAIL POSTS | | |
| 2 | EA | GUARDRAIL END UNITS, TYPE CAT-1 | | |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III | | |
| 2 | EA | GUARDRAIL END UNITS, TYPE TL-3 | | |
| 3,827 | LF | REMOVE EXISTING GUARDRAIL | | |
| 15 | TON | RIP RAP, CLASS B | | |
| 200 | SY | GEOTEXTILE FOR DRAINAGE | | |
| 50 | LF | SUPPORTS, WOOD | | |
| 1 | EA | SIGN ERECTION, TYPE E | | |
| 1 | EA | SIGN ERECTION, TYPE F | | |
| 1 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D) | | |
| 1 | EA | DISPOSAL OF SUPPORT, WOOD | | |
| 2 | EA | DISPOSAL OF SIGN SYSTEM, WOOD | | |
| 878 | SF | WORK ZONE SIGNS (STATIONARY) | | |
| 198 | SF | WORK ZONE SIGNS (PORTABLE) | | |

| | | | | | |
|-------|-----|---|----------|----|---|
| | | | 1,340 | SY | 4" SLOPE PROTECTION |
| | | | Lump Sum | LS | ELASTOMERIC BEARINGS |
| | | | 111 | CF | CONCRETE REPAIRS |
| | | | 18 | CF | SHOTCRETE REPAIRS |
| 2 | TON | FERTILIZER FOR TEMPORARY SEED- ING | 122 | LF | EPOXY RESIN INJECTION |
| 1,220 | LF | TEMPORARY SLOPE DRAINS | Lump Sum | LS | EXPANSION JOINT SEALS |
| 4,150 | LF | SAFETY FENCE | Lump Sum | LS | GENERIC STRUCTURE ITEM TRAFFIC SIGNAL EXTENSION |
| 670 | CY | SILT EXCAVATION | 1,716 | LF | GENERIC STRUCTURE ITEM ASPHALT JOINT REPAIR/REPLACE- MENT (20" WIDE, W/PLATE) |
| 2,615 | SY | MATTING FOR EROSION CONTROL | 2,079 | LF | GENERIC STRUCTURE ITEM RAIL RETROFIT (2-BAR METAL RAIL) |
| 500 | SY | COIR FIBER MAT | 360 | LF | GENERIC STRUCTURE ITEM RAIL RETROFIT (3-BAR METAL RAIL) |
| 700 | LF | 1/4" HARDWARE CLOTH | 365 | LF | GENERIC STRUCTURE ITEM SILICONE JOINT SEALANT |
| 150 | SY | FLOATING TURBIDITY CURTAIN | 88 | SF | GENERIC STRUCTURE ITEM CONCRETE FILLED GRID DECK REPAIR FOR EPOXY OVERLAY |
| 425 | LF | COIR FIBER WATTLE | 2,862 | SF | GENERIC STRUCTURE ITEM EPOXY COATING AND DEBRIS REMOVAL |
| 6 | ACR | SEEDING & MULCHING | 2,184 | SF | GENERIC STRUCTURE ITEM EPOXY OVERLAY SYSTEM I |
| 3 | ACR | MOWING | | | |
| 50 | LB | SEED FOR REPAIR SEEDING | | | |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING | | | |
| 200 | LB | SEED FOR SUPPLEMENTAL SEEDING | | | |
| 6 | TON | FERTILIZER TOPDRESSING | | | |
| 10 | MHR | SPECIALIZED HAND MOWING | | | |
| 13 | EA | RESPONSE FOR EROSION CONTROL | | | |
| 2 | EA | CONCRETE WASHOUT STRUCTURE | | | |
| 2 | ACR | REFORESTATION | | | |
| 26 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT | | | |
| 13 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE | | | |
| 1,920 | LF | SIGNAL CABLE | | | |
| 4 | EA | VEHICLE SIGNAL HEAD (12", 1 SECTION) | | | |
| 14 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) | | | |
| 2 | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION) | | | |
| 450 | LF | MESSENGER CABLE (3/8") | | | |
| 1,375 | LF | UNPAVED TRENCHING (***** (1, 2") | | | |
| 11 | EA | JUNCTION BOX (STANDARD SIZE) | | | |
| 4 | EA | WOOD POLE | | | |
| 8 | EA | GUY ASSEMBLY | | | |
| 1 | EA | 1" RISER WITH WEATHERHEAD | | | |
| 3 | EA | 2" RISER WITH WEATHERHEAD | | | |
| 1,120 | LF | INDUCTIVE LOOP SAWCUT | | | |
| 4,800 | LF | LEAD-IN CABLE (***** (14-2) | | | |
| 2 | EA | SIGN FOR SIGNALS | | | |
| 2 | EA | TYPE III PEDESTAL WITH FOUND- ATION | | | |
| 1 | EA | SIGNAL CABINET FOUNDATION | | | |
| 1 | EA | CONTROLLERS WITH CABINET (***** (2070E, BASE MOUNTED) | | | |
| 5 | EA | DETECTOR CARD (TYPE 170) | | | |
| 1 | EA | CABINET BASE EXTENDER | | | |

STRUCTURE ITEMS

| | | |
|----------|----|---|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (28+85.96 -L-) |
| Lump Sum | LS | ASBESTOS ASSESSMENT |
| 2 | EA | PDA TESTING |
| Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (28+85.96 -L-) |
| 17,029 | SF | REINFORCED CONCRETE DECK SLAB |
| 18,687 | SF | GROOVING BRIDGE FLOORS |
| 416.5 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (28+85.96 -L-) |
| 54,800 | LB | REINFORCING STEEL (BRIDGE) |
| 1,896.96 | LF | 54" PRESTRESSED CONCRETE GIR- DERS |
| 30 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) |
| 22 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (PP 30 X 0.500) |
| 2,400 | LF | HP12X53 STEEL PILES |
| 2,530 | LF | PP ** X **** GALVANIZED STEEL PILES (PP 30 X 0.500) |
| 22 | EA | PIPE PILE PLATES |
| 52 | EA | PILE REDRIVES |
| 524.44 | LF | VERTICAL CONCRETE BARRIER RAIL |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 004

CONTRACT ID : C204630 2021CPT.05.15.20321.1 DIV OFFICE DURHAM
 COUNTY : DURHAM

LENGTH = 25.324 MI

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : NOV 15 2022

44 SECTIONS OF SECONDARY ROADS.

| | | ROADWAY ITEMS | | | | |
|----------|-----|--|--|----------|-----|---|
| | | | | 200 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS) |
| Lump Sum | LS | MOBILIZATION | | 2,614 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) |
| 1,410 | CY | BORROW EXCAVATION | | 500 | EA | GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER |
| 41.14 | SMI | GENERIC GRADING ITEM SHOULDER GRADING | | Lump Sum | LS | PORTABLE LIGHTING |
| 1,031 | TON | INCIDENTAL STONE BASE | | 2,070 | LF | TEMPORARY SILT FENCE |
| 1,161 | TON | AGGREGATE SHOULDER BORROW | | 5,390 | LF | WATTLE |
| 116,904 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2") | | 20.7 | ACR | SEEDING & MULCHING |
| 81,700 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (2") | | 41 | EA | RESPONSE FOR EROSION CONTROL |
| 4,207 | SY | MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2") | | 13,157 | LF | INDUCTIVE LOOP SAWCUT |
| 11,715 | SY | INCIDENTAL MILLING | | | | |
| 27,445 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | | |
| 10,550 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | | | | |
| 2,471 | TON | ASPHALT BINDER FOR PLANT MIX | | | | |
| 7,283 | TON | PATCHING EXISTING PAVEMENT | | | | |
| 7,307 | LF | 2'-6" CONCRETE CURB & GUTTER | | | | |
| 220 | SY | 4" CONCRETE SIDEWALK | | | | |
| 31 | EA | RETROFIT EXISTING CURB RAMPS | | | | |
| 3 | EA | CONCRETE CURB RAMPS | | | | |
| 55 | EA | REMOVE AND REPLACE CURB RAMPS | | | | |
| 225 | SY | GENERIC PAVING ITEM REMOVE AND REPLACE DRIVEWAY APRON | | | | |
| 25 | EA | GENERIC PAVING ITEM REMOVE CURB RAMP | | | | |
| 2 | EA | ADJUSTMENT OF CATCH BASINS | | | | |
| 102 | EA | ADJUSTMENT OF MANHOLES | | | | |
| 30 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES | | | | |
| 2,747 | SF | WORK ZONE ADVANCE/GENERAL WARNING SIGNING | | | | |
| 96 | LF | PEDESTRIAN CHANNELIZING DE- VICES | | | | |
| Lump Sum | LS | TEMPORARY TRAFFIC CONTROL | | | | |
| 360 | HR | LAW ENFORCEMENT | | | | |
| 5 | EA | GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES | | | | |
| 8 | EA | GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP) | | | | |
| 336,580 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | | | | |
| 525 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) | | | | |
| 2,634 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | | | | |
| 70 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) | | | | |
| 220 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | | | | |
| 1 | EA | HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | | | | |
| 156,429 | LF | PAINT PAVEMENT MARKING LINES (4") | | | | |
| 170 | LF | PAINT PAVEMENT MARKING LINES (6") | | | | |
| 1,899 | LF | PAINT PAVEMENT MARKING LINES (8") | | | | |
| 200 | LF | PAINT PAVEMENT MARKING LINES (16") | | | | |
| 2,165 | LF | PAINT PAVEMENT MARKING LINES (24") | | | | |
| 58 | EA | PAINT PAVEMENT MARKING CHARAC- TER | | | | |
| 201 | EA | PAINT PAVEMENT MARKING SYMBOL | | | | |
| 120 | LF | REMOVAL OF PAVEMENT MARKING LINES (8") | | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 005

CONTRACT ID : C204624 2021CPT.05.19.10921.1 DIV OFFICE DURHAM

LENGTH = 11.680 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 8.0% COMPLETION DATE : NOV 15 2022

1 SECTION OF US-70, AND 2 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

| | | | | | |
|----------|-----|--|--------|----|-----------------------|
| Lump Sum | LS | MOBILIZATION | 39,225 | LF | INDUCTIVE LOOP SAWCUT |
| 6.05 | SMI | GENERIC GRADING ITEM SHOULDER GRADING | | | |
| 30 | TON | INCIDENTAL STONE BASE | | | |
| 950 | TON | AGGREGATE SHOULDER BORROW | | | |
| 551,238 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2") | | | |
| 2,984 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (2") | | | |
| 5,768 | SY | INCIDENTAL MILLING | | | |
| 49,521 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | | | |
| 2,971 | TON | ASPHALT BINDER FOR PLANT MIX | | | |
| 1,256 | TON | PATCHING EXISTING PAVEMENT | | | |
| 956 | LF | 2'-6" CONCRETE CURB & GUTTER | | | |
| 108 | SY | 4" CONCRETE SIDEWALK | | | |
| 82 | EA | RETROFIT EXISTING CURB RAMPS | | | |
| 9 | EA | CONCRETE CURB RAMPS | | | |
| 115 | EA | REMOVE AND REPLACE CURB RAMPS | | | |
| 180 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) | | | |
| 1 | SY | GENERIC PAVING ITEM REMOVE AND REPLACE DRIVEWAY APRON | | | |
| 23 | EA | GENERIC PAVING ITEM REMOVE CURB RAMP | | | |
| 9 | EA | ADJUSTMENT OF MANHOLES | | | |
| 9 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES | | | |
| 732 | SF | WORK ZONE ADVANCE/GENERAL WARNING SIGNING | | | |
| 120 | LF | PEDESTRIAN CHANNELIZING DE- VICES | | | |
| Lump Sum | LS | TEMPORARY TRAFFIC CONTROL | | | |
| 1,080 | HR | LAW ENFORCEMENT | | | |
| 12 | EA | GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICE | | | |
| 100 | EA | GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP) | | | |
| 267,840 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | | | |
| 15,190 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | | | |
| 1,730 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) | | | |
| 96 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) | | | |
| 609 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | | | |
| 35 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II) | | | |
| 8 | EA | COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II) | | | |
| 12 | EA | COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II) | | | |
| 3,210 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") | | | |
| 35 | LF | REMOVAL OF PAVEMENT MARKING LINES (24") | | | |
| 3 | EA | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS | | | |
| 3,210 | LF | GENERIC PAVEMENT MARKING ITEM HOT SPRAY PLASTIC PAVEMENT MARKING LINES (4", 50 MILS) | | | |
| 6,165 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | | | |
| 6,290 | EA | GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 006

CONTRACT ID : C204423 41499.3.3

DIV OFFICE FAYETTEVILLE

LENGTH = 2.183 MI

COUNTY : COLUMBUS

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : JAN 11 2025

US-701 BYPASS (MADISON ST - J K POWELL BLVD) FROM SR-1437 (VIRGIL AVE) TO US-74/76.

| | | ROADWAY ITEMS | | | |
|----------|--------|--------------------------------|--------|-----|--|
| | | | 500 | TON | CLASS IV AGGREGATE STABILIZATION |
| | | | 670 | TON | AGGREGATE BASE COURSE |
| Lump Sum | LS | MOBILIZATION | 4,000 | TON | INCIDENTAL STONE BASE |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 6,300 | SY | MILLING ASPHALT PAVEMENT, **** |
| Lump Sum | LS | CLEARING & GRUBBING .. ACRE(S) | | | DEPTH (1-1/2") |
| | 1 | ACR | 6,590 | SY | INCIDENTAL MILLING |
| | 16,600 | CY | 19,510 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| | 1,400 | CY | 18,430 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C |
| | 37,400 | CY | 2,830 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B |
| | 1,780 | CY | 16,670 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| | 27,840 | SY | 2,900 | TON | ASPHALT BINDER FOR PLANT MIX |
| | 630 | SY | 1,500 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| | 400 | CY | 44.8 | CY | SUBDRAIN EXCAVATION |
| | 19,600 | SY | 200 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS |
| | 1,700 | SF | 33.6 | CY | SUBDRAIN COARSE AGGREGATE |
| | 650 | SY | 200 | LF | 6" PERFORATED SUBDRAIN PIPE |
| | 200 | TON | 1 | EA | SUBDRAIN PIPE OUTLET |
| | | | 6 | LF | 6" OUTLET PIPE |
| | 3,672 | TON | 1,300 | LF | SHOULDER DRAIN |
| | | | 1,300 | LF | 4" SHOULDER DRAIN PIPE |
| | 12,083 | SY | 300 | LF | 4" OUTLET PIPE FOR SHOULDER DRAINS |
| | 100 | LF | 2.3 | CY | ENDWALLS |
| | | | 1.644 | CY | PIPE COLLARS |
| | 560 | LF | 1.883 | CY | PIPE PLUGS |
| | | | 20 | CY | FLOWABLE FILL |
| | 2,224 | LF | 267 | EA | MASONRY DRAINAGE STRUCTURES |
| | 344 | LF | 42.1 | CY | MASONRY DRAINAGE STRUCTURES |
| | 896 | LF | 126.9 | LF | MASONRY DRAINAGE STRUCTURES |
| | 316 | LF | 55 | EA | FRAME WITH TWO GRATES, STD 840.16 |
| | 192 | LF | 7 | EA | FRAME WITH TWO GRATES, STD 840.22 |
| | 140 | LF | 4 | EA | FRAME WITH TWO GRATES, STD 840.24 |
| | 8 | LF | 16 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| | 10 | EA | 27 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) |
| | | | 70 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) |
| | 40 | LF | 67 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) |
| | | | 38 | EA | FRAME WITH COVER, STD 840.54 |
| | 312 | LF | 17 | EA | CONCRETE TRANSITIONAL SECTION FOR DROP INLET |
| | 172 | LF | 2 | EA | *** SLUICE GATE (8") |
| | 96 | LF | 4 | EA | GENERIC DRAINAGE ITEM SEALED PRECAST DRAINAGE STRUCTURES |
| | 292 | LF | 4 | LF | GENERIC DRAINAGE ITEM SEALED PRECAST DRAINAGE STRUCTURES |
| | 544 | LF | 330 | LF | ***X *** CONCRETE CURB (8" X 12") |
| | | | 540 | LF | ***X *** CONCRETE CURB (8" X 18") |
| | 112 | LF | 1,390 | LF | ***X *** CONCRETE CURB (9" X 18") |
| | | | 12,300 | LF | 1'-6" CONCRETE CURB & GUTTER |
| | 6,968 | LF | 20,720 | LF | 2'-6" CONCRETE CURB & GUTTER |
| | 1,212 | LF | 580 | LF | SHOULDER BERM GUTTER |
| | 3,544 | LF | 670 | LF | CONCRETE VALLEY GUTTER |
| | 1,392 | LF | 9,150 | SY | 4" CONCRETE SIDEWALK |
| | 556 | LF | 93 | EA | CONCRETE CURB RAMPS |
| | 740 | LF | 1,530 | SY | 6" CONCRETE DRIVEWAY |
| | 148 | LF | 3,090 | SY | 5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED) |
| | | | | | |
| | 1,276 | LF | | | |
| | | | | | |
| | 188 | LF | | | |
| | | | | | |
| | 9 | EA | | | |
| | | | | | |
| | 8,164 | LF | | | |
| | | | | | |
| Lump Sum | LS | FINE GRADING | | | |
| | 6,500 | CY | | | |
| | | | | | |
| | 12,500 | TON | | | |

| | | | | | |
|---------|-----|---|--------|-----|---|
| | | | 15,207 | LF | 6" WATER LINE |
| | | | 216 | LF | 8" WATER LINE |
| | | | 504 | LF | 10" WATER LINE |
| | | | 1,960 | LF | 12" WATER LINE |
| | | | 41,736 | LB | DUCTILE IRON WATER PIPE FITTINGS |
| | | | 122 | EA | 6" VALVE |
| | | | 14 | EA | 8" VALVE |
| | | | 4 | EA | 10" VALVE |
| | | | 10 | EA | 12" VALVE |
| | | | 40 | EA | RELOCATE WATER METER |
| | | | 16 | EA | RECONNECT WATER METER |
| | | | 11 | EA | RELOCATE FIRE HYDRANT |
| | | | 148 | LF | FIRE HYDRANT LEG |
| | | | 1,559 | LF | WATER SERVICE LINE |
| | | | 4,700 | LF | 8" SANITARY GRAVITY SEWER |
| | | | 763 | LF | 10" SANITARY GRAVITY SEWER |
| | | | 1,492 | LF | 12" SANITARY GRAVITY SEWER |
| | | | 1,154 | LF | 6" FORCE MAIN SEWER |
| | | | 57 | EA | SANITARY SEWER CLEAN-OUT |
| | | | 2,877 | LF | SEWER SERVICE LINE |
| | | | 975 | LB | DUCTILE IRON SEWER PIPE FITTINGS |
| | | | 52 | EA | 4" DIA UTILITY MANHOLE |
| | | | 59.5 | LF | UTILITY MANHOLE WALL 4' DIA |
| | | | 157 | LF | ABANDON *** UTILITY PIPE (1-1/2") |
| | | | 15,542 | LF | ABANDON 6" UTILITY PIPE |
| | | | 5,288 | LF | ABANDON 8" UTILITY PIPE |
| | | | 1,165 | LF | ABANDON 10" UTILITY PIPE |
| | | | 3,584 | LF | ABANDON 12" UTILITY PIPE |
| | | | 31 | EA | ABANDON UTILITY MANHOLE |
| | | | 2 | EA | GENERIC UTILITY ITEM 10" INSERTION VALVE |
| | | | 3 | EA | GENERIC UTILITY ITEM 12" INSERTION VALVE |
| | | | 29 | EA | GENERIC UTILITY ITEM 6" INSERTION VALVE |
| | | | 4 | EA | GENERIC UTILITY ITEM 8" INSERTION VALVE |
| | | | 5 | EA | GENERIC UTILITY ITEM ABANDON UTILITY VAULT |
| | | | 3 | EA | GENERIC UTILITY ITEM REMOVE UTILITY VAULT |
| | | | 2 | EA | GENERIC UTILITY ITEM WATER METER BOX |
| | | | 299 | LF | GENERIC UTILITY ITEM 6" SEWER SERVICE LINE |
| | | | 28,600 | LF | TEMPORARY SILT FENCE |
| | | | 615 | TON | STONE FOR EROSION CONTROL, CLASS A |
| | | | 1,380 | TON | STONE FOR EROSION CONTROL, CLASS B |
| | | | 3,145 | TON | SEDIMENT CONTROL STONE |
| | | | 24 | ACR | TEMPORARY MULCHING |
| | | | 1,400 | LB | SEED FOR TEMPORARY SEEDING |
| | | | 8 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| | | | 800 | LF | TEMPORARY SLOPE DRAINS |
| | | | 1,800 | LF | SAFETY FENCE |
| | | | 4,150 | CY | SILT EXCAVATION |
| | | | 31,350 | SY | MATTING FOR EROSION CONTROL |
| | | | 100 | SY | COIR FIBER MAT |
| | | | 12,785 | LF | 1/4" HARDWARE CLOTH |
| | | | 300 | SY | LOW PERMEABILITY GEOTEXTILE |
| | | | 2,260 | LF | COIR FIBER WATTLE |
| | | | 545 | LB | POLYACRYLAMIDE (PAM) |
| | | | 800 | LF | COIR FIBER BAFFLE |
| | | | 3 | EA | *** SKIMMER (2") |
| | | | 24 | ACR | SEEDING & MULCHING |
| | | | 12 | ACR | MOWING |
| | | | 300 | LB | SEED FOR REPAIR SEEDING |
| | | | 0.75 | TON | FERTILIZER FOR REPAIR SEEDING |
| | | | 525 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| | | | 15.75 | TON | FERTILIZER TOPDRESSING |
| | | | 10 | MHR | SPECIALIZED HAND MOWING |
| | | | 75 | EA | RESPONSE FOR EROSION CONTROL |
| | | | 6 | EA | CONCRETE WASHOUT STRUCTURE |
| | | | 135 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT |
| | | | 30 | EA | GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE |
| | | | 32 | EA | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN) |
| | | | 15,920 | LF | SIGNAL CABLE |
| | | | 4 | EA | VEHICLE SIGNAL HEAD (12", 1 SECTION) |
| | | | 67 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) |
| 1,000 | SY | GENERIC PAVING ITEM 9" JOINTED CONCRETE TRUCK APRON | | | |
| 720 | LF | GENERIC PAVING ITEM 2" ROLLED CONCRETE CURB | | | |
| 1 | EA | ADJUSTMENT OF DROP INLETS | | | |
| 5 | EA | ADJUSTMENT OF MANHOLES | | | |
| 2 | EA | CONVERT EXISTING CATCH BASIN TO JUNCTION BOX | | | |
| 2,400 | LF | STEEL BEAM GUARDRAIL | | | |
| 2 | EA | W-TR STEEL BEAM GUARDRAIL TRANSITION SECTIONS | | | |
| 55 | EA | EXTRA LENGTH GUARDRAIL POST (*** STEEL) (8') | | | |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS | | | |
| 4 | EA | GUARDRAIL END UNITS, TYPE CAT-1 | | | |
| 4 | EA | GUARDRAIL END UNITS, TYPE TL-3 | | | |
| 1,870 | LF | REMOVE EXISTING GUARDRAIL | | | |
| 60 | LF | GENERIC FENCING ITEM PEDESTRIAN SAFETY RAIL | | | |
| 170 | TON | RIP RAP, CLASS I | | | |
| 110 | TON | RIP RAP, CLASS B | | | |
| 2,200 | SY | GEOTEXTILE FOR DRAINAGE | | | |
| 2,519 | LB | SUPPORTS, BREAKAWAY STEEL BEAM | | | |
| 1,450 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL | | | |
| 17 | EA | SIGN ERECTION, TYPE D | | | |
| 93 | EA | SIGN ERECTION, TYPE E | | | |
| 20 | EA | SIGN ERECTION, TYPE F | | | |
| 3 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (A) | | | |
| 1 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E) | | | |
| 105 | EA | DISPOSAL OF SIGN SYSTEM, U- CHANNEL | | | |
| 1,262 | SF | WORK ZONE SIGNS (STATIONARY) | | | |
| 224 | SF | WORK ZONE SIGNS (PORTABLE) | | | |
| 106 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) | | | |
| 4 | EA | FLASHING ARROW BOARD | | | |
| 4 | EA | PORTABLE CHANGEABLE MESSAGE SIGN | | | |
| 600 | EA | DRUMS | | | |
| 30 | EA | SEQUENTIAL FLASHING WARNING LIGHTS | | | |
| 650 | EA | CONES | | | |
| 120 | LF | BARRICADES (TYPE III) | | | |
| 64 | LF | PEDESTRIAN CHANNELIZING DE- VICES | | | |
| 480 | DAY | FLAGGER | | | |
| 2 | EA | TMA | | | |
| 8,000 | LF | WATER FILLED BARRIER | | | |
| 6,000 | LF | REMOVE AND RESET WATER FILLED BARRIER | | | |
| 240 | HR | LAW ENFORCEMENT | | | |
| 650 | EA | SKINNY DRUM | | | |
| 259 | EA | TEMPORARY RAISED PAVEMENT MARKERS | | | |
| 70,940 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | | | |
| 4,515 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) | | | |
| 8,750 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | | | |
| 500 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) | | | |
| 231 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | | | |
| 102,501 | LF | PAINT PAVEMENT MARKING LINES (4") | | | |
| 2,200 | LF | PAINT PAVEMENT MARKING LINES (6") | | | |
| 13,631 | LF | PAINT PAVEMENT MARKING LINES (8") | | | |
| 1,304 | LF | PAINT PAVEMENT MARKING LINES (24") | | | |
| 141 | EA | PAINT PAVEMENT MARKING SYMBOL | | | |
| 16,740 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") | | | |
| 1,060 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | | | |
| 20 | EA | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) | | | |
| 925 | EA | SNOWPLOWABLE PAVEMENT MARKERS | | | |
| 30 | LF | *** WATER LINE (1-1/2") | | | |

WALL ITEMS

| | | | | | |
|--------|----|---|-------|----|--------------------------------|
| 18 | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION) | 400 | SF | MSE RETAINING WALL NO **** (1) |
| 8 | EA | VEHICLE SIGNAL HEAD (12", 5 SECTION) | 2,100 | SF | MSE RETAINING WALL NO **** (2) |
| 50 | LF | MESSENGER CABLE (1/4") | | | |
| 3,850 | LF | MESSENGER CABLE (3/8") | | | |
| 3,130 | LF | TRACER WIRE | | | |
| 140 | LF | PAVED TRENCHING (*****) (1, 2") | | | |
| 2,980 | LF | UNPAVED TRENCHING (*****) (1, 2") | | | |
| 130 | LF | UNPAVED TRENCHING (*****) (2, 2") | | | |
| 130 | LF | DIRECTIONAL DRILL (*****) (1, 2") | | | |
| 4 | EA | JUNCTION BOX (*****) (SPECIAL OVER-SIZED HEAVY DUTY) | | | |
| 54 | EA | JUNCTION BOX (STANDARD SIZE) | | | |
| 6 | EA | JUNCTION BOX (OVER-SIZED, HEAVY DUTY) | | | |
| 17 | EA | WOOD POLE | | | |
| 37 | EA | GUY ASSEMBLY | | | |
| 4 | EA | 1" RISER WITH WEATHERHEAD | | | |
| 2 | EA | 2" RISER WITH WEATHERHEAD | | | |
| 22 | EA | 2" RISER WITH HEAT SHRINK TUBING | | | |
| 5,695 | LF | INDUCTIVE LOOP SAWCUT | | | |
| 13,970 | LF | LEAD-IN CABLE (*****) (14-2) | | | |
| 4 | EA | SITE SURVEY | | | |
| 14 | EA | LUMINAIRE ARM FOR VIDEO SYSTEM | | | |
| 14 | EA | CAMERA WITH INTERNAL LOOP EMULATOR PROCESSING UNIT | | | |
| 1 | EA | WIRELESS MAGNETIC SENSOR VEHICLE DETECTOR SYSTEM | | | |
| 27,500 | LF | COMMUNICATIONS CABLE (**FIBER) (24) | | | |
| 9,700 | LF | DROP CABLE | | | |
| 19 | EA | SPLICE ENCLOSURE | | | |
| 15 | EA | INTERCONNECT CENTER | | | |
| 2 | EA | DELINEATOR MARKER | | | |
| 2 | EA | 900MHZ SERIAL SPREAD SPECTRUM RADIO | | | |
| 4,700 | LF | REMOVE EXISTING COMMUNICATIONS CABLE | | | |
| 16 | EA | METAL STRAIN SIGNAL POLE | | | |
| 16 | EA | SOIL TEST | | | |
| 144 | CY | DRILLED PIER FOUNDATION | | | |
| 42 | EA | SIGN FOR SIGNALS | | | |
| 32 | EA | TYPE II PEDESTAL WITH FOUNDATION | | | |
| 4 | EA | SIGNAL CABINET FOUNDATION | | | |
| 9 | EA | CONTROLLERS WITH CABINET (*****) (2070LX, 332) | | | |
| 6 | EA | CONTROLLERS WITH CABINET (*****) (2070LX, 336S) | | | |
| 62 | EA | DETECTOR CARD (TYPE 170) | | | |
| 2 | EA | BEACON CONTROLLER ASSEMBLY & CABINET (*****) (F3) | | | |
| 4 | EA | GENERIC SIGNAL ITEM CONTRACTOR FURNISHED CONTROLLER (2070LX) | | | |
| 19 | EA | GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH | | | |
| 15 | EA | GENERIC SIGNAL ITEM JUNCTION BOX MARKER | | | |
| 1 | EA | GENERIC SIGNAL ITEM REMOVAL OF QUEUE BACKUP WARNING SYSTEM | | | |

CULVERT ITEMS

| | | | | | |
|----------|-----|--|--|--|--|
| Lump Sum | LS | CULVERT EXCAVATION, STA ***** (172+34.91 -L-) | | | |
| 67 | TON | FOUNDATION CONDITIONING MATERIAL, BOX CULVERT | | | |
| 106.6 | CY | CLASS A CONCRETE (CULVERT) | | | |
| 9,295 | LB | REINFORCING STEEL (CULVERT) | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 007

CONTRACT ID : C204571 44997.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 1.006 MI

COUNTY : COLUMBUS

DRAINAGE, GRADING, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : FEB 28 2025

US-74 AT SR-1506.

| ROADWAY ITEMS | | | | | |
|---------------|-----|--|---------|-----|---|
| | | | 42 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| | | | 20,000 | LF | MILLED RUMBLE STRIPS (ASPHALT CONCRETE) |
| | | | 896 | CY | SUBDRAIN EXCAVATION |
| | | | 2,000 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS |
| | | | 336 | CY | SUBDRAIN FINE AGGREGATE |
| | | | 336 | CY | SUBDRAIN COARSE AGGREGATE |
| | | | 4,000 | LF | 6" PERFORATED SUBDRAIN PIPE |
| | | | 8 | EA | SUBDRAIN PIPE OUTLET |
| | | | 48 | LF | 6" OUTLET PIPE |
| | | | 1 | EA | TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE |
| | | | 6.8 | CY | ENDWALLS |
| | | | 1.71 | CY | PIPE COLLARS |
| | | | 34 | CY | FLOWABLE FILL |
| | | | 58 | EA | MASONRY DRAINAGE STRUCTURES |
| | | | 5.6 | LF | MASONRY DRAINAGE STRUCTURES |
| | | | 5 | EA | FRAME WITH TWO GRATES, STD 840.16 |
| | | | 9 | EA | FRAME WITH TWO GRATES, STD 840.20 |
| | | | 13 | EA | FRAME WITH TWO GRATES, STD 840.22 |
| | | | 4 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) |
| | | | 14 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) |
| | | | 12 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) |
| | | | 1 | EA | FRAME WITH COVER, STD 840.54 |
| | | | 3 | EA | CONCRETE TRANSITIONAL SECTION FOR DROP INLET |
| | | | 9,705 | SF | GENERIC GRADING ITEM (SF) ARTIFICIAL TURF |
| | | | 500 | LF | ***X *** CONCRETE CURB (8" X 18") |
| | | | 340 | LF | ***X *** CONCRETE CURB (9" X 12") |
| | | | 800 | LF | 1'-6" CONCRETE CURB & GUTTER |
| | | | 7,500 | LF | 2'-6" CONCRETE CURB & GUTTER |
| | | | 1,350 | LF | SHOULDER BERM GUTTER |
| | | | 1 | EA | MODIFIED CONCRETE FLUME |
| | | | 680 | LF | CONCRETE EXPRESSWAY GUTTER |
| | | | 70 | SY | 6" CONCRETE DRIVEWAY |
| | | | 2,451 | SY | 4" CONCRETE ISLAND COVER |
| | | | 650 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) |
| | | | 1,270 | SY | GENERIC PAVING ITEM 12" CONCRETE TRUCK APRON |
| | | | 110 | LF | GENERIC PAVING ITEM MEDIAN HAZARD PROTECTION |
| | | | 1 | EA | ADJUSTMENT OF DROP INLETS |
| | | | 4 | EA | ADJUSTMENT OF MANHOLES |
| | | | 2 | EA | CONVERT EXISTING DROP INLET TO JUNCTION BOX |
| | | | 2 | EA | IMPACT ATTENUATOR UNITS, TYPE TL-3 |
| | | | 4,062.5 | LF | STEEL BEAM GUARDRAIL |
| | | | 162.5 | LF | STEEL BEAM GUARDRAIL, SHOP CURVED |
| | | | 10 | EA | ADDITIONAL GUARDRAIL POSTS |
| | | | 1 | EA | GUARDRAIL END UNITS, TYPE AT-1 |
| | | | 6 | EA | GUARDRAIL END UNITS, TYPE CAT-1 |
| | | | 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| | | | 9 | EA | GUARDRAIL END UNITS, TYPE TL-3 |
| | | | 3 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 |
| | | | 3,663.5 | LF | REMOVE EXISTING GUARDRAIL |
| | | | 5,700 | LF | REMOVE EXISTING GUIDERAIL |
| | | | 1,625 | LF | TEMPORARY STEEL BEAM GUARDRAIL |
| Lump Sum | LS | MOBILIZATION | | | |
| Lump Sum | LS | CONSTRUCTION SURVEYING | | | |
| Lump Sum | LS | CLEARING & GRUBBING .. ACRE(S) | | | |
| 2 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | | | |
| 20,100 | CY | UNCLASSIFIED EXCAVATION | | | |
| Lump Sum | LS | TYPE I STANDARD APPROACH FILL STATION ***** (30+65.33 -Y1B-) | | | |
| 33,800 | CY | UNDERCUT EXCAVATION | | | |
| 617,000 | CY | BORROW EXCAVATION | | | |
| 465 | CY | DRAINAGE DITCH EXCAVATION | | | |
| 26,500 | SY | REMOVAL OF EXISTING ASPHALT PAVEMENT | | | |
| 32,350 | CY | SELECT GRANULAR MATERIAL | | | |
| 42,950 | SY | GEOTEXTILE FOR SOIL STABILIZATION | | | |
| 600 | SF | TEMPORARY SHORING | | | |
| 50 | TON | GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL | | | |
| 710 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | | | |
| 2,210 | SY | FOUNDATION CONDITIONING GEOTEXTILE | | | |
| 20 | LF | *** SIDE DRAIN PIPE (12") | | | |
| 32 | LF | *** SIDE DRAIN PIPE (30") | | | |
| 1,784 | LF | 15" SIDE DRAIN PIPE | | | |
| 384 | LF | 18" SIDE DRAIN PIPE | | | |
| 32 | LF | 24" SIDE DRAIN PIPE | | | |
| 14 | EA | *** SIDE DRAIN PIPE ELBOWS (15") | | | |
| 128 | LF | **** RC PIPE CULVERTS, CLASS ***** (24", CLASS V) | | | |
| 280 | LF | **** RC PIPE CULVERTS, CLASS ***** (36", CLASS V) | | | |
| 124 | LF | 15" RC PIPE CULVERTS, CLASS III | | | |
| 204 | LF | 30" RC PIPE CULVERTS, CLASS III | | | |
| 436 | LF | 36" RC PIPE CULVERTS, CLASS III | | | |
| 1,880 | LF | 15" RC PIPE CULVERTS, CLASS IV | | | |
| 72 | LF | 18" RC PIPE CULVERTS, CLASS IV | | | |
| 176 | LF | 24" RC PIPE CULVERTS, CLASS IV | | | |
| 460 | LF | 36" RC PIPE CULVERTS, CLASS IV | | | |
| 1 | EA | *** PIPE END SECTION (15") | | | |
| 524 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (18", 0.500") | | | |
| 92 | LF | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500") | | | |
| 1 | EA | PIPE CLEAN OUT | | | |
| 131 | SY | 6" SLOPE PROTECTION | | | |
| Lump Sum | LS | FINE GRADING | | | |
| 500 | CY | SHALLOW UNDERCUT | | | |
| 950 | TON | CLASS IV SUBGRADE STABILIZATION | | | |
| 7,900 | TON | AGGREGATE BASE COURSE | | | |
| 500 | TON | INCIDENTAL STONE BASE | | | |
| 1,900 | SY | INCIDENTAL MILLING | | | |
| 20,700 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | | | |
| 22,300 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | | | |
| 5,000 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | |
| 11,250 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | | | |
| 3,015 | TON | ASPHALT BINDER FOR PLANT MIX | | | |

| | | | | | |
|--------|-----|---|--------|-----|---|
| | | | 75 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| | | | 840 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 3 | EA | TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3) | 95 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 6,300 | LF | CABLE GUIDERAIL | 9,950 | LF | WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 4" |
| 10 | EA | ADDITIONAL GUIDERAIL POSTS | 72,670 | LF | WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 6" |
| 10 | EA | CABLE GUIDERAIL ANCHOR UNITS | 3,500 | LF | WORK ZONE PERFORMANCE PAVEMENT MARKING LINES, 12" |
| 1 | EA | GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE CAT-1 | 8,000 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| 4,500 | LF | WOVEN WIRE FENCE, 47" FABRIC | 920 | LF | GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6", 20 MILS (STANDARD GLASS BEADS) |
| 278 | EA | 4" TIMBER FENCE POSTS, 7'-6" LONG | 200 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) |
| 78 | EA | 5" TIMBER FENCE POSTS, 8'-0" LONG | 480 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 600 | LF | CHAIN LINK FENCE, 48" FABRIC | 80 | EA | 7" U-CHANNEL POSTS |
| 47 | EA | METAL LINE POSTS FOR 48" CHAIN LINK FENCE | 426 | LF | 6" WATER LINE |
| 8 | EA | METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE | 160 | LF | 8" WATER LINE |
| 300 | TON | RIP RAP, CLASS I | 665 | LB | DUCTILE IRON WATER PIPE FITTINGS |
| 200 | TON | RIP RAP, CLASS B | 1 | EA | 6" VALVE |
| 1,700 | SY | GEOTEXTILE FOR DRAINAGE | 1 | EA | 8" TAPPING SLEEVE & VALVE |
| 535 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (A) | 1 | EA | 2" BLOW OFF |
| 165 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (B) | 1 | EA | *** WATER METER (2") |
| 115 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (D) | 1 | EA | *** RPZ BACKFLOW PREVENTION ASSEMBLY (2") |
| 450 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (E) | 118 | LF | *** WATER SERVICE LINE (2") |
| 170 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (F) | 320 | LF | *** SANITARY GRAVITY SEWER (15") |
| 8 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (MILEMARKER) | 162 | LF | 8" SANITARY GRAVITY SEWER |
| 4 | CY | REINFORCED CONCRETE SIGN FOUNDATIONS | 2,923 | LF | 10" FORCE MAIN SEWER |
| 1 | CY | PLAIN CONCRETE SIGN FOUNDATIONS | 2,580 | LB | DUCTILE IRON SEWER PIPE FITTINGS |
| 853 | LB | SUPPORTS, BREAKAWAY STEEL BEAM | 4 | EA | 4' DIA UTILITY MANHOLE |
| 2,517 | LB | SUPPORTS, SIMPLE STEEL BEAM | 483 | LF | ABANDON *** UTILITY PIPE (15") |
| 1,330 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL | 652 | LF | ABANDON *** UTILITY PIPE (2") |
| 2 | EA | SUPPORTS, 2-LB STEEL U-CHANNEL | 2,320 | LF | ABANDON 10" UTILITY PIPE |
| 8 | EA | SIGN ERECTION, TYPE D | 1 | EA | ABANDON UTILITY MANHOLE |
| 58 | EA | SIGN ERECTION, TYPE E | 286 | LF | 20" ENCASEMENT PIPE |
| 9 | EA | SIGN ERECTION, TYPE F | 171 | LF | BORE AND JACK OF *** (20") |
| 8 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) | 123 | LF | DIRECTIONAL DRILLING OF *** (8") |
| 6 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) | 30,145 | LF | TEMPORARY SILT FENCE |
| 2 | EA | SIGN ERECTION, MILEMARKERS | 360 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 4 | EA | STOCKPILE SIGN SYSTEM, STEEL BEAM | 1,200 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 38 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | 1,000 | TON | SEDIMENT CONTROL STONE |
| 812 | SF | WORK ZONE SIGNS (STATIONARY) | 40 | ACR | TEMPORARY MULCHING |
| 192 | SF | WORK ZONE SIGNS (PORTABLE) | 2,300 | LB | SEED FOR TEMPORARY SEEDING |
| 71 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) | 12.5 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 2 | EA | FLASHING ARROW BOARD | 2,500 | LF | TEMPORARY SLOPE DRAINS |
| 6 | EA | PORTABLE CHANGEABLE MESSAGE SIGN | 6,800 | LF | SAFETY FENCE |
| 8 | EA | WORK ZONE DIGITAL SPEED LIMIT SIGNS | 10,600 | CY | SILT EXCAVATION |
| 325 | EA | DRUMS | 15,000 | SY | MATTING FOR EROSION CONTROL |
| 24 | EA | SEQUENTIAL FLASHING WARNING LIGHTS | 100 | SY | COIR FIBER MAT |
| 50 | EA | CONES | 125 | SY | PERMANENT SOIL REINFORCEMENT MAT |
| 152 | LF | BARRICADES (TYPE III) | 2,840 | LF | 1/4" HARDWARE CLOTH |
| 180 | DAY | FLAGGER | 160 | SY | LOW PERMEABILITY GEOTEXTILE |
| 6 | EA | TEMPORARY CRASH CUSHIONS | 3,700 | LF | COIR FIBER WATTLE |
| 2 | EA | TMA | 1,485 | LB | POLYACRYLAMIDE (PAM) |
| 11,500 | LF | PORTABLE CONCRETE BARRIER | 1,500 | LF | COIR FIBER BAFFLE |
| 150 | EA | SKINNY DRUM | 2 | EA | *** SKIMMER (2") |
| 2 | EA | GENERIC TRAFFIC CONTROL ITEM PORTABLE FLASHING BEACONS & DETECTION SYSTEM | 2 | EA | *** SKIMMER (3") |
| 420 | EA | TEMPORARY RAISED PAVEMENT MARKERS | 40 | ACR | SEEDING & MULCHING |
| 45,050 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) | 20 | ACR | MOWING |
| 4,050 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) | 500 | LB | SEED FOR REPAIR SEEDING |
| | | | 2.5 | TON | FERTILIZER FOR REPAIR SEEDING |
| | | | 1,550 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| | | | 46.25 | TON | FERTILIZER TOPDRESSING |
| | | | 35 | MHR | SPECIALIZED HAND MOWING |
| | | | 50 | EA | RESPONSE FOR EROSION CONTROL |
| | | | 6 | EA | CONCRETE WASHOUT STRUCTURE |
| | | | 350 | LF | UNPAVED TRENCHING (***** (1, 2")) |

| | | |
|-----|----|---|
| 320 | LF | DIRECTIONAL DRILL (*****) (1, 2") |
| 8 | EA | JUNCTION BOX (STANDARD SIZE) |
| 1 | EA | WOOD POLE |
| 5 | EA | GENERIC SIGNAL ITEM 5/8" X 10" GROUNDING ELEC- TRODES |
| 1 | EA | GENERIC SIGNAL ITEM CCTV EXTENSION POLE |
| 1 | EA | GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY |
| 2 | EA | GENERIC SIGNAL ITEM DMS ACCESS LADDER |
| 2 | EA | GENERIC SIGNAL ITEM DMS PEDESTAL STRUCTURE |
| 2 | EA | GENERIC SIGNAL ITEM DYNAMIC MESSAGE SIGN (TYPE 2C) |
| 2 | EA | GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT |
| 1 | EA | GENERIC SIGNAL ITEM METER/BASE DISCONNECT COMBINATION PANEL |
| 50 | LF | GENERIC SIGNAL ITEM #4 SOLID BARE COPPER GROUNDING CONDUCTOR |
| 30 | LF | GENERIC SIGNAL ITEM 3-WIRE COPPER SERVICE ENTRANCE CONDUCTORS |
| 700 | LF | GENERIC SIGNAL ITEM 4-WIRE COPPER FEEDER CONDUCTORS |
| 16 | CY | GENERIC SIGNAL ITEM OVERHEAD FOOTINGS |

WALL ITEMS

| | | |
|-------|----|--|
| 2,623 | SF | MSE RETAINING WALL NO **** (1) |
| 2,822 | SF | MSE RETAINING WALL NO **** (2) |
| 5,445 | SF | GENERIC RETAINING WALL ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT |

STRUCTURE ITEMS

| | | |
|----------|----|--|
| Lump Sum | LS | FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 30+65.33 -Y1B-) |
| 1 | EA | PDA TESTING |
| 7,870 | SF | REINFORCED CONCRETE DECK SLAB |
| 7,653 | SF | GROOVING BRIDGE FLOORS |
| 127.2 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (30+65.33 -Y1B-) |
| 18,053 | LB | REINFORCING STEEL (BRIDGE) |
| 1,325 | LB | SPIRAL COLUMN REINFORCING STEEL (BRIDGE) |
| 788 | LF | 54" PRESTRESSED CONCRETE GIR- DERS |
| 28 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) |
| 1,841 | LF | HP12X53 STEEL PILES |
| 14 | EA | PILE REDRIVES |
| 381.16 | LF | TWO BAR METAL RAIL |
| 397.47 | LF | 1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-6") |
| 535 | SY | 4" SLOPE PROTECTION |
| Lump Sum | LS | ELASTOMERIC BEARINGS |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 008

CONTRACT ID : C204483 49072.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.273 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #25 OVER BEAVER DAM CREEK ON NC-242.

| | | ROADWAY ITEMS | | | | | |
|----------|---------|---|--|------------------------|-----|--|--|
| | | | | 203 | EA | PERMANENT RAISED PAVEMENT MARKERS | |
| | | | | 2,450 | LF | TEMPORARY SILT FENCE | |
| Lump Sum | LS | MOBILIZATION | | 75 | TON | STONE FOR EROSION CONTROL, CLASS A | |
| Lump Sum | LS | CONSTRUCTION SURVEYING | | 220 | TON | STONE FOR EROSION CONTROL, CLASS B | |
| Lump Sum | LS | TYPE I STANDARD APPROACH FILL STATION ***** (21+37.00 -L REV-) | | 165 | TON | SEDIMENT CONTROL STONE | |
| Lump Sum | LS | GRADING | | 3 | ACR | TEMPORARY MULCHING | |
| | 1 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | 200 | LB | SEED FOR TEMPORARY SEEDING | |
| | 400 | CY | UNDERCUT EXCAVATION | 1 | TON | FERTILIZER FOR TEMPORARY SEEDING | |
| | 400 | CY | SELECT GRANULAR MATERIAL, CLASS III | 200 | LF | TEMPORARY SLOPE DRAINS | |
| | 400 | SY | GEOTEXTILE FOR SOIL STABILIZATION | 1,600 | LF | SAFETY FENCE | |
| | 430 | SY | GEOTEXTILE FOR ROCK EMBANKMENTS | 220 | CY | SILT EXCAVATION | |
| | 260 | TON | GENERIC GRADING ITEM RIP RAP, CLASS A | 1,950 | SY | MATTING FOR EROSION CONTROL | |
| | 925 | TON | GENERIC GRADING ITEM RIP RAP, CLASS II | 100 | SY | COIR FIBER MAT | |
| | 20 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 60 | LF | 1/4" HARDWARE CLOTH | |
| | 40 | SY | FOUNDATION CONDITIONING GEOTEXTILE | 92 | SY | FLOATING TURBIDITY CURTAIN | |
| | 36 | LF | 15" SIDE DRAIN PIPE | 4 | EA | SPECIAL STILLING BASINS | |
| | 32 | LF | 18" SIDE DRAIN PIPE | 240 | LF | COIR FIBER WATTLE | |
| | 48 | LF | 15" CS PIPE CULVERTS, 0.064" THICK | 35 | LB | POLYACRYLAMIDE (PAM) | |
| | 4 | EA | *** CS PIPE ELBOWS, ***** THICK (15", 0.064") | 3.5 | ACR | SEEDING & MULCHING | |
| | 325 | TON | #57 STONE | 1.7 | ACR | MOWING | |
| | 836 | TON | AGGREGATE BASE COURSE | 50 | LB | SEED FOR REPAIR SEEDING | |
| | 50 | TON | INCIDENTAL STONE BASE | 0.25 | TON | FERTILIZER FOR REPAIR SEEDING | |
| | 2.85 | SMI | SHOULDER RECONSTRUCTION | 75 | LB | SEED FOR SUPPLEMENTAL SEEDING | |
| | 1,235 | SY | INCIDENTAL MILLING | 2 | TON | FERTILIZER TOPDRESSING | |
| | 2,090 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | 165 | LF | IMPERVIOUS DIKE | |
| | 660 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | 10 | MHR | SPECIALIZED HAND MOWING | |
| | 7,590 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | 15 | EA | RESPONSE FOR EROSION CONTROL | |
| | 635 | TON | ASPHALT BINDER FOR PLANT MIX | 2 | EA | CONCRETE WASHOUT STRUCTURE | |
| | 112 | CY | SUBDRAIN EXCAVATION | STRUCTURE ITEMS | | | |
| | 500 | SY | GEOTEXTILE FOR SUBSURFACE DRAINS | Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+37.00 -L REV-) | |
| | 84 | CY | SUBDRAIN COARSE AGGREGATE | Lump Sum | LS | ASBESTOS ASSESSMENT | |
| | 500 | LF | 6" PERFORATED SUBDRAIN PIPE | 1 | EA | PDA TESTING | |
| | 1 | EA | SUBDRAIN PIPE OUTLET | Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+37.00 -L REV-) | |
| | 6 | LF | 6" OUTLET PIPE | 3,988 | SF | REINFORCED CONCRETE DECK SLAB | |
| | 2 | EA | MASONRY DRAINAGE STRUCTURES | 4,110 | SF | GROOVING BRIDGE FLOORS | |
| | 2 | EA | FRAME WITH TWO GRATES, STD 840.29 | 49.9 | CY | CLASS A CONCRETE (BRIDGE) | |
| | 34 | LF | SHOULDER BERM GUTTER | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (21+37.00 -L REV-) | |
| | 587.5 | LF | STEEL BEAM GUARDRAIL | 6,988 | LB | REINFORCING STEEL (BRIDGE) | |
| | 5 | EA | ADDITIONAL GUARDRAIL POSTS | 429 | LF | 36" PRESTRESSED CONCRETE GIRDERS | |
| | 4 | EA | GUARDRAIL END UNITS, TYPE TL-3 | 10 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) | |
| | 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 | 5 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** GALVANIZED STEEL PILES (HP 14 X 73) | |
| | 8 | TON | RIP RAP, CLASS B | 685 | LF | HP12X53 STEEL PILES | |
| | 531 | SY | GEOTEXTILE FOR DRAINAGE | 330 | LF | HP14X73 GALVANIZED STEEL PILES | |
| | 609 | SF | WORK ZONE SIGNS (STATIONARY) | 9 | EA | PILE REDRIVES | |
| | 96 | SF | WORK ZONE SIGNS (PORTABLE) | 216.67 | LF | CONCRETE BARRIER RAIL | |
| | 139 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) | 35 | TON | RIP RAP, CLASS B | |
| | 65 | EA | DRUMS | 540 | TON | RIP RAP CLASS II (2'-0" THICK) | |
| | 65 | EA | CONES | 593 | SY | GEOTEXTILE FOR DRAINAGE | |
| | 136 | LF | BARRICADES (TYPE III) | Lump Sum | LS | ELASTOMERIC BEARINGS | |
| | 100 | DAY | FLAGGER | | | | |
| | 65 | EA | SKINNY DRUM | | | | |
| | 185 | EA | TEMPORARY RAISED PAVEMENT MARKERS | | | | |
| | 65,000 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | | | | |
| | 118,400 | LF | PAINT PAVEMENT MARKING LINES (4") | | | | |

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|----------|-----|---|----------|-----|--|
| | | | 3 | CY | REINFORCED CONCRETE SIGN FOUNDATIONS |
| | | | 1 | CY | PLAIN CONCRETE SIGN FOUNDATIONS |
| 17 | EA | FRAME WITH TWO GRATES, STD 840.16 | 120 | CY | OVERHEAD FOOTING |
| 28 | EA | FRAME WITH TWO GRATES, STD 840.20 | 2,665 | LB | SUPPORTS, BREAKAWAY STEEL BEAM |
| 44 | EA | FRAME WITH TWO GRATES, STD 840.22 | 1,730 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| 1 | EA | FRAME WITH TWO GRATES, STD 840.24 | 4 | EA | SUPPORTS, 2-LB STEEL U-CHANNEL |
| 4 | EA | FRAME WITH TWO GRATES, STD 840.29 | Lump Sum | LS | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (33+50.00 -Y-) |
| 4 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) | Lump Sum | LS | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (40+24.00 -Y-) |
| 18 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) | Lump Sum | LS | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (42+44.00 -Y-) |
| 22 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) | Lump Sum | LS | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (46+80.00 -Y-) |
| 22 | EA | FRAME WITH COVER, STD 840.54 | Lump Sum | LS | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (47+08.00 -L-) |
| 17 | EA | CONCRETE TRANSITIONAL SECTION FOR DROP INLET | Lump Sum | LS | SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (78+18.00 -L-) |
| 13 | EA | GENERIC DRAINAGE ITEM SEALED PRECAST DRAINAGE STRUCTURE | 119 | EA | SIGN ERECTION, TYPE E |
| 17 | LF | GENERIC DRAINAGE ITEM SEALED PRECAST DRAINAGE STRUCTURE | 4 | EA | SIGN ERECTION, TYPE F |
| 6,800 | LF | 1'-6" CONCRETE CURB & GUTTER | 10 | EA | SIGN ERECTION, TYPE *** (OVERHEAD) (A) |
| 8,900 | LF | 2'-6" CONCRETE CURB & GUTTER | 4 | EA | SIGN ERECTION, TYPE *** (OVERHEAD) (B) |
| 2,800 | LF | SHOULDER BERM GUTTER | 6 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) |
| 1,080 | LF | CONCRETE EXPRESSWAY GUTTER | 3 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) |
| 4,500 | SY | 4" CONCRETE SIDEWALK | 4 | EA | SIGN ERECTION, MILEMARKERS |
| 27 | EA | CONCRETE CURB RAMPS | 10 | EA | DISPOSAL OF SIGN SYSTEM, STEEL BEAM |
| 110 | SY | 6" CONCRETE DRIVEWAY | 87 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 33 | SY | 4" CONCRETE PAVED DITCH | 1 | EA | DISPOSAL OF SIGN, A OR B (OVERHEAD) |
| 130 | SY | 4" CONCRETE ISLAND COVER | 1,312 | SF | WORK ZONE SIGNS (STATIONARY) |
| 2,000 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) | 816 | SF | WORK ZONE SIGNS (PORTABLE) |
| 900 | LF | CONCRETE BARRIER, TYPE ***** (IV) | 160 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 660 | LF | PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED | 4 | EA | FLASHING ARROW BOARD |
| Lump Sum | LS | GENERIC PAVING ITEM 42" CONCRETE BARRIER WITH MOMENT SLAB | 4 | EA | PORTABLE CHANGEABLE MESSAGE SIGN |
| 7 | EA | ADJUSTMENT OF DROP INLETS | 150 | DAY | PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM) |
| 10 | EA | CONVERT EXISTING DROP INLET TO JUNCTION BOX | 390 | EA | DRUMS |
| 4 | EA | IMPACT ATTENUATOR UNITS, TYPE TL-3 | 24 | EA | SEQUENTIAL FLASHING WARNING LIGHTS |
| 12,300 | LF | STEEL BEAM GUARDRAIL | 215 | EA | CONES |
| 675 | LF | STEEL BEAM GUARDRAIL, SHOP CURVED | 632 | LF | BARRICADES (TYPE III) |
| 10 | EA | ADDITIONAL GUARDRAIL POSTS | 16 | LF | PEDESTRIAN CHANNELIZING DEVICES |
| 9 | EA | GUARDRAIL END UNITS, TYPE CAT-1 | 1,010 | DAY | FLAGGER |
| 11 | EA | GUARDRAIL END UNITS, TYPE TL-3 | 8 | EA | TEMPORARY CRASH CUSHIONS |
| 10 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 | 19 | EA | REMOVE & RESET TEMPORARY CRASH CUSHION |
| 6,300 | LF | REMOVE EXISTING GUARDRAIL | 4 | EA | TMA |
| 11,300 | LF | TEMPORARY STEEL BEAM GUARDRAIL | 16,160 | LF | PORTABLE CONCRETE BARRIER |
| 900 | LF | DOUBLE FACED CABLE GUIDERAIL | 29,140 | LF | REMOVE AND RESET PORTABLE CONCRETE BARRIER |
| 5 | EA | ADDITIONAL GUIDERAIL POSTS | 216 | HR | LAW ENFORCEMENT |
| 2 | EA | CABLE GUIDERAIL ANCHOR UNITS | 136 | EA | SKINNY DRUM |
| 2 | EA | GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE TL-3 | 2 | EA | GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES |
| 1 | EA | GENERIC GUARDRAIL ITEM TEMPORARY IMPACT ATTENUATOR UNITS, TYPE TL-3 | 50 | EA | GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP) |
| 2 | EA | GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNITS, TYPE CAT-1 | | | |
| 15,500 | LF | WOVEN WIRE FENCE, 47" FABRIC | 1,796 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 1,000 | EA | 4" TIMBER FENCE POSTS, 7'-6" LONG | 22,275 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 220 | EA | 5" TIMBER FENCE POSTS, 8'-0" LONG | 48,056 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) |
| 2 | EA | DOUBLE GATES, *** HIGH, *** WIDE, ** OPENING (47", 7'-6", 15') | 4,394 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) |
| 500 | TON | RIP RAP, CLASS I | 4,723 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) |
| 650 | TON | RIP RAP, CLASS II | 32 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) |
| 10 | TON | RIP RAP, CLASS A | 139 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 2,600 | TON | RIP RAP, CLASS B | 24 | EA | HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 100 | TON | BOULDERS | | | |
| 10,700 | SY | GEOTEXTILE FOR DRAINAGE | | | |
| 4 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON | | | |

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|---------|----|---|----------|----|---|
| | | | 1 | EA | ELECTRICAL JUNCTION BOXES ***** (CS36) |
| 991 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II) | 4 | EA | ELECTRICAL JUNCTION BOXES ***** (HM18) |
| 411 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV) | 17 | EA | ELECTRICAL JUNCTION BOXES ***** (IG18) |
| 103 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II) | 1 | EA | ELECTRICAL JUNCTION BOXES ***** (IG30) |
| 102 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV) | 4 | EA | ELECTRICAL JUNCTION BOXES ***** (IG36) |
| 24 | EA | COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II) | 18 | EA | ELECTRICAL JUNCTION BOXES ***** (LS18) |
| 24 | EA | COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (IV) | 8 | EA | UNDERPASS LUMINARIES ***** (WM) |
| 3 | EA | COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II) | Lump Sum | LS | UNDERPASS CIRCUITRY AT ***** (UPL-1) |
| 3 | EA | COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV) | Lump Sum | LS | UNDERPASS CIRCUITRY AT ***** (UPL-2) |
| 92,930 | LF | PAINT PAVEMENT MARKING LINES (4") | 32 | EA | PORTABLE LIGHTING GENERIC LIGHTING ITEM 120' HIGH MOUNT LUMINAIRE - LED |
| 220,592 | LF | PAINT PAVEMENT MARKING LINES (6") | 1 | EA | GENERIC LIGHTING ITEM COMMUNICATION GATEWAY |
| 10,124 | LF | PAINT PAVEMENT MARKING LINES (8") | 53 | EA | GENERIC LIGHTING ITEM CONTROL NODE |
| 25,207 | LF | PAINT PAVEMENT MARKING LINES (12") | 1 | EA | GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, TYPE RW, 240/480V |
| 1,966 | LF | PAINT PAVEMENT MARKING LINES (24") | 21 | EA | GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD LUMINAIRE - 185W LED |
| 88 | EA | PAINT PAVEMENT MARKING CHARACTER | 60 | LF | 6" WATER LINE |
| 338 | EA | PAINT PAVEMENT MARKING SYMBOL | 146 | LF | 8" WATER LINE |
| 11,907 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") | 199 | LF | 12" WATER LINE |
| 36,291 | LF | REMOVAL OF PAVEMENT MARKING LINES (6") | 2,012 | LF | 20" WATER LINE |
| 393 | LF | REMOVAL OF PAVEMENT MARKING LINES (8") | 55 | LF | 30" WATER LINE |
| 7,500 | LF | REMOVAL OF PAVEMENT MARKING LINES (12") | 28,120 | LB | DUCTILE IRON WATER PIPE FITTINGS |
| 60 | LF | REMOVAL OF PAVEMENT MARKING LINES (24") | 2 | EA | 6" VALVE |
| 58 | EA | REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS | 3 | EA | 8" VALVE |
| 967 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) | 1 | EA | 12" VALVE |
| 940 | EA | GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER | 5 | EA | 20" VALVE |
| 27 | EA | PERMANENT RAISED PAVEMENT MARKERS | 1 | EA | 2" AIR RELEASE VALVE |
| 4 | EA | 120' HIGH MOUNT STANDARD | 1 | EA | *** BLOW OFF (1-1/2") |
| 1 | EA | PORTABLE DRIVE UNIT | 2 | EA | RELOCATE WATER METER |
| 15 | EA | LIGHT STANDARDS, TYPE MTLT ***** (45' SA, 15' ARM) | 5 | EA | FIRE HYDRANT |
| 3 | EA | LIGHT STANDARDS, TYPE MTLT ***** (45' TA, 15' ARM) | 1 | EA | RELOCATE FIRE HYDRANT |
| 16 | EA | STANDARD FOUNDATION ***** (R1) | 128 | LF | FIRE HYDRANT LEG |
| 2 | EA | STANDARD FOUNDATION ***** (R2) | 4 | EA | 20" LINE STOP |
| 1 | EA | ELECTRIC SERVICE POLE ***** (30' CLASS 4) | 28 | LF | WATER SERVICE LINE |
| 25 | LF | ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE) | 1,848 | LF | *** SANITARY GRAVITY SEWER (36") |
| 450 | LF | ELECTRICAL DUCT, TYPE BD, SIZE ***** (2") | 469 | LF | 8" SANITARY GRAVITY SEWER |
| 495 | LF | ELECTRICAL DUCT, TYPE JA, SIZE ***** (3") | 2 | EA | SANITARY SEWER CLEAN-OUT |
| 310 | LF | ELECTRICAL DUCT, TYPE JA, SIZE ***** (4") | 50 | LF | SEWER SERVICE LINE |
| 475 | LF | ** #8 W/G FEEDER CIRCUIT (2) | 870 | LB | DUCTILE IRON SEWER PIPE FITTINGS |
| 945 | LF | ** #4 W/G FEEDER CIRCUIT (2) | 2 | EA | 4' DIA UTILITY MANHOLE |
| 7,725 | LF | ** #8 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5") | 3 | EA | 5' DIA UTILITY MANHOLE |
| 4,430 | LF | ** #4 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5") | 8 | LF | UTILITY MANHOLE WALL 4' DIA |
| | | | 6 | LF | UTILITY MANHOLE WALL 5' DIA |
| | | | 216 | LF | ABANDON 8" UTILITY PIPE |
| | | | 232 | LF | ABANDON 10" UTILITY PIPE |
| | | | 394 | LF | ABANDON 12" UTILITY PIPE |
| | | | 1,507 | LF | ABANDON 16" UTILITY PIPE |
| | | | 1,738 | LF | ABANDON 20" UTILITY PIPE |
| | | | 1,689 | LF | ABANDON 30" UTILITY PIPE |
| | | | 5 | EA | REMOVE FIRE HYDRANT |
| | | | 6 | EA | ABANDON UTILITY MANHOLE |
| | | | 1,040 | LF | *** ENCASMENT PIPE (60") |
| | | | 340 | LF | 18" ENCASMENT PIPE |
| | | | 400 | LF | 36" ENCASMENT PIPE |
| | | | 225 | LF | BORE AND JACK OF *** (36") |
| | | | 670 | LF | TUNNELING OF *** (60") |
| | | | 9 | EA | GENERIC UTILITY ITEM 6' DIA POLYMER CONCRETE UTILITY MANHOLE |
| | | | 1 | EA | GENERIC UTILITY ITEM 8" PRESSURE RELIEF VALVE IN 7' DIA MANHOLE |
| | | | 6 | EA | GENERIC UTILITY ITEM CONCRETE ANTI-SEEP PIPE COLLARS |

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| 92 | LF | GENERIC UTILITY ITEM |
| | | POLYMER CONCRETE UTILITY MAN- HOLE WALL, 6' DIA |
| 40,870 | LF | TEMPORARY SILT FENCE |
| 2,240 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 15,485 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 7,325 | TON | SEDIMENT CONTROL STONE |
| 120.5 | ACR | TEMPORARY MULCHING |
| 5,900 | LB | SEED FOR TEMPORARY SEEDING |
| 30.5 | TON | FERTILIZER FOR TEMPORARY SEED- ING |
| 1,785 | LF | TEMPORARY SLOPE DRAINS |
| 6,200 | LF | SAFETY FENCE |
| 68,460 | CY | SILT EXCAVATION |
| 88,320 | SY | MATting FOR EROSION CONTROL |
| 350 | SY | COIR FIBER MAT |
| 8,750 | SY | PERMANENT SOIL REINFORCEMENT MAT |
| 10,290 | LF | 1/4" HARDWARE CLOTH |
| 170 | LF | *** TEMPORARY PIPE (36") |
| 777 | CY | STILLING BASINS |
| 3,460 | LF | COIR FIBER WATTLE |
| 192 | LF | COIR FIBER WATTLE BARRIER |
| 3,770 | LB | POLYACRYLAMIDE (PAM) |
| 13,370 | LF | COIR FIBER BAFFLE |
| 9 | EA | *** SKIMMER (1-1/2") |
| 10 | EA | *** SKIMMER (2") |
| 3 | EA | *** SKIMMER (2-1/2") |
| 7 | EA | *** SKIMMER (3") |
| 114 | ACR | SEEDING & MULCHING |
| 102 | ACR | MOWING |
| 1,200 | LB | SEED FOR REPAIR SEEDING |
| 4.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 2,650 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 79.5 | TON | FERTILIZER TOPDRESSING |
| 895 | LF | IMPERVIOUS DIKE |
| 50 | MHR | SPECIALIZED HAND MOWING |
| 100 | EA | RESPONSE FOR EROSION CONTROL |
| 20 | EA | CONCRETE WASHOUT STRUCTURE |
| 3,016 | CY | CULVERT DIVERSION CHANNEL |
| 0.1 | ACR | REFORESTATION |
| 0.5 | ACR | STREAMBANK REFORESTATION |
| 12 | EA | PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN) |
| 9,500 | LF | SIGNAL CABLE |
| 48 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) |
| 5 | EA | VEHICLE SIGNAL HEAD (12", 4 SECTION) |
| 4 | EA | VEHICLE SIGNAL HEAD (12", 5 SECTION) |
| 4 | EA | MODIFY EXISTING VEHICLE SIGNAL HEAD |
| 1,100 | LF | MESSENGER CABLE (3/8") |
| 675 | LF | UNPAVED TRENCHING (***** (1, 2") |
| 500 | LF | UNPAVED TRENCHING (***** (2, 2") |
| 325 | LF | DIRECTIONAL DRILL (***** (1, 2") |
| 400 | LF | DIRECTIONAL DRILL (***** (2, 2") |
| 6 | EA | JUNCTION BOX (STANDARD SIZE) |
| 18 | EA | JUNCTION BOX (OVER-SIZED, HEA- VY DUTY) |
| 7 | EA | WOOD POLE |
| 16 | EA | GUY ASSEMBLY |
| 3 | EA | 1" RISER WITH WEATHERHEAD |
| 6 | EA | 2" RISER WITH WEATHERHEAD |
| 3,500 | LF | INDUCTIVE LOOP SAWCUT |
| 7,500 | LF | LEAD-IN CABLE (***** (14-2) |
| 3 | EA | SITE SURVEY |
| 6 | EA | LUMINAIRE ARM FOR VIDEO SYSTEM |
| 5 | EA | CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT |
| 2 | EA | EXTERNAL LOOP EMULATOR PRO- CESSING UNIT |
| 3 | EA | RELOCATE CAMERA SENSOR UNIT |
| 3 | EA | 900MHZ SERIAL SPREAD SPECTRUM RADIO |

| | | |
|----|----|---|
| 4 | EA | METAL POLE WITH SINGLE MAST ARM |
| 2 | EA | METAL POLE WITH DUAL MAST ARM |
| 6 | EA | SOIL TEST |
| 36 | CY | DRILLED PIER FOUNDATION |
| 6 | EA | MAST ARM WITH METAL POLE DE- SIGN |
| 34 | EA | SIGN FOR SIGNALS |
| 15 | EA | TYPE II PEDESTAL WITH FOUND- ATION |
| 3 | EA | SIGNAL CABINET FOUNDATION |
| 3 | EA | CONTROLLERS WITH CABINET (***** (TYPE 2070LX, BASE MOUNTED) |
| 20 | EA | DETECTOR CARD (TYPE 170) |
| 3 | EA | CABINET BASE EXTENDER |
| 1 | EA | TRAFFIC SIGNAL REMOVAL |

CULVERT ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | CULVERT EXCAVATION, STA ***** (46+07.79 -Y-) |
| Lump Sum | LS | CULVERT EXCAVATION, STA ***** (56+34.85 -L-) |
| 1,937 | TON | FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT |
| 4,445.8 | CY | CLASS A CONCRETE (CULVERT) |
| 535,871 | LB | REINFORCING STEEL (CULVERT) |
| 1.2 | CF | CONCRETE REPAIRS |
| 11.5 | CF | SHOTCRETE REPAIRS |
| 420 | LF | EPOXY RESIN INJECTION |

WALL ITEMS

| | | |
|-------|----|-----------------------------------|
| 4,730 | SF | MSE RETAINING WALL NO **** (1) |
| 4,582 | SF | MSE RETAINING WALL NO **** (2) |

STRUCTURE ITEMS

| | | |
|----------|----|--|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (41+39.51 -Y-) |
| Lump Sum | LS | ASBESTOS ASSESSMENT |
| Lump Sum | LS | FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 41+39.51 -Y-) |
| 3 | EA | PDA TESTING |
| 18,829 | SF | REINFORCED CONCRETE DECK SLAB |
| 20,309 | SF | GROOVING BRIDGE FLOORS |
| 369.1 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (41+39.51 -Y-) |
| 59,285 | LB | REINFORCING STEEL (BRIDGE) |
| 2,381 | LB | SPIRAL COLUMN REINFORCING STEEL (BRIDGE) |
| 1,694 | LF | 54" PRESTRESSED CONCRETE GIR- DERS |
| 48 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) |
| 36 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73) |
| 1,716 | LF | HP12X53 STEEL PILES |
| 2,472 | LF | HP14X73 STEEL PILES |
| 84 | EA | STEEL PILE POINTS |
| 350.6 | LF | CONCRETE BARRIER RAIL |
| 410.6 | LF | VERTICAL CONCRETE BARRIER RAIL |
| 70 | SY | 4" SLOPE PROTECTION |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| Lump Sum | LS | EXPANSION JOINT SEALS |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 010

CONTRACT ID : C204626 2021CPT.07.03.20011 DIV OFFICE GREENSBORO
 COUNTY : ALAMANCE, GUILFORD

LENGTH = 29.007 MI

MILLING AND RESURFACING.

DBE GOAL 8.0% COMPLETION DATE : NOV 01 2022

1 SECTION OF NC-87, 1 SECTION OF NC-49, AND 21 SECTIONS OF SECONDARY ROADS.

| | | ROADWAY ITEMS | | | | |
|----------|-----|--|--|----------|----|--|
| | | | | 3,148 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) |
| | | | | 78 | EA | GENERIC PAVEMENT MARKING ITEM HEATED-IN-PLACE THERMOPLASTIC PAVE- MENT MARKING CHARACTER (90 MILS) |
| | | | | 849 | EA | SNOWFLOWABLE PAVEMENT MARKERS |
| Lump Sum | LS | MOBILIZATION | | Lump Sum | LS | PORTABLE LIGHTING |
| 1,597 | TON | INCIDENTAL STONE BASE | | 15,542 | LF | INDUCTIVE LOOP SAWCUT |
| 201,589 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2") | | | | |
| 5,855 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4") | | | | |
| 13,904 | SY | INCIDENTAL MILLING | | | | |
| 31,995 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | | |
| 8,073 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | | | | |
| 2,629 | TON | ASPHALT BINDER FOR PLANT MIX | | | | |
| 279,841 | SY | ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE | | | | |
| 92,334 | GAL | EMULSION FOR ASPHALT SURFACE TREATMENT | | | | |
| 14 | WK | VACUUM TRUCK | | | | |
| 207 | EA | ADJUSTMENT OF MANHOLES | | | | |
| 189 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES | | | | |
| 8 | EA | SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E) | | | | |
| 3,107 | SF | WORK ZONE ADVANCE/GENERAL WARNING SIGNING | | | | |
| Lump Sum | LS | TEMPORARY TRAFFIC CONTROL | | | | |
| 163,703 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | | | | |
| 49,874 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) | | | | |
| 3,769 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | | | | |
| 2,518 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) | | | | |
| 95 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) | | | | |
| 339 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) | | | | |
| 65,676 | LF | PAINT PAVEMENT MARKING LINES (4") | | | | |
| 46,751 | LF | PAINT PAVEMENT MARKING LINES (6") | | | | |
| 3,084 | LF | PAINT PAVEMENT MARKING LINES (8") | | | | |
| 2,781 | LF | PAINT PAVEMENT MARKING LINES (12") | | | | |
| 150 | LF | PAINT PAVEMENT MARKING LINES (16") | | | | |
| 2,950 | LF | PAINT PAVEMENT MARKING LINES (24") | | | | |
| 80 | EA | PAINT PAVEMENT MARKING CHARAC- TER | | | | |
| 318 | EA | PAINT PAVEMENT MARKING SYMBOL | | | | |
| 1,820 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") | | | | |
| 340,670 | LF | GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVE- MENT MARKING LINES (4", 50 MILS) | | | | |
| 570 | LF | GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVE- MENT MARKING LINES (6", 50 MILS) | | | | |
| 380 | LF | GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (4", 20 MILS) (STANDARD GLASS BEADS) | | | | |
| 1,440 | LF | GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (6", 20 MILS) (STANDARD GLASS BEADS) | | | | |
| 250 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS) | | | | |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L210420 011

CONTRACT ID : C204533 34839.3.12

DIV OFFICE WINSTON-SALEM

LENGTH = 0.975 MI

COUNTY : FORSYTH

GRADING, PAVING, DRAINAGE, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : APR 30 2023

FUTURE I-74 WINSTON-SALEM NORTHERN BELTWAY (US-421, NC-150, I-40 BUS) TO US-158.

| | | ROADWAY ITEMS | | | | |
|----------|-----|--------------------------------|---|--------|-----|---|
| | | | | 18 | EA | FRAME WITH TWO GRATES, STD 840.22 |
| | | | | 6 | EA | FRAME WITH COVER, STD 840.54 |
| Lump Sum | LS | MOBILIZATION | | 2,930 | LF | SHOULDER BERM GUTTER |
| Lump Sum | LS | CONSTRUCTION SURVEYING | | 7 | EA | GENERIC DRAINAGE ITEM CONVERT EXISTING OTCB TO MEDIAN 2GI |
| Lump Sum | LS | CLEARING & GRUBBING .. ACRE(S) | | | | |
| | 1 | ACR | SUPPLEMENTARY CLEARING & GRUBBING | 2,975 | LF | STEEL BEAM GUARDRAIL |
| 20,000 | CY | | UNCLASSIFIED EXCAVATION | 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 15,900 | CY | | BORROW EXCAVATION | 1 | EA | GUARDRAIL END UNITS, TYPE CAT-1 |
| 1,000 | CY | | DRAINAGE DITCH EXCAVATION | 1 | EA | GUARDRAIL END UNITS, TYPE TL-3 |
| 4,400 | SY | | REMOVAL OF EXISTING ASPHALT PAVEMENT | 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 |
| 1,350 | CY | | SELECT GRANULAR MATERIAL, CLASS III | 10,600 | LF | REMOVE & RESET EXISTING GUARDRAIL |
| 400 | SY | | GEOTEXTILE FOR SOIL STABILIZATION | 2,900 | LF | REMOVE EXISTING GUARDRAIL |
| 3,750 | SY | | ROCK PLATING | 3 | EA | TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77) |
| 470 | TON | | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | 2,130 | LF | WOVEN WIRE FENCE, 47" FABRIC |
| 1,460 | SY | | FOUNDATION CONDITIONING GEOTEXTILE | 130 | EA | 4" TIMBER FENCE POSTS, 7'-6" LONG |
| 596 | LF | | ***** RC PIPE CULVERTS, CLASS IV (48") | 50 | EA | 5" TIMBER FENCE POSTS, 8'-0" LONG |
| 2,444 | LF | | 15" RC PIPE CULVERTS, CLASS IV | 1,170 | TON | RIP RAP, CLASS I |
| 504 | LF | | 18" RC PIPE CULVERTS, CLASS IV | 500 | TON | RIP RAP, CLASS II |
| 92 | LF | | 24" RC PIPE CULVERTS, CLASS IV | 1,800 | TON | RIP RAP, CLASS A |
| 104 | LF | | 30" RC PIPE CULVERTS, CLASS IV | 360 | TON | RIP RAP, CLASS B |
| 124 | LF | | 36" RC PIPE CULVERTS, CLASS IV | 1,000 | TON | BOULDERS |
| 216 | LF | | 42" RC PIPE CULVERTS, CLASS IV | 6,740 | SY | GEOTEXTILE FOR DRAINAGE |
| 32 | LF | | 15" CS PIPE CULVERTS, 0.064" THICK | 850 | SF | GENERIC EROSION CONTROL ITEM PRECAST GRAVITY RETAINING WALLS |
| 188 | LF | | 18" CS PIPE CULVERTS, 0.064" THICK | 588 | SF | WORK ZONE SIGNS (STATIONARY) |
| 4 | EA | | *** CS PIPE ELBOWS, ***** THICK (15", 0.064") | 192 | SF | WORK ZONE SIGNS (PORTABLE) |
| 6 | EA | | *** CS PIPE ELBOWS, ***** THICK (18", 0.064") | 4 | EA | FLASHING ARROW BOARD |
| 24 | LF | | *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (20", 0.500") | 2 | EA | PORTABLE CHANGEABLE MESSAGE SIGN |
| 52 | LF | | *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (20", 0.500") | 385 | EA | DRUMS |
| Lump Sum | LS | | FINE GRADING | 3 | EA | TEMPORARY CRASH CUSHIONS |
| 390 | TON | | #57 STONE | 1 | EA | REMOVE & RESET TEMPORARY CRASH CUSHION |
| 590 | TON | | AGGREGATE BASE COURSE | 2 | EA | TMA |
| 200 | TON | | INCIDENTAL STONE BASE | 9,912 | LF | PORTABLE CONCRETE BARRIER (ANCHORED) |
| 3,900 | SY | | MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2") | 2,090 | LF | REMOVE AND RESET PORTABLE CONCRETE BARRIER |
| 4,100 | SY | | MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2") | 4,536 | LF | REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED) |
| 1,400 | SY | | MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3") | 157 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 500 | SY | | INCIDENTAL MILLING | 4 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) |
| 9,650 | TON | | ASPHALT CONC BASE COURSE, TYPE B25.0C | 14 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 6,360 | TON | | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | 66,478 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 8,050 | TON | | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | 1,078 | LF | PAINT PAVEMENT MARKING LINES (6") |
| 1,225 | TON | | ASPHALT BINDER FOR PLANT MIX | 4,441 | LF | PAINT PAVEMENT MARKING LINES (8") |
| 18,490 | LF | | MILLED RUMBLE STRIPS (ASPHALT CONCRETE) | 1,924 | LF | PAINT PAVEMENT MARKING LINES (12") |
| 14.5 | CY | | ENDWALLS | 12 | EA | PAINT PAVEMENT MARKING CHARACTER |
| 3.32 | CY | | PIPE COLLARS | 18 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 31 | CY | | FLOWABLE FILL | 25,298 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| 30 | EA | | MASONRY DRAINAGE STRUCTURES | 75 | LF | REMOVAL OF PAVEMENT MARKING LINES (6") |
| 45.9 | LF | | MASONRY DRAINAGE STRUCTURES | 2,384 | LF | REMOVAL OF PAVEMENT MARKING LINES (8") |
| 1 | EA | | FRAME WITH GRATE, STD 840.22 | 2,280 | LF | GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 12" 20 MILS (STANDARD GLASS BEADS) |
| 13 | EA | | FRAME WITH TWO GRATES, STD 840.20 | | | |

| | | |
|----------|-----|--|
| 26,650 | LF | GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 6" 20 MILS (STANDARD GLASS BEADS) |
| 490 | EA | SNOWPLOWABLE PAVEMENT MARKERS |
| Lump Sum | LS | PORTABLE LIGHTING |
| 24,790 | LF | TEMPORARY SILT FENCE |
| 225 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 1,215 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 780 | TON | SEDIMENT CONTROL STONE |
| 9 | ACR | TEMPORARY MULCHING |
| 600 | LB | SEED FOR TEMPORARY SEEDING |
| 3 | TON | FERTILIZER FOR TEMPORARY SEED- ING |
| 200 | LF | TEMPORARY SLOPE DRAINS |
| 5,240 | LF | SAFETY FENCE |
| 1,110 | CY | SILT EXCAVATION |
| 14,280 | SY | MATting FOR EROSION CONTROL |
| 29,100 | SY | COIR FIBER MAT |
| 1,380 | LF | 1/4" HARDWARE CLOTH |
| 5 | EA | SPECIAL STILLING BASINS |
| 1,440 | LF | COIR FIBER WATTLE |
| 340 | LB | POLYACRYLAMIDE (PAM) |
| 310 | LF | COIR FIBER BAFFLE |
| 2 | EA | *** SKIMMER (1-1/2") |
| 15 | ACR | SEEDING & MULCHING |
| 9 | ACR | MOWING |
| 100 | LB | SEED FOR REPAIR SEEDING |
| 0.5 | TON | FERTILIZER FOR REPAIR SEEDING |
| 325 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 9.75 | TON | FERTILIZER TOPDRESSING |
| 245 | LF | IMPERVIOUS DIKE |
| 10 | MHR | SPECIALIZED HAND MOWING |
| 25 | EA | RESPONSE FOR EROSION CONTROL |
| 4 | EA | CONCRETE WASHOUT STRUCTURE |
| 4 | ACR | REFORESTATION |
| 9 | ACR | STREAMBANK REFORESTATION |
| Lump Sum | LS | GENERIC EROSION CONTROL ITEM CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA 66+62-Y4-RT |
| Lump Sum | LS | GENERIC EROSION CONTROL ITEM PUMP-AROUND OPERATION |
| Lump Sum | LS | GENERIC EROSION CONTROL ITEM STREAM INTAKE VAULT |
| Lump Sum | LS | GENERIC EROSION CONTROL ITEM SURVEYING FOR MITIGATION |
| 5 | ACR | GENERIC EROSION CONTROL ITEM COMPOST BLANKET |
| 1,350 | CY | GENERIC EROSION CONTROL ITEM BLANKET DRAIN |
| 25,000 | CY | GENERIC EROSION CONTROL ITEM BORROW FOR STREAM RELOCATION |
| 4,850 | CY | GENERIC EROSION CONTROL ITEM DAM EMBANKMENT EARTH FILL |
| 700 | CY | GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL |
| 34,000 | CY | GENERIC EROSION CONTROL ITEM UNCLASSIFIED FOR STREAM RELOCATION |
| 13,000 | CY | GENERIC EROSION CONTROL ITEM UNDERCUT FOR STREAM RELOCATION |
| 1,050 | SY | GENERIC EROSION CONTROL ITEM TYPE 2 GEOTEXTILE |
| 400 | LF | GENERIC EROSION CONTROL ITEM TOE WOOD PROTECTION |
| 3,600 | CY | TOPSOIL |

CULVERT ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | CULVERT EXCAVATION, STA ***** (45+66.21 -Y4-) |
| 77 | TON | FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT |
| 162.8 | CY | CLASS A CONCRETE (CULVERT) |
| 24,326 | LB | REINFORCING STEEL (CULVERT) |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 013

CONTRACT ID : C204622 2021CPT.10.15.10601 DIV OFFICE ALBEMARLE

LENGTH = 21.466 MI

COUNTY : MECKLENBURG

MILLING, RESURFACING, AND SHOULDER GRADING.

DBE GOAL 6.0% COMPLETION DATE : JUL 01 2022

1 SECTION OF US-74, 2 SECTIONS OF NC-16, 1 SECTION OF NC-160 1 SECTION OF NC-115, AND 19 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| 1,312 | CY | BORROW EXCAVATION |
| 8,840 | SY | GENERIC GRADING ITEM |
| | | SOIL CEMENT BASE FULL DEPTH RECLAMATION |
| 283 | TON | PORTLAND CEMENT FOR SOIL CEMENT BASE |
| 585 | TON | INCIDENTAL STONE BASE |
| 16.13 | SMI | SHOULDER RECONSTRUCTION |
| 237,824 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2") |
| 16,298 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (2") |
| 7,855 | SY | MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2") |
| 5,787 | SY | INCIDENTAL MILLING |
| 40,351 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 1,408 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE) |
| 2,514 | TON | ASPHALT BINDER FOR PLANT MIX |
| 11,303 | TON | PATCHING EXISTING PAVEMENT |
| 8,365 | SY | ASPHALT SURFACE TREATMENT, DOUBLE SEAL |
| 4,605 | GAL | EMULSION FOR ASPHALT SURFACE TREATMENT |
| 2 | WK | VACUUM TRUCK |
| 36 | EA | RETROFIT EXISTING CURB RAMPS |
| 3 | EA | CONCRETE CURB RAMPS |
| 1,242 | SY | 6" CONCRETE DRIVEWAY |
| 73 | EA | ADJUSTMENT OF MANHOLES |
| 99 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES |
| 2,957 | SF | WORK ZONE ADVANCE/GENERAL WARNING SIGNING |
| 188 | LF | PEDESTRIAN CHANNELIZING DEVICES |
| Lump Sum | LS | TEMPORARY TRAFFIC CONTROL |
| 1,300 | HR | LAW ENFORCEMENT |
| 3 | EA | GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICE |
| 319,112 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 23,951 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) |
| 68 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) |
| 460 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 1,654 | LF | COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II) |
| 11,843 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 1,654 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| 40 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS) |
| 2,947 | LF | GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) |
| 1,574 | EA | GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKERS |
| Lump Sum | LS | PORTABLE LIGHTING |
| 1,492 | LF | TEMPORARY SILT FENCE |
| 2,114 | LF | WATTLE |
| 25 | LB | POLYACRYLAMIDE (PAM) |
| 11.8 | ACR | SEEDING & MULCHING |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L210420 014

CONTRACT ID : C204387 67011.3.1

DIV OFFICE SYLVA

LENGTH = 0.224 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : FEB 11 2023

BRIDGE #2 OVER SLOW CREEK ON NC-141.

| | | ROADWAY ITEMS | | | |
|----------|-------|---|--|--------|---|
| | | | | 4 | EA GUARDRAIL ANCHOR UNITS, TYPE III |
| | | | | 4 | EA GUARDRAIL END UNITS, TYPE TL-3 |
| Lump Sum | LS | MOBILIZATION | | 565 | LF REMOVE EXISTING GUARDRAIL |
| Lump Sum | LS | CONSTRUCTION SURVEYING | | 362.5 | LF TEMPORARY STEEL BEAM GUARDRAIL |
| Lump Sum | LS | TYPE II MODIFIED APPROACH FILL, STATION ***** (15+45.00 -L-) | | 37.5 | LF TEMPORARY STEEL BEAM GUARDRAIL (SHOP CURVED) |
| Lump Sum | LS | GRADING | | 4 | EA TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III) |
| | 1 | ACR SUPPLEMENTARY CLEARING & GRUBBING | | 2 | EA TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2) |
| | 450 | CY UNDERCUT EXCAVATION | | 2 | EA TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-3) |
| | 60 | CY DRAINAGE DITCH EXCAVATION | | 2 | EA GENERIC GUARDRAIL ITEM TEMPORARY GUARDRAIL END UNIT TYPE AT-1 |
| | 400 | CY SELECT GRANULAR MATERIAL, CLASS III | | 18 | TON RIP RAP, CLASS I |
| | 700 | SY GEOTEXTILE FOR SOIL STABILIZATION | | 100 | TON RIP RAP, CLASS B |
| | 396 | SF TEMPORARY SHORING | | 700 | SY GEOTEXTILE FOR DRAINAGE |
| | 50 | TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES | | 1 | EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| | 160 | SY FOUNDATION CONDITIONING GEOTEXTILE | | 1 | EA DISPOSAL OF SUPPORT, U-CHANNEL |
| | 128 | LF 15" DRAINAGE PIPE | | 80 | SF WORK ZONE SIGNS (STATIONARY) |
| | 116 | LF 18" DRAINAGE PIPE | | 96 | SF WORK ZONE SIGNS (PORTABLE) |
| | 76 | LF 24" DRAINAGE PIPE | | 46 | SF WORK ZONE SIGNS (BARRICADE MOUNTED) |
| | 4 | EA *** DRAINAGE PIPE ELBOWS (15") | | 2 | EA PORTABLE CHANGEABLE MESSAGE SIGN |
| | 44 | LF 42" RC PIPE CULVERTS, CLASS III | | 36 | EA DRUMS |
| | 20 | LF **** HDPE PIPE CULVERTS (18") | | 41 | EA CONES |
| | 44 | LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625") | | 72 | LF BARRICADES (TYPE III) |
| | 44 | LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625") | | 16 | DAY FLAGGER |
| | 88 | LF GENERIC PIPE ITEM 42" PIPE REHABILITATION SMOOTH WALL STEEL SLIP LINER | | 10 | EA TEMPORARY RAISED PAVEMENT MARKERS |
| | 88 | LF GENERIC PIPE ITEM PRE INSTALLATION INSPECTION | | 2,805 | LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| | 1 | EA GENERIC PIPE ITEM DE-WATERING | | 400 | LF COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II) |
| | 216 | LF PIPE REMOVAL | | 3,100 | LF PAINT PAVEMENT MARKING LINES (4") |
| | 100 | CY SHALLOW UNDERCUT | | 8 | EA GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER |
| | 200 | TON CLASS IV SUBGRADE STABILIZATION | | 2 | EA PERMANENT RAISED PAVEMENT MARKERS |
| | 903 | TON AGGREGATE BASE COURSE | | 400 | LF 2" WATER LINE |
| | 100 | TON INCIDENTAL STONE BASE | | 530 | LF 8" WATER LINE |
| | 250 | SY INCIDENTAL MILLING | | 258 | LF 10" WATER LINE |
| | 240 | TON ASPHALT CONC BASE COURSE, TYPE B25.0C | | 500 | LB DUCTILE IRON WATER PIPE FITTINGS |
| | 20 | TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | | 2 | EA 2" VALVE |
| | 760 | TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | 2 | EA 8" TAPPING SLEEVE & VALVE |
| | 65 | TON ASPHALT BINDER FOR PLANT MIX | | 627 | LF ABANDON 8" UTILITY PIPE |
| | 1.6 | TON ASPHALT PLANT MIX, PAVEMENT REPAIR | | 75 | LF BORE AND JACK OF *** (2") |
| | 45 | CY SUBDRAIN EXCAVATION | | 258 | LF DIRECTIONAL DRILLING OF *** (10") |
| | 200 | SY GEOTEXTILE FOR SUBSURFACE DRAINS | | 1,215 | LF TEMPORARY SILT FENCE |
| | 34 | CY SUBDRAIN COARSE AGGREGATE | | 210 | TON STONE FOR EROSION CONTROL, CLASS A |
| | 200 | LF 6" PERFORATED SUBDRAIN PIPE | | 310 | TON STONE FOR EROSION CONTROL, CLASS B |
| | 1 | EA SUBDRAIN PIPE OUTLET | | 210 | TON SEDIMENT CONTROL STONE |
| | 6 | LF 6" OUTLET PIPE | | 3 | ACR TEMPORARY MULCHING |
| | 1.1 | CY ENDWALLS | | 200 | LB SEED FOR TEMPORARY SEEDING |
| | 1.4 | CY PIPE COLLARS | | 1 | TON FERTILIZER FOR TEMPORARY SEEDING |
| | 3 | EA MASONRY DRAINAGE STRUCTURES | | 200 | LF TEMPORARY SLOPE DRAINS |
| | 2 | EA FRAME WITH TWO GRATES, STD 840.29 | | 200 | LF SAFETY FENCE |
| | 25 | LF SHOULDER BERM GUTTER | | 300 | CY SILT EXCAVATION |
| | 512.5 | LF STEEL BEAM GUARDRAIL | | 14,500 | SY MATTING FOR EROSION CONTROL |
| | 50 | LF STEEL BEAM GUARDRAIL, SHOP CURVED | | 100 | SY COIR FIBER MAT |
| | 5 | EA ADDITIONAL GUARDRAIL POSTS | | 150 | LF 1/4" HARDWARE CLOTH |
| | 2 | EA GUARDRAIL END UNITS, TYPE AT-1 | | 1 | EA SPECIAL STILLING BASINS |
| | | | | 230 | LF COIR FIBER WATTLE BARRIER |

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| 55 | LB | POLYACRYLAMIDE (PAM) |
| 15 | LF | COIR FIBER BAFFLE |
| 3 | ACR | SEEDING & MULCHING |
| 3 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 75 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 2 | TON | FERTILIZER TOPDRESSING |
| 30 | LF | IMPERVIOUS DIKE |
| 10 | MHR | SPECIALIZED HAND MOWING |
| 25 | EA | RESPONSE FOR EROSION CONTROL |
| 4 | EA | CONCRETE WASHOUT STRUCTURE |
| 0.5 | ACR | REFORESTATION |

STRUCTURE ITEMS

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|----------|-----|---|
| Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (53+43.00 -DET-) |
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+45.00 -L-) |
| Lump Sum | LS | ASBESTOS ASSESSMENT |
| 1 | EA | PDA TESTING |
| Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+45.00 -L-) |
| 2,789 | SF | CONCRETE WEARING SURFACE |
| 3,646 | SF | GROOVING BRIDGE FLOORS |
| 59.6 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (15+45.00 -L-) |
| 7,360 | LB | REINFORCING STEEL (BRIDGE) |
| 385 | EA | PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53) |
| 14 | LF | HP12X53 STEEL PILES |
| 14 | EA | STEEL PILE POINTS |
| 140.29 | LF | VERTICAL CONCRETE BARRIER RAIL |
| 161 | TON | RIP RAP CLASS II (2'-0" THICK) |
| 120 | SY | GEOTEXTILE FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| 980 | LF | 3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS |