



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

P.O. BOX 25201, RALEIGH, N.C. 27611-5201

LYNDO TIPPETT
SECRETARY

May 14, 2004

NOTICE TO: All Prequalified Contractors

FROM: R.A. Garris, P.E.
Contract Officer

A handwritten signature in black ink, appearing to read "R.A. Garris", written over the printed name and title.

Re: Project Special Provision for
Contractor Borrow Source

Effective with the June 15, 2004 formal highway letting, the attached Project Special Provision for *Contractor Borrow Source* will be included in proposals with potential borrow sources.

This provision was developed with input from the U.S. Army Corps of Engineers. Please review the Project Special Provision for your information.

If you have any questions, please do not hesitate to call me at (919) 250-4124.

RAG/ns
Attachment

CONTRACTOR BORROW SOURCE

06-15-04

Revise the *2002 Standard Specifications* as follows:

Page 2-17, Article 230-4(C) Contractor Furnished Sources, add the following;

If the Contractor proposes a borrow source, the environmental assessment shall include wetland and stream delineation extending 400 feet beyond the proposed borrow source limits.

1. If wetlands or streams are present within 400 feet of the borrow source and the contractor proposes to dewater:
 - a. Submit a hydrologic analysis (DRAINMOD or equivalent) to determine if excavation, pump frequency/duration/volume will permanently impact or cause degradation to wetlands or streams. The analysis shall consist of, but not be limited to:

Required buffer width to avoid long term impacts to wetlands or stream

Return interval to pre-existing hydrologic conditions after pit excavation and dewatering is completed.
 - b. Attach a conservation easement specifying that the completed pit impoundment, upon returning to mean water table elevation, shall not be drained, ditched, used for irrigation, or any other manner that would degrade wetlands and streams.
 - c. Provide copy of recorded conservation easement to Engineer prior to commencement of any work on proposed pit.
2. If wetlands or streams are not present within 400 feet, no additional documentation will be required.
3. Dredging operations shall be exempted.

During Department review of the proposed borrow area, the hydrologic analysis will be submitted to the U. S. Army Corps of Engineers for evaluation.

SP1G111



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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March 19, 2004

NOTICE TO: All Prequalified Contractors

FROM: E. C. Powell, Jr. PE *E. C. Powell Jr.*
State Construction Engineer

SUBJECT: Evaluation of Delays Due to Weather

Members of the highway contracting industry requested that the Department of Transportation consider extensions of the completion date due to delays caused by weather beyond that provided by the Standard Specifications. That request is based upon above normal rainfall during 2002 and 2003. The contracting industry has provided data to the Department regarding the effect of weather on the performance of work on a limited number of contracts. The Department's analysis of the data provided reflects that the effect of weather on work varied widely from contract to contract. Analysis of the data was inconclusive that the climatological variations in 2002 and 2003 were so extraordinary as to warrant an extension of contract time beyond that provided by the Standard Specifications.

The Department invites Contractors to submit data regarding the effect of weather on the performance of work on any highway contract for further consideration of the effects of above normal rainfall during 2002 and 2003. Data should be compiled in electronic format using the Excel worksheet titled "Weather Delay Reporting" that can be downloaded from the Internet @ http://www.doh.dot.state.nc.us/operations/dp_chief_eng/constructionunit/ by selecting "Other Links of Interest". The worksheet is formatted to facilitate tabulation of the data and protected to preserve the formatting.

Contractors should submit data for 2002 and 2003 to the Resident Engineer by **June 1, 2004**. A copy of the data should also be submitted via an e-mail attachment to the following address: Phillip M. Watts, PE <pwatts@dot.state.nc.us>. Contractors should specifically state that the information is being submitted **not** as a request for extension of time but for use in evaluation of the contracting industry's request that the Department consider extensions of the completion date beyond that provided by the Standard Specifications. Resident Engineers will be provided specific procedures for comparison of the data with the Department's records and submission to the State Construction Engineer. This information will be utilized to determine if the effects of the weather conditions in 2002 and 2003 were so extraordinary as to warrant an extension of

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONSTRUCTION UNIT
1543 MAIL SERVICE CENTER
RALEIGH NC 27699-1543

TELEPHONE: 919-733-2210
FAX: 919-733-8441

WEBSITE: WWW.DOT.STATE.NC.US

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH NC

All Prequalified Contractors

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March 19, 2004

contract time beyond that provided by the Standard Specifications and not for justification of a time extension for a specific contract.

Request for extension of the contract time due to delays to the controlling operation caused by weather or conditions resulting from weather should be submitted in accordance with Article 108-10(B)3 of the Standard Specifications. Since consideration of such requests is based upon delays that have occurred during the entire contract time, they should be submitted only after expiration of the contract time. When submitting such requests, Contractors should specifically state that the information is being submitted as a request for an extension of time. The Excel worksheet titled "Weather Delay Reporting" is formatted to allow data to be recorded for the period of 2000 through 2005 and can also be utilized for submission of such request for an extension of the contract time.

ECP




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 23, 2004

NOTICE TO: Plan Holders
FROM: R. A. Garris, P.E. 
Contract Officer
SUBJECT: Copies of Invoices Needed with Payment

To help insure that payments are accurately recorded, and to decrease processing time, the Department is requesting that a copy of each invoice be sent along with the corresponding payment. The Department will provide an additional copy of each invoice mailed for that purpose.

If you have any questions, please contact Kim Canady at (919) 250-4124 or e-mail her at klcanady@dot.state.nc.us.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
DESIGN SERVICES UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4124
FAX: 919-250-4127

WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B15
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 20, 2004

NOTICE TO: All Prequalified Contractors
FROM: R.A. Garris, P.E. *R.A. Garris*
Contract Officer
Re: Electronic Bid Bond, Non-Collusion Affidavit, and Debarment Certification

As we move toward total electronic bid submittals, we are implementing the following changes effective with the March 16, 2004 formal highway letting.

1. The Department will require an electronic bid bond to be included with each electronic bid submission.
2. In order to comply with Federal and State laws and regulations, an original, properly executed **Non-Collusion Affidavit, and Debarment Certification** must be on file in the Contract Office from each prospective bidder prior to submitting an electronic bid. It will not be necessary that it be submitted with each bid and letting. The **Non-Collusion Affidavit, and Debarment Certification** filed with the Department will be valid for all bids submitted through the December 21, 2004 letting.

Properly executed forms shall be delivered to the Department no later than 5:00 p.m. the day prior to the advertised letting in which you intend to submit your first total electronic bid. Forms may be downloaded from the following web-site:

http://www.doh.dot.state.nc.us/preconstruct/highway/dsm_srvc/contracts/letting.htm

The form shall be placed in a sealed envelope with the Contractor name clearly labeled, and delivered to:

Physical Address:
State Contract Officer
Design Services Unit
Century Center Bldg. B
1020 Birch Ridge Drive
Raleigh, NC 27610

Mailing Address:
State Contract Officer
NC Department of Transportation
Contracts and Proposals
1591 Mail Service Center
Raleigh, NC 27699-1591

We will be formulating procedures for renewal in the near future and will involve the industry as they are developed.

If you have any questions, please do not hesitate to call me at (919) 250-4124.

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RALEIGH, NC 27699-1591

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1020 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

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

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE DESIGN SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON JUNE 15, 2004**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

1. AN ORIGINAL PROPERLY EXECUTED NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION SHALL BE ON FILE IN THE CONTRACT OFFICE FROM EACH PROSPECTIVE BIDDER PRIOR TO SUBMITTING AN ELECTRONIC BID. FORMS ARE AVAILABLE AT
http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm

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 AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm

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. 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).

STATE PRIVILEGE LICENSE TAXES: CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

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 MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE 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 (919-250-4124), FAXING (919-250-4127), OR WRITING TO : PLANS AND PROPOSALS, DESIGN SERVICES UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. 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% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

TODAY'S DATE IS MAY 18, 2004.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

| <u>DIV NO.</u> | <u>DIVISION ENGINEER</u> | <u>LOCATION</u> | <u>TOWN</u> | <u>TELEPHONE</u> |
|-----------------------|---------------------------------|----------------------------|--------------------|-------------------------|
| 00001 | D. R. Conner | 113 AIRPORT DR. SUITE 100 | EDENTON | (252) 482-7977 |
| 00002 | C. E. Lassiter, Jr. | 105 PACTOLUS ROAD | GREENVILLE | (252) 830-3490 |
| 00003 | H. A. Pope | 124 DIVISION DRIVE | WILMINGTON | (910) 251-5724 |
| 00004 | Anthony W. Roper , PE | 509 WARD BOULEVARD | WILSON | (252) 237-6164 |
| 00005 | J. G. Nance | 2612 NORTH DUKE STREET | DURHAM | (919) 560-6851 |
| 00006 | T. R. Gibson | 558 GILLESPIE STREET | FAYETTEVILLE | (910) 486-1493 |
| 00007 | J. M. Mills | 1534 YANCEYVILLE STREET | GREENSBORO | (336) 334-3192 |
| 00008 | Tim Johnson, PE | 902 N. SANDHILLS BOULEVARD | ABERDEEN | (910) 944-2344 |
| 00009 | S. P. Ivey | 2125 CLOVERDALE AVENUE | WINSTON-SALEM | (336) 631-1340 |
| 00010 | B. G. Payne | 716 WEST MAIN STREET | ALBEMARLE | (704) 982-0101 |
| 00011 | Michael A. Pettyjohn, PE | NC-115 WEST | NORTH WILKESBORO | (336) 667-9111 |
| 00012 | M. L. Holder | 1710 EAST MARION STREET | SHELBY | (704) 480-5400 |
| 00013 | J. J. Swain | 55 ORANGE STREET | ASHEVILLE | (828) 251-6171 |
| 00014 | R. G. Watson | 253 WEBSTER ROAD | SYLVA | (828) 586-2141 |

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

Bid Letting Number L040615

| RPN | Contract Id | WBS | County | Length | JobType |
|------------|--------------------|------------------|-------------------|---------------|---|
| 001 | C200729 | 32767.3.2 | CARTERET, ONSLOW | 1.067 KM | GRADING, DRAINAGE, PAVING & STRUCTURES. |
| 002 | C201212 | 34857.3.2 | NEW HANOVER | 3.748 KM | WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT. |
| 003 | C200999 | 36981.3.1 | SAMPSON, JOHNSTON | 0.000 MI | INTELLEGENT TRAFFIC SYSTEM. |
| 004 | C201207 | 4CR.10961.3 ETC. | WAYNE | 33.570 MI | MILLING, RESURFACING & PAVEMENT MARKINGS. |
| 005 | C200806 | 33130.3.1 | WAKE | 0.265 MI | GRADING, DRAINAGE, PAVING & STRUCTURE. |
| 006 | C200830 | 33189.3.1 | GRANVILLE | 0.114 MI | GRADING, DRAINAGE, PAVING & STRUCTURE. |
| 007 | C201213 | 37644 | DURHAM, WAKE | 10.100 MI | RESURFACING, SHDR RECONST, GUARDRAIL & PAVEMENT MARKINGS. |
| 008 | C200998 | 35013.3.1 | GUILFORD | 0.475 MI | GRADING, DRAINAGE, PAVING & SIGNALS. |
| 009 | C201215 | 37107 | CHATHAM | 8.400 MI | DRAINAGE, MILLING, SHOULDER RECONST & RESURFACING. |
| 010 | C201216 | 36963 | LEE | 2.590 MI | MILLING, SHLDR RECONST, RESURFACING OR HIP ALT & PVMT MKGS. |
| 011 | C201218 | 36961 | HOKE | 12.970 MI | DRAINAGE, MILLING, SHLDR RECONST, RESURFACING & SIGNALS. |
| 012 | C201217 | 36970 | SCOTLAND | 8.400 MI | DRAINAGE, MILLING, SHLDR RECONST, RESURFACING & SIGNALS. |
| 013 | C201221 | 36961 ETC. | HOKE, SCOTLAND | 21.370 MI | DRAINAGE, MILLING, SHLDR RECONST, RESURFACING & SIGNALS. |
| 014 | C201198 | 37691 | MECKLENBURG | 7.590 MI | GRADING, MILLING, RESURFACING & PAVEMENT MARKINGS. |
| 015 | C201220 | 38126 | MECKLENBURG | 4.850 MI | MILLING, RESURFACING, CURB & GUTTER AND PAVEMENT MARKINGS. |
| 016 | C200832 | 33250.3.1 | WATAUGA | 0.098 MI | GRADING, DRAINAGE, PAVING & CULVERT. |
| 017 | C200773 | 33170.3.1 | BURKE | 0.134 MI | GRADING, DRAINAGE, PAVING & STRUCTURE. |
| 018 | C200815 | 33107.3.2 | MADISON | 0.073 MI | GRADING, DRAINAGE, PAVING & CULVERT. |
| 019 | C200817 | 33168.3.2 | BURKE | 0.211 MI | GRADING, DRAINAGE, PAVING & STRUCTURE. |
| 020 | C201191 | 38202.3.1 | HENDERSON, POLK | 18.160 MI | DRAINAGE, MILLING SHOULDER CONST, RESURFACING & GUARDRAIL. |
| 021 | C201219 | 37259 | GRAHAM | 10.140 MI | MILLING, SHLDR RECONST, GUARDRAIL, & RESURFACING. |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 001

CONTRACT ID : C200729 32767.3.2

DIV OFFICE WILMINGTON

LENGTH = 1.067 KM

COUNTY : CARTERET, ONSLOW

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 3.0% COMPLETION DATE : MAY 15 2007

BRIDGE OVER WHITE OAK RIVER & APPROACHES ON SR-1101 IN CARTERET COUNTY & SR-1442 IN ONSLOW COUNTY.

ROADWAY ITEMS

| | | | | | |
|----------|-----|--|-----------|-----|--|
| | | | 1,500 | M | TEMPORARY SILT FENCE |
| | | | 85 | MTN | STONE FOR EROSION CONTROL, CLASS A |
| | | | 400 | MTN | STONE FOR EROSION CONTROL, CLASS B |
| Lump Sum | LS | MOBILIZATION | 116 | MTN | SEDIMENT CONTROL STONE |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 1.5 | HA | TEMPORARY MULCHING |
| Lump Sum | LS | GENERIC MISCELLANEOUS ITEM | 75 | KG | SEED FOR TEMPORARY SEEDING |
| | | CONCRETE BOAT LAUNCH RAMP | 0.5 | MTN | FERTILIZER FOR TEMPORARY SEEDING |
| Lump Sum | LS | REINFORCED BRIDGE APPROACH | 25 | M | TEMPORARY SLOPE DRAINS |
| | | FILL, STATION ***** | 3 | EA | INLET PROTECTION AT TEMPORARY SLOPE DRAINS |
| | | (12+47.510) | 650 | M3 | SILT EXCAVATION |
| Lump Sum | LS | GRADING | 1,100 | M2 | SYNTHETIC ROVING |
| 0.4 | HA | SUPPLEMENTARY CLEARING & GRUBBING | 1,450 | M2 | MATTING FOR EROSION CONTROL |
| 900 | M3 | UNDERCUT EXCAVATION | 375 | M2 | PERMANENT SOIL REINFORCEMENT MAT |
| 10 | M3 | DRAINAGE DITCH EXCAVATION | 20 | M | 6.4MM HARDWARE CLOTH |
| 500 | M3 | SELECT GRANULAR MATERIAL | 700 | M2 | FLOATING TURBIDITY CURTAIN |
| 500 | M2 | FABRIC FOR SOIL STABILIZATION | 2.4 | HA | SEEDING & MULCHING |
| 25 | M2 | TEMPORARY SHORING - BARRIER SUPPORTED | 1 | HA | MOWING |
| 15 | MTN | FOUNDATION CONDITIONING MATERIAL, MINOR STRS | 25 | KG | SEED FOR REPAIR SEEDING |
| 8.4 | M | 450MM SIDE DRAIN PIPE | 0.25 | MTN | FERTILIZER FOR REPAIR SEEDING |
| 15.6 | M | 375MM RC PIPE CULVERTS, CLASS III | 50 | KG | SEED FOR SUPPLEMENTAL SEEDING |
| 13.2 | M | 450MM RC PIPE CULVERTS, CLASS III | 2.5 | MTN | FERTILIZER TOPDRESSING |
| 7.2 | M | *****MM BIT COAT CS PIPE CULVERTS, TYPE A ****MM THICK (400MM, 1.63MM) | 1.5 | HR | SPECIALIZED HAND MOWING |
| 2 | EA | ***MM BIT COAT CS PIPE ELBOWS, TYPE A ****MM THICK (400MM, 1.63MM) | 12 | EA | RESPONSE FOR EROSION CONTROL |
| 13.72 | M | PIPE REMOVAL | 0.7 | HA | GENERIC EROSION CONTROL ITEM |
| 1 | EA | PIPE CLEAN-OUT | | | WETLAND GRASS PLANTING |
| 800 | MTN | INCIDENTAL STONE BASE | | | |
| 560 | MTN | ASPHALT CONC BASE COURSE, TYPE B25.0B | | | |
| 420 | MTN | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | |
| 52 | MTN | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 | | | |
| 200 | MTN | ASPHALT PLANT MIX PAVEMENT REPAIR | | | |
| 1 | M3 | PIPE COLLARS | | | |
| 2 | EA | MASONRY DRAINAGE STRUCTURES | | | |
| 2 | EA | FRAME WITH TWO GRATES, STD 840.29 | | | |
| 50 | M | SHOULDER BERM GUTTER | | | |
| 95 | M | CONCRETE EXPRESSWAY GUTTER | | | |
| 12 | M2 | 100MM CONCRETE PAVED DITCH | | | |
| 118.11 | M | STEEL BM GUARDRAIL | | | |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS | | | |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III | 7,332.3 | M2 | REINFORCED CONCRETE DECK SLAB |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 | 6,083.3 | M2 | GROOVING BRIDGE FLOORS |
| 29 | MTN | PLAIN RIP RAP, CLASS B | 831 | M3 | CLASS AA CONCRETE (BRIDGE) |
| 360 | M2 | FILTER FABRIC FOR DRAINAGE | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** |
| 23 | M2 | WORK ZONE SIGNS (STATIONARY) | | | (12+47.510 -L-) |
| 6 | M2 | WORK ZONE SIGNS (PORTABLE) | | | |
| 7 | M2 | WORK ZONE SIGNS (BARRICADE MOUNTED) | | | |
| 46 | EA | DRUMS | | | |
| 42 | M | BARRICADES (TYPE III) | | | |
| 30 | MD | FLAGGER | | | |
| 2 | EA | TEMPORARY CRASH CUSHIONS | | | |
| 100 | M | PORTABLE CONCRETE BARRIER | 70,272 | KG | EPOXY COATED REINFORCING STEEL (BRIDGE) |
| 214 | EA | TEMPORARY RAISED PAVEMENT MARKERS | 2,674 | KG | EPOXY COATED SPIRAL REINFORCING STEEL (BRIDGE) |
| 732 | M | THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) | 813.1 | M | 914MM PRESTRESSED CONCRETE GIRDERS |
| 732 | M | THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) | 2,681.972 | M | 1372MM PRESTRESSED CONCRETE GIRDERS |
| 2,848 | M | COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) | 1,242 | M | 610MM PRESTRESSED CONC PILES |
| 10,272 | M | PAINT PAVEMENT MARKING LINES (100MM) | 2,220 | M | HP ***X** STEEL PILES (310 x 110) |
| 326 | EA | PERMANENT RAISED PAVEMENT MARKERS | 187.5 | M | HP360X108 STEEL PILES |
| | | | 1,080 | M | PP *** X ***** STEEL PILES (610 x 15.875) |
| | | | 240 | EA | STEEL PILE TIPS |
| | | | 1,405.44 | M | TWO BAR METAL RAIL |
| | | | 1,410.05 | M | *** X ****MM CONCRETE PARAPET (355MM x 760MM) |
| | | | 84 | MTN | PLAIN RIP RAP CLASS II (600MM THICK) |
| | | | 86 | M2 | FILTER FABRIC FOR DRAINAGE |
| | | | Lump Sum | LS | ELASTOMERIC BEARINGS |

STRUCTURE ITEMS

| | | | | | |
|----------|----|--|-----------|-----|--|
| Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** | | | |
| | | (12+47.510 -L-) | | | |
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** | | | |
| | | (12+47.510 -L-) | | | |
| Lump Sum | LS | FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** | | | |
| | | (21, 12+47.510 -L-) | | | |
| Lump Sum | LS | FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** | | | |
| | | (22, 12+47.510 -L-) | | | |
| Lump Sum | LS | FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** | | | |
| | | (30, 12+47.510 -L-) | | | |
| | | | 7,332.3 | M2 | REINFORCED CONCRETE DECK SLAB |
| | | | 6,083.3 | M2 | GROOVING BRIDGE FLOORS |
| | | | 831 | M3 | CLASS AA CONCRETE (BRIDGE) |
| | | | Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** |
| | | | | | (12+47.510 -L-) |
| | | | 70,272 | KG | EPOXY COATED REINFORCING STEEL (BRIDGE) |
| | | | 2,674 | KG | EPOXY COATED SPIRAL REINFORCING STEEL (BRIDGE) |
| | | | 813.1 | M | 914MM PRESTRESSED CONCRETE GIRDERS |
| | | | 2,681.972 | M | 1372MM PRESTRESSED CONCRETE GIRDERS |
| | | | 1,242 | M | 610MM PRESTRESSED CONC PILES |
| | | | 2,220 | M | HP ***X** STEEL PILES (310 x 110) |
| | | | 187.5 | M | HP360X108 STEEL PILES |
| | | | 1,080 | M | PP *** X ***** STEEL PILES (610 x 15.875) |
| | | | 240 | EA | STEEL PILE TIPS |
| | | | 1,405.44 | M | TWO BAR METAL RAIL |
| | | | 1,410.05 | M | *** X ****MM CONCRETE PARAPET (355MM x 760MM) |
| | | | 84 | MTN | PLAIN RIP RAP CLASS II (600MM THICK) |
| | | | 86 | M2 | FILTER FABRIC FOR DRAINAGE |
| | | | Lump Sum | LS | ELASTOMERIC BEARINGS |

| | | |
|----------|----|---|
| Lump Sum | LS | EVAZOTE JOINT SEALS |
| Lump Sum | LS | STRUCTURE DRAINAGE SYSTEM, STA ***** (12+47.510 -L-) |
| 8 | EA | GENERIC STRUCTURE ITEM DYNAMIC LOAD TEST |
| 80 | EA | GENERIC STRUCTURE ITEM STEEL PILE POINTS FOR PIPE PILES |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 002

CONTRACT ID : C201212 34857.3.2

DIV OFFICE WILMINGTON

LENGTH = 3.748 KM

COUNTY : NEW HANOVER

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT.

DBE GOAL 10.0% COMPLETION DATE : MAY 15 2007

SR-1409 (MILITARY CUTOFF RD) FROM MULTI-LANES NORTH OF US-74 TO US-17.

ROADWAY ITEMS

| | | | | | |
|----------|--------|---|--------|-----|---|
| | | | 17,800 | MTN | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| | | | 22,940 | MTN | ASPHALT CONC INTERMEDIATE COURSE, TYPE II 9.0C |
| Lump Sum | LS | MOBILIZATION | 1,000 | MTN | ASPHALT CONC SURFACE COURSE, TYPE S9.5B |
| Lump Sum | LS | CONSTRUCTION SURVEYING | 21,790 | MTN | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| Lump Sum | LS | GENERIC MISCELLANEOUS ITEM BRICK ENTRANCE TO LANDFALL SUBDIVISION | 1,984 | MTN | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| | 0.4 | HA | 1,308 | MTN | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 |
| | 4,220 | M3 | 680 | MTN | ASPHALT PLANT MIX PAVEMENT REPAIR |
| Lump Sum | LS | GRADING | 276 | M3 | SUBDRAIN EXCAVATION |
| | 650 | MTN | 207 | M3 | SUBDRAIN FINE AGGREGATE |
| | 38,000 | M3 | 500 | M | 150MM PERFORATED SUBDRAIN PIPE |
| | 1,180 | M3 | 50 | EA | 150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS |
| | 8,840 | M3 | 4 | EA | CONCRETE PAD FOR SUBDRAIN PIPE OUTLET |
| | 13,500 | M2 | 8 | M | 150MM OUTLET PIPE (SUBDRAINS) |
| | 20 | M2 | 20 | EA | TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE |
| | 40 | M2 | 9.7 | M3 | ENDWALLS |
| 97,000 | L | GENERIC GRADING ITEM CONTAMINATED GROUNDWATER DISPOSAL | 12.7 | M3 | REINFORCED ENDWALLS |
| | 1,475 | MTN | 21.3 | M3 | PIPE COLLARS |
| | 1,260 | MTN | 0.5 | M3 | PIPE PLUGS |
| | 16.8 | M | 170 | M3 | FLOWABLE FILL |
| | 931.6 | M | 147 | EA | MASONRY DRAINAGE STRUCTURES |
| | 918 | M | 11.99 | M | MASONRY DRAINAGE STRUCTURES |
| | 443.8 | M | 23 | EA | FRAME WITH TWO GRATES, STD 840.16 |
| | 266.4 | M | 37 | EA | FRAME WITH TWO GRATES, STD 840.24 |
| | 270 | M | 1 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| | 213.6 | M | 9 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) |
| | 450 | M | 15 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) |
| | 63.6 | M | 47 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) |
| | 15.6 | M | 4 | EA | FRAME WITH COVER, STD 840.54 |
| | 47.2 | M | 5 | EA | CONCRETE APRON FOR CATCH BASIN |
| | | | 11 | EA | CONCRETE APRON FOR DROP INLETS |
| | 48 | M | 1 | EA | ***MM SLUICE GATE (600MM) |
| | | | 1 | EA | ***MM SLUICE GATE (750MM) |
| | 31.7 | M | 180 | M | *** X ***MM CONCRETE CURB (600MM X 238MM) |
| | | | 3,060 | M | 450MM CONCRETE CURB & GUTTER |
| | | | 3,780 | M | 750MM CONCRETE CURB & GUTTER |
| | 48 | M | 220 | M2 | CONCRETE WHEELCHAIR RAMPS |
| | | | 70 | M2 | 150MM CONCRETE DRIVEWAY |
| | 145.2 | M | 2,970 | M2 | 125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED) |
| | | | 1 | EA | ADJUSTMENT OF CATCH BASINS |
| | | | 1 | EA | ADJUSTMENT OF DROP INLETS |
| | | | 1 | EA | ADJUSTMENT OF MANHOLES |
| | 109.2 | M | 3 | EA | CONVERT EXISTING DROP INLET TO JUNCTION BOX |
| | 100.8 | M | 259.08 | M | STEEL BM GUARDRAIL |
| | | | 10 | EA | ADDITIONAL GUARDRAIL POSTS |
| | | | 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE CAT-1 |
| | 925.5 | M | 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| | 40 | EA | 80 | M | TEMPORARY STEEL BM GUARDRAIL |
| 1,200 | KG | SEALING EXISTING PAVEMENT CRACKS | 2 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY |
| | 550 | MTN | 820 | M | CHAIN LINK FENCE, 1200MM FABRIC |
| 2,000 | MTN | INCIDENTAL STONE BASE | 224 | EA | METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE |
| 1,000 | M2 | INCIDENTAL MILLING | | | |
| 1,860 | MTN | ASPHALT CONC BASE COURSE, TYPE B25.0B | | | |

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|----------|-----|--|-------|-----|---|
| | | | 402 | M | 200MM DI WATER PIPE, PC 2.41MPA |
| | | | 130 | M | 300MM DI WATER PIPE, PC 2.41MPA |
| 23 | EA | METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE | 30 | M | 20MM COPPER WATER PIPE, TYPE K |
| 4 | EA | METAL GATE POSTS FOR ***** CHAIN LINK FENCE, DOUBLE GATE (1200MM) | 385 | M | 200MM PVC WATER PIPE, SDR 21, 1.38MPA WP |
| 2 | EA | DOUBLE GATES, ***** HIGH, ***** WIDE, ***** OPENING (1200MM, 1800MM, 3600MM) | 98 | M | 300MM PVC WATER PIPE, SDR 21, 1.38MPA WP |
| 146 | MTN | PLAIN RIP RAP, CLASS I | 8,807 | KG | DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP |
| 91 | MTN | PLAIN RIP RAP, CLASS B | 1 | EA | 20MM CORPORATION STOP |
| 1,172 | M2 | FILTER FABRIC FOR DRAINAGE | 1 | EA | 50MM CORPORATION STOP |
| 1 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON | 6 | EA | 150MM GATE VALVE & VALVE BOX, 1.38MPA WP |
| 7 | EA | GENERIC EROSION CONTROL ITEM LOG VANES | 7 | EA | 200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP) |
| 1 | M3 | PLAIN CONCRETE SIGN FOOTINGS | 3 | EA | 300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP) |
| 233 | KG | SUPPORTS, SIMPLE STEEL BEAM | 1 | EA | *** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (150MM X 150MM, 1.38MPA WP) |
| 897 | M | SUPPORTS, 4.5KG STEEL U-CHANNEL | 1 | EA | *** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 150MM, 1.38MPA WP) |
| Lump Sum | LS | OVERHEAD SIGN ASSEMBLY AT STA ***** (14+20.00 - Y1) | 1 | EA | *** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA WP) |
| 1 | EA | SIGN ERECTION, TYPE D | 1 | EA | *** X ***** TAPPING SADDLE (200MM X 20MM) |
| 214 | EA | SIGN ERECTION, TYPE E | 3 | EA | RELOCATE EXISTING WATER METER |
| 6 | EA | SIGN ERECTION, TYPE F | 2 | EA | FIRE HYDRANT, ****MPA WP (1.38MPA WP) |
| 2 | EA | SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) | 8 | EA | RELOCATE EXISTING FIRE HYDRANT |
| Lump Sum | LS | SIGN LIGHTING SYSTEM, ***** (OVERHEAD "A") | 4 | M | ***MM PVC FORCE MAIN SEWER PIPE, ***** (50MM, SDR 21, 1.38MPA) |
| 5 | EA | RELOCATE SIGN, TYPE ***** (E) | 10 | M | ***MM DI SEWER PIPE, PC ****MPA (100MM, PC 2.41MPA) |
| 1 | EA | DISPOSAL OF SIGN SYSTEM, OVER- HEAD | 6 | M | 200MM DI SEWER PIPE, PC 2.41MPA |
| 55 | EA | DISPOSAL OF SIGN SYSTEM, U- CHANNEL | 14 | M | 250MM DI SEWER PIPE, PC 2.41MPA |
| 6 | EA | DISPOSAL OF SUPPORT, U-CHANNEL | 332 | M | ***MM DI FORCE MAIN SEWER PIPE PC ****MPA (400MM, PC 2.41MPA) |
| 2 | EA | DISPOSAL OF SIGN, D, E OR F | 6,008 | KG | DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP |
| 65 | M2 | WORK ZONE SIGNS (STATIONARY) | 2 | EA | SANITARY SEWER CLEAN-OUT |
| 60 | M2 | WORK ZONE SIGNS (PORTABLE) | 1 | EA | 1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH |
| 19 | M2 | WORK ZONE SIGNS (BARRICADE MOUNTED) | 1.2 | M | PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM) |
| 4 | EA | FLASHING ARROW PANELS, TYPE C | 556 | M | FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, PVC WATER) |
| 6 | EA | CHANGEABLE MESSAGE SIGNS | 400 | M | FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI WATER) |
| 4 | EA | WARNING FLAG SETS | 112 | M | FILL OR REMOVE ABANDONED 400MM PIPE, ***** (PVC SEWER) |
| 732 | EA | DRUMS | 2 | EA | BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE |
| 200 | EA | CONES | 78 | EA | GENERIC UTILITY ITEM 400MM RESTRAINED RETAINER GLANDS |
| 900 | MD | FLAGGER | 2 | EA | GENERIC UTILITY ITEM 50MM AIR RELEASE/VACUUM VALVE & MANHOLE |
| 12 | EA | WARNING LIGHTS (TYPE B) | 900 | M | TEMPORARY SILT FENCE |
| 4 | EA | TEMPORARY CRASH CUSHIONS | 500 | MTN | STONE FOR EROSION CONTROL, CLASS A |
| 3 | EA | TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH) | 3,600 | MTN | STONE FOR EROSION CONTROL, CLASS B |
| 120 | M | PORTABLE CONCRETE BARRIER | 2,150 | MTN | SEDIMENT CONTROL STONE |
| 180 | HR | POLICE | 8.5 | HA | TEMPORARY MULCHING |
| 358 | EA | TEMPORARY RAISED PAVEMENT MARKERS | 375 | KG | SEED FOR TEMPORARY SEEDING |
| 9,515 | M | THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) | 3 | MTN | FERTILIZER FOR TEMPORARY SEED- ING |
| 6,881 | M | THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) | 12 | M | TEMPORARY SLOPE DRAINS |
| 1,768 | M | THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) | 2 | EA | INLET PROTECTION AT TEMPORARY SLOPE DRAINS |
| 500 | M | THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) | 8,500 | M3 | SILT EXCAVATION |
| 539 | M | THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) | 7,900 | M2 | MATTING FOR EROSION CONTROL |
| 2 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) | 1,150 | M | 6.4MM HARDWARE CLOTH |
| 240 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) | 60 | M | ***MM TEMPORARY PIPE (750MM) |
| 61,486 | M | PAINT PAVEMENT MARKING LINES (100MM) | 200 | M3 | STILLING BASINS |
| 2,018 | M | PAINT PAVEMENT MARKING LINES (200MM) | 9 | HA | SEEDING & MULCHING |
| 845 | M | PAINT PAVEMENT MARKING LINES (600MM) | 5 | HA | MOWING |
| 12 | EA | PAINT PAVEMENT MARKING CHARAC- TER | 125 | KG | SEED FOR REPAIR SEEDING |
| 348 | EA | PAINT PAVEMENT MARKING SYMBOL | 0.5 | MTN | FERTILIZER FOR REPAIR SEEDING |
| 400 | M | REMOVAL OF PAVEMENT MARKING LINES (100MM) | | | |
| 1,072 | EA | SNOWPLOWABLE RAISED PAVEMENT MARKERS | | | |
| Lump Sum | LS | PORTABLE LIGHTING | | | |
| 80 | MTN | FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI) | | | |
| 80 | MTN | BEDDING MATERIAL, UTILITIES CLASS ***** (IV) | | | |
| 159 | M | 150MM DI WATER PIPE, PC 2.41MPA | | | |

| | | |
|----------|-----|--|
| 250 | KG | SEED FOR SUPPLEMENTAL SEEDING |
| 15 | MTN | FERTILIZER TOPDRESSING |
| 35 | M | IMPERVIOUS DIKE |
| 2 | HR | SPECIALIZED HAND MOWING |
| 12 | EA | RESPONSE FOR EROSION CONTROL |
| 0.41 | HA | STREAMBANK REFORESTATION |
| 500 | M2 | GENERIC EROSION CONTROL ITEM COIR FIBER MAT |
| 1,600 | M | GENERIC EROSION CONTROL ITEM SAFETY FENCE |
| 10 | EA | PEDESTRIAN SIGNAL HEAD (**MM, ** SECTION) (400MM, 2 SECTION W/COUNTDOWN) |
| 6,995 | M | SIGNAL CABLE |
| 133 | EA | VEHICLE SIGNAL HEAD (300MM, 3 SECTION) |
| 21 | EA | VEHICLE SIGNAL HEAD (300MM, 4 SECTION) |
| 50 | EA | VEHICLE SIGNAL HEAD (300MM, 5 SECTION) |
| 9 | EA | MODIFY EXISTING VEHICLE SIGNAL HEAD |
| 4,500 | M | MESSENGER CABLE (6.35MM) |
| 1,030 | M | MESSENGER CABLE (9.52MM) |
| 4,040 | M | TRACER WIRE |
| 155 | M | TRENCHING (PAVED) |
| 7,000 | M | TRENCHING (UNPAVED) |
| 2,660 | M | DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1) |
| 134 | EA | JUNCTION BOX (STANDARD SIZE) |
| 66 | EA | JUNCTION BOX (OVER-SIZED) |
| 16 | EA | WOOD POLE |
| 72 | EA | GUY ASSEMBLY |
| 5 | EA | 25MM RISER WITH WEATHERHEAD |
| 19 | EA | 50MM RISER WITH WEATHERHEAD |
| 21 | EA | 50MM RISER WITH HEAT SHRINK TUBING |
| 6,236 | M | INDUCTIVE LOOP SAWCUT |
| 15,290 | M | LEAD-IN CABLE |
| 2 | EA | SITE SURVEY |
| 8 | EA | LUMINAIRE ARM FOR VIDEO SYSTEM |
| 10,000 | M | COMMUNICATIONS CABLE (**FIBER) (12) |
| 16 | EA | INTERCONNECT CENTER |
| 41 | EA | DELINEATOR MARKER |
| 1 | EA | FURNISH FIBER-OPTIC RESTORA- TION KIT |
| 1 | EA | FURNISH FIBER-OPTIC POWER ME- TER |
| 1 | EA | FURNISH OPTICAL LIGHT GENERA- TOR |
| 1 | EA | FURNISH FIBER-OPTIC TRANSCEIV- ER |
| Lump Sum | LS | FIBER-OPTIC TRAINING |
| 4 | EA | METAL STRAIN SIGNAL POLE |
| 43 | EA | SIGNAL SUPPORT MAST ARM WITH METAL POLE |
| 2 | EA | DOUBLE MAST ARM WITH METAL POLE |
| 49 | EA | SOIL TEST |
| 16 | M | DRILLED PIER FOUNDATION (**MM DIA) (1067MM) |
| 164 | M | DRILLED PIER FOUNDATION (**MM DIA) (1220MM) |
| 2 | EA | SIGNAL PEDESTAL WITH FOUNDA- TION |
| 2 | EA | MAST ARM WITH METAL POLE DE- SIGN |
| 50 | EA | SIGN FOR SIGNALS |
| 16 | EA | SIGNAL CABINET FOUNDATION |
| 16 | EA | CABINET BASE ADAPTER |
| 16 | EA | CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED) |
| 103 | EA | DETECTOR CARD (TYPE 2070L) |
| 1 | EA | CENTRAL COMPUTER |
| 1 | EA | NOTEBOOK COMPUTER |
| 1 | EA | PRINTER |
| 9 | EA | METAL POLE FOUNDATION REMOVAL |
| 9 | EA | METAL POLE REMOVAL |
| 16 | EA | GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER SELF HEALING RING |
| 5 | EA | GENERIC SIGNAL ITEM GPS UNIT |
| 2 | EA | GENERIC SIGNAL ITEM POWDER COAT FOR DOUBLE MAST ARM WITH METAL POLE |

| | | |
|----|----|---|
| 4 | EA | GENERIC SIGNAL ITEM POWDER COAT FOR METAL STRAIN POLE |
| 2 | EA | GENERIC SIGNAL ITEM POWDER COAT FOR PEDESTRIAN PEDESTAL |
| 43 | EA | GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE |
| 2 | EA | GENERIC SIGNAL ITEM PREFORMED INDUCTIVE LOOP (1.8M X 18.0M) WITH 6.0M TAIL SECTION |

***** BEGIN SCHEDULE HA *****
***** (2 ALTERNATES) *****

| | | |
|---|----|--|
| 8 | EA | CAMERA WITH INTERNAL LOOP EMU- LATOR PROCESSING UNIT |
| | | *** OR *** |
| 8 | EA | CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT |
| 2 | EA | EXTERNAL LOOP EMULATOR PRO- CESSING UNIT |

*** END SCHEDULE HA ***

CULVERT ITEMS

| | | |
|----------|----|---|
| Lump Sum | LS | CULVERT EXCAVATION, STA ***** (28+13.000-L-) |
| 190.7 | M3 | CLASS A CONCRETE (CULVERT) |
| 20,792 | KG | EPOXY COATED REINFORCING STEEL (CULVERT) |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 003

CONTRACT ID : C200999 36981.3.1

DIV OFFICE WILSON

LENGTH = 0.000 MI

COUNTY : SAMPSON, JOHNSTON

INTELLEAGENT TRAFFIC SYSTEM.

DBE GOAL 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

I-95 & I-40 TRAVEL INFORMATION IMPROVEMENTS.

ROADWAY ITEMS

| | | | | | |
|----------|----|--|----------|----|--|
| | | | 1 | EA | GENERIC SIGNAL ITEM VIDEO MULTIPLEXER |
| | | | 8 | EA | GENERIC SIGNAL ITEM WIRELESS MVD DATA TRANSCEIVER |
| Lump Sum | LS | MOBILIZATION | 3 | EA | GENERIC SIGNAL ITEM WIRELESS VIDEO/PTZ SYSTEM |
| Lump Sum | LS | OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-***" (DMS-1) | 6 | EA | GENERIC SIGNAL ITEM WOOD POLE (35') |
| Lump Sum | LS | OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-***" (DMS-2) | 1 | EA | GENERIC SIGNAL ITEM WOOD POLE (45') |
| Lump Sum | LS | DYNAMIC MESSAGE SIGN SYSTEM "DMS-***" (DMS-1) | 1 | EA | GENERIC SIGNAL ITEM WORKSTATION |
| Lump Sum | LS | DYNAMIC MESSAGE SIGN SYSTEM "DMS-***" (DMS-2) | Lump Sum | LS | GENERIC SIGNAL ITEM SYSTEM INTEGRATON |
| | | | Lump Sum | LS | GENERIC SIGNAL ITEM TRAINING |
| 168 | SF | WORK ZONE SIGNS (STATIONARY) | 300 | LF | GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUITS, 2" (2 CONDUITS) |
| 760 | SF | WORK ZONE SIGNS (PORTABLE) | | | |
| 6 | EA | FLASHING ARROW PANELS, TYPE C | | | |
| 2 | EA | CHANGEABLE MESSAGE SIGNS | | | |
| 4 | EA | WARNING FLAG SETS | | | |
| 200 | EA | DRUMS | | | |
| 96 | HR | FLAGGER | | | |
| 4 | EA | TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) | | | |
| 250 | LF | DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2) | | | |
| 6 | EA | JUNCTION BOX (STANDARD SIZE) | | | |
| 8 | EA | 2" RISER WITH WEATHERHEAD | | | |
| 6 | EA | DELINEATOR MARKER | | | |
| 1 | EA | PRINTER | | | |
| 5 | EA | GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY | | | |
| 5 | EA | GENERIC SIGNAL ITEM CCTV METAL POLE | | | |
| 11 | EA | GENERIC SIGNAL ITEM EQUIPMENT CABINET (POLE MOUNTED) | | | |
| 1 | EA | GENERIC SIGNAL ITEM ETHERNET SWITCH | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH VIDEO/PTZ SYSTEM | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH CCTV CAMERA ASSEMBLY | | | |
| 2 | EA | GENERIC SIGNAL ITEM FURNISH CCTV TEST MONITOR | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH DMS CONTROLLER | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH ETHERNET SWITCH | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH MICROWAVE VEHICLE DETECTOR | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH MVD DATA TRANSCEIVER | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH VIDEO DECODER | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH VIDEO ENCODER | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH VIDEO MULTIPLEXER | | | |
| 1 | EA | GENERIC SIGNAL ITEM FURNISH VIDEO SIGNAL TESTING KIT | | | |
| 2 | EA | GENERIC SIGNAL ITEM LAPTOP | | | |
| 8 | EA | GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTOR (MVD) | | | |
| 3 | EA | GENERIC SIGNAL ITEM MONITOR | | | |
| 11 | EA | GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE | | | |
| 1 | EA | GENERIC SIGNAL ITEM PTZ CONTROL PANEL | | | |
| 3 | EA | GENERIC SIGNAL ITEM VIDEO DECODER | | | |
| 3 | EA | GENERIC SIGNAL ITEM VIDEO ENCODER | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 004

CONTRACT ID : C201207 4CR.10961.3

DIV OFFICE WILSON

LENGTH = 33.570 MI

COUNTY : WAYNE

MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 6.0% COMPLETION DATE : JUL 01 2005

3 SECTIONS OF NC-55, 1 SECTION OF NC-222 & 15 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | MOBILIZATION |
| 2,755 | TON | INCIDENTAL STONE BASE |
| 10.8 | SMI | SHOULDER RECONSTRUCTION |
| 10,000 | SY | INCIDENTAL MILLING |
| 1,873 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 23,657 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B |
| 11,243 | TON | ASPHALT CONC SURFACE COURSE, TYPE SF9.5A |
| 2,230 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 12 | EA | ADJUSTMENT OF MANHOLES |
| 15 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES |
| 192,605 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 127,086 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 100 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS) |
| 410 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) |
| 16 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL) |
| 73 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 2,803 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 6 | ACR | SEEDING & MULCHING |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 005

CONTRACT ID : C200806 33130.3.1

DIV OFFICE DURHAM

LENGTH = 0.265 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 12.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER MIDDLE CREEK AND APPROACHES ON SR-1006.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB-BING |
| Lump Sum | LS | REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+06.50) |
| Lump Sum | LS | GRADING |
| 600 | CY | UNDERCUT EXCAVATION |
| 340 | CY | DRAINAGE DITCH EXCAVATION |
| 110 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS |
| 72 | LF | 18" SIDE DRAIN PIPE |
| 32 | LF | 15" RC PIPE CULVERTS, CLASS III |
| 452 | LF | 18" RC PIPE CULVERTS, CLASS III |
| 432 | LF | 24" RC PIPE CULVERTS, CLASS III |
| 1 | EA | *** PIPE END SECTION (18") |
| 1 | EA | *** PIPE END SECTION (24") |
| 56 | LF | 15" CS PIPE CULVERTS, 0.064" THICK |
| 24 | LF | 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 24 | LF | 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 2 | EA | 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK |
| 2 | EA | 18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK |
| 208 | LF | PIPE REMOVAL |
| 980 | TON | AGGREGATE BASE COURSE |
| 60 | TON | INCIDENTAL STONE BASE |
| 640 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 760 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B |
| 180 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5A |
| 750 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B |
| 120 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 15 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| 15 | EA | RIGHT OF WAY MARKERS |
| 45 | CY | SUBDRAIN EXCAVATION |
| 34 | CY | SUBDRAIN FINE AGGREGATE |
| 200 | LF | 6" PERFORATED SUBDRAIN PIPE |
| 6 | EA | 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS |
| 6 | LF | 6" OUTLET PIPE (SUBDRAINS) |
| 1 | EA | CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET |
| 6 | EA | MASONRY DRAINAGE STRUCTURES |
| 4 | EA | FRAME WITH TWO GRATES, STD 840.24 |
| 2 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 60 | LF | SHOULDER BERM GUTTER |
| 700 | LF | STEEL BM GUARDRAIL |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 350 | LF | TEMPORARY STEEL BM GUARDRAIL |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III) |
| 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY |
| 120 | TON | PLAIN RIP RAP, CLASS II |
| 1 | TON | PLAIN RIP RAP, CLASS B |
| 690 | SY | FILTER FABRIC FOR DRAINAGE |

| | | |
|--------|-----|---|
| 1 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON |
| 5 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (E) |
| 13 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| 1 | EA | SIGN ERECTION, TYPE E |
| 7 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 132 | SF | WORK ZONE SIGNS (STATIONARY) |
| 96 | SF | WORK ZONE SIGNS (PORTABLE) |
| 36 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 36 | EA | DRUMS |
| 36 | EA | CONES |
| 110 | LF | BARRICADES (TYPE II) |
| 48 | LF | BARRICADES (TYPE III) |
| 80 | MD | FLAGGER |
| 6 | EA | WARNING LIGHTS (TYPE B) |
| 35 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 2,650 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 2,650 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 21,200 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 35 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 2,300 | LF | TEMPORARY SILT FENCE |
| 75 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 710 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 405 | TON | SEDIMENT CONTROL STONE |
| 5 | ACR | TEMPORARY MULCHING |
| 200 | LB | SEED FOR TEMPORARY SEEDING |
| 0.75 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 125 | LF | TEMPORARY SLOPE DRAINS |
| 5 | EA | INLET PROTECTION AT TEMPORARY SLOPE DRAINS |
| 1,400 | CY | SILT EXCAVATION |
| 2,035 | SY | MATTING FOR EROSION CONTROL |
| 120 | LF | 1/4" HARDWARE CLOTH |
| 8 | EA | SPECIAL STILLING BASINS |
| 6 | ACR | SEEDING & MULCHING |
| 3 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 125 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 4.5 | TON | FERTILIZER TOPDRESSING |
| 5 | HR | SPECIALIZED HAND MOWING |
| 8 | EA | RESPONSE FOR EROSION CONTROL |
| 1 | ACR | REFORESTATION |

STRUCTURE ITEMS

| | | |
|----------|----|--|
| Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (17+06.50 -L-) |
| Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+06.50 -L-) |
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+06.50 -L-) |
| 72 | LF | ***,***" DIA DRILLED PIERS IN SOIL (4'-0") |
| 40 | LF | ***,***" DIA DRILLED PIERS NOT IN SOIL (4'-0") |

| | | |
|----------|-----|---|
| 56 | LF | PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (4'-0") |
| 4 | EA | SID INSPECTION |
| 2 | EA | CROSSHOLE SONIC LOGGING |
| 488 | LF | CSL TUBES |
| Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+06.50 -L-) |
| 150.2 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (17+06.50 -L-) |
| 24,478 | LB | REINFORCING STEEL (BRIDGE) |
| 3,798 | LB | SPIRAL COLUMN REINFORCING STEEL (BRIDGE) |
| 480 | LF | HP12X53 STEEL PILES |
| 8 | EA | STEEL PILE POINTS |
| 309.56 | LF | CONCRETE BARRIER RAIL |
| 403 | TON | PLAIN RIP RAP CLASS II (2'-0" THICK) |
| 448 | SY | FILTER FABRIC FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| 1,852.69 | LF | 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 006

CONTRACT ID : C200830 33189.3.1

DIV OFFICE DURHAM

LENGTH = 0.114 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER HATCHER'S RUN & APPROACHES ON SR-1004.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+33.31) |
| Lump Sum | LS | GRADING |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB- BING |
| 100 | CY | UNDERCUT EXCAVATION |
| 70 | CY | DRAINAGE DITCH EXCAVATION |
| 200 | CY | SELECT GRANULAR MATERIAL |
| 200 | SY | FABRIC FOR SOIL STABILIZATION |
| 12 | TON | FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS |
| 36 | LF | 24" SIDE DRAIN PIPE |
| 56 | LF | 15" RC PIPE CULVERTS, CLASS III |
| 12 | LF | 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 2 | EA | 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK |
| 36 | LF | PIPE REMOVAL |
| 30 | TON | INCIDENTAL STONE BASE |
| 115 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 90 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B |
| 250 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B |
| 25 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 120 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| 25 | CY | SUBDRAIN EXCAVATION |
| 20 | CY | SUBDRAIN FINE AGGREGATE |
| 100 | LF | 6" PERFORATED SUBDRAIN PIPE |
| 3 | EA | 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS |
| 1 | EA | CONCRETE PAD FOR SUBDRAIN PIPE OUTLET |
| 6 | LF | 6" OUTLET PIPE (SUBDRAINS) |
| 2 | EA | MASONRY DRAINAGE STRUCTURES |
| 2 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 120 | LF | SHOULDER BERM GUTTER |
| 175 | LF | STEEL BM GUARDRAIL |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 15 | TON | PLAIN RIP RAP, CLASS A |
| 150 | SY | FILTER FABRIC FOR DRAINAGE |
| 3 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON |
| 384 | SF | WORK ZONE SIGNS (STATIONARY) |
| 108 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 4 | EA | WARNING FLAG SETS |
| 112 | LF | BARRICADES (TYPE III) |
| 1,300 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 1,300 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 25 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 455 | LF | TEMPORARY SILT FENCE |
| 75 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 125 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 50 | TON | SEDIMENT CONTROL STONE |
| 0.5 | ACR | TEMPORARY MULCHING |
| 50 | LB | SEED FOR TEMPORARY SEEDING |
| 0.25 | TON | FERTILIZER FOR TEMPORARY SEED- ING |
| 115 | CY | SILT EXCAVATION |

| | | |
|------|-----|-------------------------------------|
| 160 | SY | SYNTHETIC ROVING |
| 355 | SY | MATTING FOR EROSION CONTROL |
| 120 | SY | PERMANENT SOIL REINFORCEMENT MAT |
| 60 | LF | 1/4" HARDWARE CLOTH |
| 0.5 | ACR | SEEDING & MULCHING |
| 0.5 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 50 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 0.5 | TON | FERTILIZER TOPDRESSING |
| 1 | HR | SPECIALIZED HAND MOWING |
| 8 | EA | RESPONSE FOR EROSION CONTROL |

STRUCTURE ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+33.31 -L-) |
| 27.8 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (14+33.31 -L-) |
| 4,451 | LB | REINFORCING STEEL (BRIDGE) |
| 240 | LF | HP12X53 STEEL PILES |
| 106 | LF | CONCRETE BARRIER RAIL |
| 180 | TON | PLAIN RIP RAP CLASS II (2'-0" THICK) |
| 198 | SY | FILTER FABRIC FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| 689 | LF | 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 007

CONTRACT ID : C201213 37644

DIV OFFICE DURHAM

LENGTH = 10.100 MI

COUNTY : DURHAM, WAKE

RESURFACING, SHDR RECONST, GUARDRAIL & PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 9.0% COMPLETION DATE : OCT 29 2004

NC-98 FROM NICHOLS FARM RD IN DURHAM COUNTY TO FALL LAKE BRIDGE IN WAKE COUNTY.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| 101 | TON | INCIDENTAL STONE BASE |
| 20.2 | SMI | SHOULDER RECONSTRUCTION |
| 7,700 | SY | INCIDENTAL MILLING |
| 29,567 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 1,774 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 |
| 5,000 | TON | PATCHING EXISTING PAVEMENT |
| 39 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 106,656 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 118,100 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 1,200 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) |
| 495 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) |
| 12 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL) |
| 68 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 111,100 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 495 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 12 | EA | PAINT PAVEMENT MARKING CHARAC- TER |
| 900 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 20.2 | ACR | SEEDING & MULCHING |
| 3,600 | LF | INDUCTIVE LOOP SAWCUT |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 008

CONTRACT ID : C200998 35013.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.475 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & SIGNALS.

MBE GOAL 10.0% WBE 7.0% COMPLETION DATE : AUG 31 2005

SR-1556 FROM SOUTH OF INTERNATIONAL DR TO SR-1008 & SR-1008 FROM EAST OF SR-1556 TO WEST OF SR-1556.

ROADWAY ITEMS

| | | | | | |
|----------|-----|--|--------|-----|---|
| | | | 5 | EA | RELOCATE SIGN, TYPE ***** (E) |
| | | | 10 | EA | DISPOSAL OF SIGN SYSTEM, U- CHANNEL |
| | | | 78 | SF | WORK ZONE SIGNS (STATIONARY) |
| | | | 320 | SF | WORK ZONE SIGNS (PORTABLE) |
| | | | 2 | EA | FLASHING ARROW PANELS, TYPE C |
| | | | 3 | EA | WARNING FLAG SETS |
| | | | 124 | EA | DRUMS |
| | | | 40 | EA | CONES |
| | | | 720 | MD | FLAGGER |
| | | | 5 | EA | WARNING LIGHTS (TYPE B) |
| | | | 3 | EA | TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) |
| | | | 13,420 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| | | | 87 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS) |
| | | | 200 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) |
| | | | 4 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL) |
| | | | 44 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| | | | 1,000 | LF | PAINT PAVEMENT MARKING LINES (4") |
| | | | 148 | LF | PAINT PAVEMENT MARKING LINES (24") |
| | | | 466 | EA | SNOWPLOWABLE RAISED PAVEMENT MARKERS |
| | | | 3,050 | LF | TEMPORARY SILT FENCE |
| | | | 115 | TON | STONE FOR EROSION CONTROL, CLASS A |
| | | | 300 | TON | STONE FOR EROSION CONTROL, CLASS B |
| | | | 315 | TON | SEDIMENT CONTROL STONE |
| | | | 2.5 | ACR | TEMPORARY MULCHING |
| | | | 100 | LB | SEED FOR TEMPORARY SEEDING |
| | | | 0.5 | TON | FERTILIZER FOR TEMPORARY SEED- ING |
| | | | 275 | CY | SILT EXCAVATION |
| | | | 1,825 | SY | MATTING FOR EROSION CONTROL |
| | | | 850 | LF | 1/4" HARDWARE CLOTH |
| | | | 3 | ACR | SEEDING & MULCHING |
| | | | 1.5 | 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 |
| | | | 1 | HR | SPECIALIZED HAND MOWING |
| | | | 8 | EA | RESPONSE FOR EROSION CONTROL |
| | | | 1,095 | LF | SIGNAL CABLE |
| | | | 14 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) |
| | | | 1 | EA | VEHICLE SIGNAL HEAD (12", 5 SECTION) |
| | | | 855 | LF | MESSENGER CABLE (3/8") |
| | | | 575 | LF | TRENCHING (UNPAVED) |
| | | | 6 | EA | JUNCTION BOX (STANDARD SIZE) |
| | | | 4 | EA | WOOD POLE |
| | | | 6 | EA | GUY ASSEMBLY |
| | | | 1 | EA | 1" RISER WITH WEATHERHEAD |
| | | | 3 | EA | 2" RISER WITH WEATHERHEAD |
| | | | 2,090 | LF | INDUCTIVE LOOP SAWCUT |
| | | | 2,205 | LF | LEAD-IN CABLE |
| | | | 3 | EA | METAL STRAIN SIGNAL POLE |
| | | | 3 | EA | SOIL TEST |
| | | | 45 | LF | DRILLED PIER FOUNDATION (** DIA) (42") |
| | | | 3 | EA | LED BLANKOUT SIGN |
| | | | 1 | EA | SIGNAL CABINET FOUNDATION |
| | | | 1 | EA | CONTROLLER WITH CABINET NEMA T S-1 (BASE MOUNTED) |
| | | | 6 | EA | DETECTOR UNIT NEMA TS-1 |
| | | | 1 | EA | METAL POLE FOUNDATION REMOVAL |
| | | | 1 | EA | METAL POLE REMOVAL |
| Lump Sum | LS | MOBILIZATION | | | |
| 50 | GAL | GENERIC MISCELLANEOUS ITEM DISPOSAL OF DECONTAMINATION WATER | | | |
| 100 | TON | GENERIC MISCELLANEOUS ITEM EXCAVATION, HAULING & DISPOSAL OF CONTAMINATED SOIL | | | |
| Lump Sum | LS | GRADING | | | |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB- BING | | | |
| 300 | CY | UNDERCUT EXCAVATION | | | |
| 291 | TON | FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS | | | |
| 372 | LF | 12" RC PIPE CULVERTS, CLASS III | | | |
| 1,384 | LF | 15" RC PIPE CULVERTS, CLASS III | | | |
| 204 | LF | 18" RC PIPE CULVERTS, CLASS III | | | |
| 768 | LF | 24" RC PIPE CULVERTS, CLASS III | | | |
| 16 | LF | 48" RC PIPE CULVERTS, CLASS III | | | |
| 835 | LF | PIPE REMOVAL | | | |
| 60 | TON | INCIDENTAL STONE BASE | | | |
| 3,760 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | | | |
| 2,050 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C | | | |
| 2,850 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | | | |
| 330 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 | | | |
| 174 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 | | | |
| 20 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR | | | |
| 6 | CY | ENDWALLS | | | |
| 0.5 | CY | PIPE COLLARS | | | |
| 2 | CY | PIPE PLUGS | | | |
| 31 | EA | MASONRY DRAINAGE STRUCTURES | | | |
| 1.45 | LF | MASONRY DRAINAGE STRUCTURES | | | |
| 3 | EA | FRAME WITH TWO GRATES, STD 840.16 | | | |
| 4 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) | | | |
| 12 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) | | | |
| 10 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) | | | |
| 6,280 | LF | 2'-6" CONCRETE CURB & GUTTER | | | |
| 2,150 | SY | 4" CONCRETE SIDEWALK | | | |
| 150 | SY | CONCRETE WHEELCHAIR RAMPS | | | |
| 320 | SY | 6" CONCRETE DRIVEWAY | | | |
| 4 | EA | ADJUSTMENT OF MANHOLES | | | |
| 13 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES | | | |
| 1 | EA | GENERIC DRAINAGE ITEM CONVERT EXT CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX | | | |
| 11 | TON | PLAIN RIP RAP, CLASS B | | | |
| 250 | SY | FILTER FABRIC FOR DRAINAGE | | | |
| 1 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON | | | |
| 99 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (E) | | | |
| 16.38 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (F) | | | |
| 262 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL | | | |
| 10 | EA | SIGN ERECTION, TYPE E | | | |
| 2 | EA | SIGN ERECTION, TYPE F | | | |

- 1 EA GENERIC SIGNAL ITEM
RCU TERMINATION PANEL
- 1 EA GENERIC SIGNAL ITEM
RCU UNIT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 009

CONTRACT ID : C201215 37107

DIV OFFICE ABERDEEN

LENGTH = 8.400 MI

COUNTY : CHATHAM

DRAINAGE, MILLING, SHOULDER RECONST & RESURFACING.

MBE GOAL 3.0% WBE 2.0% COMPLETION DATE : JUN 30 2005

SR-1012 FROM US-15/501 TO SR-1011.

ROADWAY ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | MOBILIZATION |
| 34 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS |
| 160 | LF | 18" RC PIPE CULVERTS, CLASS III |
| 124 | LF | 30" RC PIPE CULVERTS, CLASS III |
| 36 | LF | 36" RC PIPE CULVERTS, CLASS III |
| 1 | EA | *** PIPE END SECTION (18") |
| 288 | LF | PIPE REMOVAL |
| 200 | TON | INCIDENTAL STONE BASE |
| 16.8 | SMI | SHOULDER RECONSTRUCTION |
| 444 | SY | MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3") |
| 111 | SY | INCIDENTAL MILLING |
| 12,198 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| 21,081 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 524 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 1,265 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 |
| 170 | TON | PATCHING EXISTING PAVEMENT |
| 5 | TON | PLAIN RIP RAP, CLASS I |
| 358,070 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 4 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 554 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 200 | LF | TEMPORARY SILT FENCE |
| 40 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 40 | TON | SEDIMENT CONTROL STONE |
| 12 | ACR | SEEDING & MULCHING |
| 500 | LF | INDUCTIVE LOOP SAWCUT |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 010

CONTRACT ID : C201216 36963

DIV OFFICE ABERDEEN

LENGTH = 2.590 MI

COUNTY : LEE

MILLING, SHLDR RECONST, RESURFACING OR HIP ALT & PVMT MKGS.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : MAY 06 2005

US-1 FROM US-421 TO SANFORD SOUTHERN CITY LIMITS.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| 10.36 | SMI | SHOULDER RECONSTRUCTION |
| 570 | SY | INCIDENTAL MILLING |
| 160 | TON | PATCHING EXISTING PAVEMENT |
| 1 | EA | CHANGEABLE MESSAGE SIGNS |
| 89,600 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 8,230 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 5,000 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) |
| 12 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 59,450 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 600 | EA | SNOWPLOWABLE RAISED PAVEMENT MARKERS |
| 7.54 | ACR | SEEDING & MULCHING |
| | | ***** BEGIN SCHEDULE AA ***** |
| | | ***** (2 ALTERNATES) ***** |
| 36,528 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (2") |
| 5,470 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C |
| 25,655 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 257 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 1,540 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 |
| | | *** OR *** |
| 28,675 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 1,721 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 |
| 45 | TON | GENERIC PAVING ITEM ASPHALT BINDER FOR ADMIXTURE, GRADE PG64-22 |
| 735 | TON | GENERIC PAVING ITEM HOT MIX ASPHALT ADMIXTURE, TYPE 119.0C |
| 3,655 | GAL | GENERIC PAVING ITEM EMULSIFIED ASPHALT REJUVENATING AGENT |
| 36,528 | SY | GENERIC PAVING ITEM HOT-IN-PLACE RECYCLING, TYPE 119.0C |

*** END SCHEDULE AA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 011

CONTRACT ID : C201218 36961

DIV OFFICE ABERDEEN

LENGTH = 12.970 MI

COUNTY : HOKE

DRAINAGE, MILLING, SHLDR RECONST, RESURFACING & SIGNALS.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : JUN 30 2005

US-401 FROM SCOTLAND COUNTY LINE TO US-401 BUS..

ROADWAY ITEMS

| Lump Sum | LS | DESCRIPTION |
|----------|-----|--|
| | LS | MOBILIZATION |
| 22 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS |
| 60 | LF | 18" RC PIPE CULVERTS, CLASS III |
| 88 | LF | 24" RC PIPE CULVERTS, CLASS III |
| 52 | LF | 30" RC PIPE CULVERTS, CLASS III |
| 600 | TON | INCIDENTAL STONE BASE |
| 4.58 | SMI | SHOULDER CONSTRUCTION |
| 21.36 | SMI | SHOULDER RECONSTRUCTION |
| 933 | SY | INCIDENTAL MILLING |
| 14,975 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 39,580 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B |
| 3,019 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 150 | TON | PATCHING EXISTING PAVEMENT |
| 8 | CY | PIPE COLLARS |
| 2 | EA | ADJUSTMENT OF MANHOLES |
| 2 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES |
| 1,225 | LF | STEEL BM GUARDRAIL |
| 62.5 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 10 | EA | ADDITIONAL GUARDRAIL POSTS |
| 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77) |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE AT-1 |
| 5 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 687,256 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 3,060 | LF | PAINT PAVEMENT MARKING LINES (8") |
| 200 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 80 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 950 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 250 | LF | TEMPORARY SILT FENCE |
| 50 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 180 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 120 | TON | SEDIMENT CONTROL STONE |
| 100 | CY | SILT EXCAVATION |
| 19.5 | ACR | SEEDING & MULCHING |
| 620 | LF | SIGNAL CABLE |
| 8 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) |
| 450 | LF | MESSANGER CABLE (3/8") |
| 590 | LF | TRENCHING (UNPAVED) |
| 6 | EA | JUNCTION BOX (STANDARD SIZE) |
| 8 | EA | WOOD POLE |
| 8 | EA | GUY ASSEMBLY |
| 1 | EA | 1" RISER WITH WEATHERHEAD |
| 6 | EA | 2" RISER WITH WEATHERHEAD |
| 1,200 | LF | INDUCTIVE LOOP SAWCUT |
| 1,680 | LF | LEAD-IN CABLE |
| 1 | EA | SIGNAL CABINET FOUNDATION |
| 1 | EA | CABINET BASE ADAPTER |
| 1 | EA | CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED) |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 012

CONTRACT ID : C201217 36970

DIV OFFICE ABERDEEN

LENGTH = 8.400 MI

COUNTY : SCOTLAND

DRAINAGE, MILLING, SHLDR RECONST, RESURFACING & SIGNALS.

MBE GOAL 2.0% WBE 6.0% COMPLETION DATE : JUN 30 2005

US-401 FROM US-401 BYPASS TO THE HOKE COUNTY LINE.

ROADWAY ITEMS

| | | | | | |
|----------|-----|--|---|----|--|
| | | | 1 | EA | CABINET BASE ADAPTER |
| | | | 1 | EA | CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED) |
| Lump Sum | LS | MOBILIZATION | | | |
| 100 | SY | REMOVAL OF EXISTING ASPHALT PAVEMENT | | | |
| 19 | SY | GENERIC GRADING ITEM REMOVAL OF EXISTING ISLANDS | | | |
| 220 | LF | GENERIC GRADING ITEM REMOVAL OF EXISTING 8" X 6" CURB | | | |
| 5 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS | | | |
| 12 | LF | 15" RC PIPE CULVERTS, CLASS III | | | |
| 28 | LF | 24" RC PIPE CULVERTS, CLASS III | | | |
| 2 | EA | *** PIPE END SECTION (24") | | | |
| 300 | TON | INCIDENTAL STONE BASE | | | |
| 1.81 | SMI | SHOULDER CONSTRUCTION | | | |
| 13.65 | SMI | SHOULDER RECONSTRUCTION | | | |
| 68,126 | SY | MILLING ASPHALT PAVEMENT, *** DEPTH (1") | | | |
| 2,563 | SY | INCIDENTAL MILLING | | | |
| 6,770 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B | | | |
| 18,700 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | |
| 1,413 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 | | | |
| 50 | TON | PATCHING EXISTING PAVEMENT | | | |
| 2 | CY | PIPE COLLARS | | | |
| 200 | LF | ***X *** CONCRETE CURB (8" X 6") | | | |
| 4 | EA | ADJUSTMENT OF MANHOLES | | | |
| 7 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES | | | |
| 2,828 | LF | STEEL BM GUARDRAIL | | | |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS | | | |
| 10 | EA | GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77) | | | |
| 14 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 | | | |
| 100 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS) | | | |
| 150 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) | | | |
| 16 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL) | | | |
| 404,300 | LF | PAINT PAVEMENT MARKING LINES (4") | | | |
| 4,060 | LF | PAINT PAVEMENT MARKING LINES (8") | | | |
| 260 | LF | PAINT PAVEMENT MARKING LINES (24") | | | |
| 63 | EA | PAINT PAVEMENT MARKING SYMBOL | | | |
| 915 | EA | PERMANENT RAISED PAVEMENT MARKERS | | | |
| 1,000 | LF | TEMPORARY SILT FENCE | | | |
| 50 | TON | STONE FOR EROSION CONTROL, CLASS B | | | |
| 40 | TON | SEDIMENT CONTROL STONE | | | |
| 12 | ACR | SEEDING & MULCHING | | | |
| 730 | LF | SIGNAL CABLE | | | |
| 8 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) | | | |
| 620 | LF | MESSENGER CABLE (3/8") | | | |
| 840 | LF | TRENCHING (UNPAVED) | | | |
| 8 | EA | JUNCTION BOX (STANDARD SIZE) | | | |
| 8 | EA | WOOD POLE | | | |
| 8 | EA | GUY ASSEMBLY | | | |
| 1 | EA | 1" RISER WITH WEATHERHEAD | | | |
| 6 | EA | 2" RISER WITH WEATHERHEAD | | | |
| 1,170 | LF | INDUCTIVE LOOP SAWCUT | | | |
| 2,230 | LF | LEAD-IN CABLE | | | |
| 1 | EA | SIGNAL CABINET FOUNDATION | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 013

CONTRACT ID : C201221 36961

DIV OFFICE ABERDEEN

LENGTH = 21.370 MI

COUNTY : HOKE, SCOTLAND

DRAINAGE, MILLING, SHLDR RECONST, RESURFACING & SIGNALS.

MBE GOAL 1.0% WBE 4.0% COMPLETION DATE : JUN 30 2005

US-401 FROM US-401 BUS IN HOKE COUNTY TO US-401 BYPASS IN SCOTLAND COUNTY.

ROADWAY ITEMS

| | | | | | |
|-----------|-----|---|-------|----|--|
| | | | 1,070 | LF | MESSENGER CABLE (3/8") |
| | | | 1,430 | LF | TRENCHING (UNPAVED) |
| | | | 14 | EA | JUNCTION BOX (STANDARD SIZE) |
| | | | 16 | EA | WOOD POLE |
| | | | 16 | EA | GUY ASSEMBLY |
| | | | 2 | EA | 1" RISER WITH WEATHERHEAD |
| | | | 12 | EA | 2" RISER WITH WEATHERHEAD |
| | | | 2,370 | LF | INDUCTIVE LOOP SAWCUT |
| | | | 3,910 | LF | LEAD-IN CABLE |
| | | | 2 | EA | SIGNAL CABINET FOUNDATION |
| | | | 2 | EA | CABINET BASE ADAPTER |
| | | | 2 | EA | CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED) |
| Lump Sum | LS | MOBILIZATION | | | |
| 100 | SY | REMOVAL OF EXISTING ASPHALT PAVEMENT | | | |
| 19 | SY | GENERIC GRADING ITEM REMOVAL OF EXISTING ISLANDS | | | |
| 220 | LF | GENERIC GRADING ITEM REMOVAL OF EXISTING 8" X 6" CURB | | | |
| 27 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS | | | |
| 12 | LF | 15" RC PIPE CULVERTS, CLASS III | | | |
| 60 | LF | 18" RC PIPE CULVERTS, CLASS III | | | |
| 116 | LF | 24" RC PIPE CULVERTS, CLASS III | | | |
| 52 | LF | 30" RC PIPE CULVERTS, CLASS III | | | |
| 2 | EA | *** PIPE END SECTION (24") | | | |
| 900 | TON | INCIDENTAL STONE BASE | | | |
| 6.39 | SMI | SHOULDER CONSTRUCTION | | | |
| 35.01 | SMI | SHOULDER RECONSTRUCTION | | | |
| 68,126 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (1") | | | |
| 3,496 | SY | INCIDENTAL MILLING | | | |
| 21,745 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B | | | |
| 58,280 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | |
| 4,432 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 | | | |
| 200 | TON | PATCHING EXISTING PAVEMENT | | | |
| 10 | CY | PIPE COLLARS | | | |
| 200 | LF | ***X ** CONCRETE CURB (8" X 6") | | | |
| 6 | EA | ADJUSTMENT OF MANHOLES | | | |
| 9 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES | | | |
| 4,053 | LF | STEEL BM GUARDRAIL | | | |
| 62.5 | LF | STEEL BM GUARDRAIL, SHOP CURVED | | | |
| 15 | EA | ADDITIONAL GUARDRAIL POSTS | | | |
| 16 | EA | GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77) | | | |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE AT-1 | | | |
| 19 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 | | | |
| 100 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS) | | | |
| 150 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) | | | |
| 16 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL) | | | |
| 1,091,556 | LF | PAINT PAVEMENT MARKING LINES (4") | | | |
| 7,120 | LF | PAINT PAVEMENT MARKING LINES (8") | | | |
| 460 | LF | PAINT PAVEMENT MARKING LINES (24") | | | |
| 143 | EA | PAINT PAVEMENT MARKING SYMBOL | | | |
| 1,865 | EA | PERMANENT RAISED PAVEMENT MARKERS | | | |
| 1,250 | LF | TEMPORARY SILT FENCE | | | |
| 50 | TON | STONE FOR EROSION CONTROL, CLASS A | | | |
| 230 | TON | STONE FOR EROSION CONTROL, CLASS B | | | |
| 160 | TON | SEDIMENT CONTROL STONE | | | |
| 100 | CY | SILT EXCAVATION | | | |
| 31.5 | ACR | SEEDING & MULCHING | | | |
| 1,350 | LF | SIGNAL CABLE | | | |
| 16 | EA | VEHICLE SIGNAL HEAD (12", 3 SECTION) | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 014

CONTRACT ID : C201198 37691

DIV OFFICE ALBEMARLE

LENGTH = 7.590 MI

COUNTY : MECKLENBURG

GRADING, MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 6.0% WBE 4.0% COMPLETION DATE : DEC 10 2004

NC-16 FROM GASTON COUNTY TO LAWTON ROAD.

ROADWAY ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | GRADING |
| 100 | TON | INCIDENTAL STONE BASE |
| 20 | SMI | SHOULDER RECONSTRUCTION |
| 318,792 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (1") |
| 2,500 | SY | INCIDENTAL MILLING |
| 300 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| 39,976 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 100 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE) |
| 13 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 2,405 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 |
| 2,000 | TON | PATCHING EXISTING PAVEMENT |
| 1,000 | LF | 1'-6" CONCRETE CURB & GUTTER |
| 500 | SY | 5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED) |
| 2 | EA | ADJUSTMENT OF MANHOLES |
| 8 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES |
| 2 | EA | FLASHING ARROW PANELS, TYPE C |
| 1 | EA | CHANGEABLE MESSAGE SIGNS |
| 1 | EA | TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) |
| 80 | HR | POLICE |
| 178,950 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 34,400 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 1,800 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) |
| 220 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS) |
| 1,600 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) |
| 52 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL) |
| 85 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 155,000 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 1,600 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 2,000 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 6 | ACR | SEEDING & MULCHING |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 015

CONTRACT ID : C201220 38126

DIV OFFICE ALBEMARLE

LENGTH = 4.850 MI

COUNTY : MECKLENBURG

MILLING, RESURFACING, CURB & GUTTER AND PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 7.0% COMPLETION DATE : NOV 19 2004

NC-16 FROM QUEENS ROAD TO OLD PROVIDENCE ROAD.

ROADWAY ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | MOBILIZATION |
| 100 | CY | UNDERCUT EXCAVATION |
| 40 | TON | INCIDENTAL STONE BASE |
| 68,600 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (2") |
| 5,000 | SY | INCIDENTAL MILLING |
| 8,450 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 300 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE) |
| 525 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 |
| 3,000 | TON | PATCHING EXISTING PAVEMENT |
| 5,339 | TON | ULTRATHIN HOT MIX ASPHALT, TYPE B |
| 149,367 | SY | APPLICATION OF ULTRATHIN HOT MIX ASPHALT |
| 2,000 | LF | 2'-6" CONCRETE CURB & GUTTER |
| 650 | SY | 4" CONCRETE SIDEWALK |
| 40 | EA | WHEELCHAIR RAMPS |
| 70 | EA | GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMPS |
| 67 | EA | ADJUSTMENT OF MANHOLES |
| 65 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES |
| 1 | EA | FLASHING ARROW PANELS, TYPE C |
| 1 | EA | CHANGEABLE MESSAGE SIGNS |
| 1 | EA | TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) |
| 100 | HR | POLICE |
| 1,000 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 41,000 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 400 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) |
| 3,200 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS) |
| 1,500 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) |
| 12 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL) |
| 150 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 20,000 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 2,125 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| Lump Sum | LS | PORTABLE LIGHTING |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 016

CONTRACT ID : C200832 33250.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.098 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2005

CULVERT ON BRUSHY FORK CREEK & APPROACHES ON SR-1117.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | CONSTRUCTION SURVEYING |
| Lump Sum | LS | GRADING |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB-BING |
| 1,900 | CY | DRAINAGE DITCH EXCAVATION |
| 60 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS |
| 104 | LF | 18" SIDE DRAIN PIPE |
| 64 | LF | 12" RC PIPE CULVERTS, CLASS III |
| 96 | LF | 15" RC PIPE CULVERTS, CLASS III |
| 116 | LF | 18" RC PIPE CULVERTS, CLASS III |
| 160 | LF | 42" RC PIPE CULVERTS, CLASS III |
| 50 | LF | PIPE REMOVAL |
| 80 | TON | INCIDENTAL STONE BASE |
| 485 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 235 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5A |
| 37 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 22 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| 17 | EA | RIGHT OF WAY MARKERS |
| 23 | CY | SUBDRAIN EXCAVATION |
| 17 | CY | SUBDRAIN FINE AGGREGATE |
| 100 | LF | 6" PERFORATED SUBDRAIN PIPE |
| 9 | EA | 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS |
| 1 | EA | CONCRETE PAD FOR SUBDRAIN PIPE OUTLET |
| 6 | LF | 6" OUTLET PIPE (SUBDRAINS) |
| 6 | CY | ENDWALLS |
| 3 | CY | FLOWABLE FILL |
| 4 | EA | MASONRY DRAINAGE STRUCTURES |
| 1 | EA | FRAME WITH TWO GRATES, STD 840.16 |
| 3 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 225 | LF | SHOULDER BERM GUTTER |
| 90 | LF | CONCRETE EXPRESSWAY GUTTER |
| 587.5 | LF | STEEL BM GUARDRAIL |
| 125 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE AT-1 |
| 3 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 112.5 | LF | TEMPORARY STEEL BM GUARDRAIL |
| 50 | LF | TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED) |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1) |
| 420 | TON | PLAIN RIP RAP, CLASS I |
| 65 | TON | PLAIN RIP RAP, CLASS B |
| 1,945 | SY | FILTER FABRIC FOR DRAINAGE |
| 1 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON |
| 92 | SF | WORK ZONE SIGNS (STATIONARY) |
| 112 | SF | WORK ZONE SIGNS (PORTABLE) |
| 50 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 60 | EA | DRUMS |
| 22 | EA | CONES |
| 114 | LF | BARRICADES (TYPE III) |
| 960 | HR | FLAGGER |
| 1 | EA | TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH) |
| 16 | EA | TEMPORARY RAISED PAVEMENT MARKERS |

| | | |
|-------|-----|---|
| 2,445 | LF | EPOXY PAVEMENT MARKING LINES (4") |
| 37 | LF | EPOXY PAVEMENT MARKING LINES (24") |
| 5,690 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 74 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 1,025 | LF | TEMPORARY SILT FENCE |
| 175 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 405 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 135 | TON | SEDIMENT CONTROL STONE |
| 1 | ACR | TEMPORARY MULCHING |
| 50 | LB | SEED FOR TEMPORARY SEEDING |
| 0.25 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 60 | LF | TEMPORARY SLOPE DRAINS |
| 2 | EA | INLET PROTECTION AT TEMPORARY SLOPE DRAINS |
| 670 | CY | SILT EXCAVATION |
| 200 | SY | SYNTHETIC ROVING |
| 550 | SY | MATTING FOR EROSION CONTROL |
| 60 | LF | 1/4" HARDWARE CLOTH |
| 1 | ACR | SEEDING & MULCHING |
| 0.5 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 50 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 0.75 | TON | FERTILIZER TOPDRESSING |
| 100 | LF | IMPERVIOUS DIKE |
| 1.5 | HR | SPECIALIZED HAND MOWING |
| 12 | EA | RESPONSE FOR EROSION CONTROL |
| 560 | CY | CULVERT DIVERSION CHANNEL |
| 0.35 | ACR | REFORESTATION |
| 55 | EA | GENERIC EROSION CONTROL ITEM NATURAL STONE BOULDER - 4000LB |
| 12 | EA | GENERIC EROSION CONTROL ITEM NATURAL STONE BOULDER - 6000LB |

CULVERT ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+33.00-L-) |
| Lump Sum | LS | CULVERT EXCAVATION, STA ***** (16+33.00-L-) |
| 150 | TON | FOUNDATION CONDITIONING MATERIAL, BOX CULVERT |
| 232.7 | CY | CLASS A CONCRETE (CULVERT) |
| 42,830 | LB | REINFORCING STEEL (CULVERT) |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 017

CONTRACT ID : C200773 33170.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.134 MI

COUNTY : BURKE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER LITTLE CREEK & APPROACHES ON SR-1900.

ROADWAY ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | GRADING |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB-BING |
| 75 | CY | UNDERCUT EXCAVATION |
| 500 | TON | CLASS IV SUBGRADE STABILIZATION |
| 500 | CY | SELECT GRANULAR MATERIAL |
| 500 | SY | FABRIC FOR SOIL STABILIZATION |
| 6 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS |
| 36 | LF | 15" SIDE DRAIN PIPE |
| 8 | LF | 15" RC PIPE CULVERTS, CLASS III |
| 4 | LF | 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 21 | TON | AGGREGATE BASE COURSE |
| 100 | TON | INCIDENTAL STONE BASE |
| 255 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 230 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B |
| 142 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5A |
| 32 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 5 | EA | RIGHT OF WAY MARKERS |
| 100 | CY | SUBDRAIN EXCAVATION |
| 70 | CY | SUBDRAIN FINE AGGREGATE |
| 400 | LF | 4" PERFORATED SUBDRAIN PIPE |
| 12 | EA | 4" SUBDRAIN PIPE WYES, TEES, & ELBOWS |
| 1 | EA | CONCRETE PAD FOR SUBDRAIN PIPE OUTLET |
| 6 | LF | 6" OUTLET PIPE (SUBDRAINS) |
| 1 | EA | MASONRY DRAINAGE STRUCTURES |
| 1 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 65 | LF | SHOULDER BERM GUTTER |
| 25 | LF | STEEL BM GUARDRAIL |
| 18.75 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE AT-1 |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 3 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 150 | SY | FILTER FABRIC FOR DRAINAGE |
| 1 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON |
| 52 | SF | WORK ZONE SIGNS (STATIONARY) |
| 96 | SF | WORK ZONE SIGNS (PORTABLE) |
| 20 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 84 | EA | DRUMS |
| 50 | EA | CONES |
| 200 | LF | BARRICADES (TYPE III) |
| 20 | HR | FLAGGER |
| 11,360 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 100 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| 150 | LF | TEMPORARY SILT FENCE |
| 75 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 200 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 50 | TON | SEDIMENT CONTROL STONE |
| 1.5 | ACR | TEMPORARY MULCHING |
| 50 | LB | SEED FOR TEMPORARY SEEDING |
| 0.25 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 290 | CY | SILT EXCAVATION |
| 275 | SY | SYNTHETIC ROVING |

| | | |
|------|-----|----------------------------------|
| 425 | SY | MATTING FOR EROSION CONTROL |
| 25 | SY | PERMANENT SOIL REINFORCEMENT MAT |
| 20 | LF | 1/4" HARDWARE CLOTH |
| 1.5 | ACR | SEEDING & MULCHING |
| 1 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 50 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 1.25 | TON | FERTILIZER TOPDRESSING |
| 1 | HR | SPECIALIZED HAND MOWING |
| 8 | EA | RESPONSE FOR EROSION CONTROL |
| 0.5 | ACR | REFORESTATION |

STRUCTURE ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+05.00 -L-) |
| Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+05.00 -L-) |
| 25 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (13+05.00 -L-) |
| 3,679 | LB | REINFORCING STEEL (BRIDGE) |
| 150 | LF | HP12X53 STEEL PILES |
| 105.21 | LF | CONCRETE BARRIER RAIL |
| 127 | TON | PLAIN RIP RAP CLASS II (2'-0" THICK) |
| 140 | SY | FILTER FABRIC FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| 473.44 | LF | 3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 018

CONTRACT ID : C200815 33107.3.2

DIV OFFICE ASHEVILLE

LENGTH = 0.073 MI

COUNTY : MADISON

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2005

CULVERT ON EAST FORK BULL CREEK AT SR-1369.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | CONSTRUCTION SURVEYING |
| Lump Sum | LS | GRADING |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB-BING |
| 340 | SF | TEMPORARY SHORING |
| 1 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS |
| 8 | LF | 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 48 | LF | GENERIC PIPE ITEM 66" UNCOATED CSP 0.138" THICK |
| 48 | LF | PIPE REMOVAL |
| 80 | TON | AGGREGATE BASE COURSE |
| 20 | TON | INCIDENTAL STONE BASE |
| 105 | GAL | PRIME COAT |
| 168 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 167 | TON | ASPHALT CONC SURFACE COURSE, TYPE SF9.5A |
| 19 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 15 | EA | RIGHT OF WAY MARKERS |
| 11 | CY | PIPE COLLARS |
| 30 | CY | GENERIC DRAINAGE ITEM TEMP SANDBAG HEADWALL |
| 162.5 | LF | STEEL BM GUARDRAIL |
| 137.5 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 187.5 | LF | TEMPORARY STEEL BM GUARDRAIL |
| 100 | LF | TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED) |
| 2 | EA | GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1) |
| 2 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY |
| 20 | TON | PLAIN RIP RAP, CLASS I |
| 2 | TON | PLAIN RIP RAP, CLASS B |
| 822 | SY | FILTER FABRIC FOR DRAINAGE |
| 23.75 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (E) |
| 54 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| 4 | EA | SIGN ERECTION, TYPE E |
| 9 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 2 | EA | DISPOSAL OF SIGN SYSTEM, WOOD |
| 198 | SF | WORK ZONE SIGNS (STATIONARY) |
| 144 | SF | WORK ZONE SIGNS (PORTABLE) |
| 30 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 20 | EA | DRUMS |
| 20 | EA | CONES |
| 37 | LF | BARRICADES (TYPE III) |
| 1,000 | HR | FLAGGER |
| 1 | EA | TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH) |
| 72 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 5,600 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 240 | LF | PAINT PAVEMENT MARKING LINES (8") |
| 60 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 150 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| 1,300 | LF | TEMPORARY SILT FENCE |
| 150 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 260 | TON | STONE FOR EROSION CONTROL, CLASS B |

| | | |
|------|-----|----------------------------------|
| 205 | TON | SEDIMENT CONTROL STONE |
| 1.5 | ACR | TEMPORARY MULCHING |
| 50 | LB | SEED FOR TEMPORARY SEEDING |
| 0.25 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 560 | CY | SILT EXCAVATION |
| 136 | SY | SYNTHETIC ROVING |
| 415 | SY | MATTING FOR EROSION CONTROL |
| 6 | EA | SPECIAL STILLING BASINS |
| 2 | ACR | SEEDING & MULCHING |
| 1 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 50 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 1.25 | TON | FERTILIZER TOPDRESSING |
| 180 | LF | IMPERVIOUS DIKE |
| 1.5 | HR | SPECIALIZED HAND MOWING |
| 8 | EA | RESPONSE FOR EROSION CONTROL |
| 139 | CY | CULVERT DIVERSION CHANNEL |
| 0.2 | ACR | REFORESTATION |

CULVERT ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+78.00 -L-) |
| Lump Sum | LS | CULVERT EXCAVATION, STA ***** (10+78.00 -L-) |
| 92 | TON | FOUNDATION CONDITIONING MATERIAL, BOX CULVERT |
| 145.6 | CY | CLASS A CONCRETE (CULVERT) |
| 25,433 | LB | REINFORCING STEEL (CULVERT) |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 019

CONTRACT ID : C200817 33168.3.2

DIV OFFICE ASHEVILLE

LENGTH = 0.211 MI

COUNTY : BURKE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER HENRY FORK RIVER & APPROACHES ON SR-1001.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+69.50) |
| Lump Sum | LS | GRADING |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB- BING |
| 30 | TON | FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS |
| 24 | LF | 15" SIDE DRAIN PIPE |
| 60 | LF | 15" RC PIPE CULVERTS, CLASS III |
| 160 | LF | 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 6 | EA | 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK |
| 241 | LF | PIPE REMOVAL |
| 100 | TON | AGGREGATE BASE COURSE |
| 100 | TON | INCIDENTAL STONE BASE |
| 190 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 160 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B |
| 250 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5A |
| 32 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 13 | EA | RIGHT OF WAY MARKERS |
| 2 | EA | MASONRY DRAINAGE STRUCTURES |
| 2 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 75 | LF | ***X *** CONCRETE CURB (8" X 12") |
| 71 | LF | SHOULDER BERM GUTTER |
| 562.5 | LF | STEEL BM GUARDRAIL |
| 25 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE AT-1 |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 3 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 8 | TON | PLAIN RIP RAP, CLASS B |
| 330 | SY | FILTER FABRIC FOR DRAINAGE |
| 356 | SF | WORK ZONE SIGNS (STATIONARY) |
| 94 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 1 | EA | WARNING FLAG SETS |
| 50 | EA | CONES |
| 96 | LF | BARRICADES (TYPE III) |
| 7,000 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 425 | LF | TEMPORARY SILT FENCE |
| 150 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 245 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 85 | TON | SEDIMENT CONTROL STONE |
| 3.5 | ACR | TEMPORARY MULCHING |
| 150 | LB | SEED FOR TEMPORARY SEEDING |
| 0.5 | TON | FERTILIZER FOR TEMPORARY SEED- ING |
| 120 | LF | TEMPORARY SLOPE DRAINS |
| 4 | EA | INLET PROTECTION AT TEMPORARY SLOPE DRAINS |
| 470 | CY | SILT EXCAVATION |
| 340 | SY | SYNTHETIC ROVING |
| 740 | SY | MATTING FOR EROSION CONTROL |
| 40 | LF | 1/4" HARDWARE CLOTH |
| 3.5 | ACR | SEEDING & MULCHING |
| 2 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 75 | LB | SEED FOR SUPPLEMENTAL SEEDING |

| | | |
|-----|-----|------------------------------|
| 2.5 | TON | FERTILIZER TOPDRESSING |
| 2 | HR | SPECIALIZED HAND MOWING |
| 8 | EA | RESPONSE FOR EROSION CONTROL |

STRUCTURE ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+69.50 -L-) |
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+69.50 -L-) |
| Lump Sum | LS | UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+69.50 -L-) |
| 7,078 | SF | REINFORCED CONCRETE DECK SLAB |
| 5,738 | SF | GROOVING BRIDGE FLOORS |
| 80.3 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (15+69.50 -L-) |
| 12,675 | LB | REINFORCING STEEL (BRIDGE) |
| 841.42 | LF | 54" PRESTRESSED CONCRETE GIR- DERS |
| 710 | LF | HP12X53 STEEL PILES |
| 600 | LF | PP ** X **** STEEL PILES (24 X 0.625) |
| 425.77 | LF | CONCRETE BARRIER RAIL |
| 253 | TON | PLAIN RIP RAP CLASS II (2'-0" THICK) |
| 281 | SY | FILTER FABRIC FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| Lump Sum | LS | EVAZOTE JOINT SEALS |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040615 020

CONTRACT ID : C201191 38202.3.1

DIV OFFICE SYLVA

LENGTH = 18.160 MI

COUNTY : HENDERSON, POLK

DRAINAGE, MILLING SHOULDER CONST, RESURFACING & GUARDRAIL.

DBE GOAL 15.0% COMPLETION DATE : AUG 12 2005

I-26 FROM MP-53.79 TO MP-61.75 AND RAMPS AT SR-1142 AND US-225.

ROADWAY ITEMS

| | | | | | |
|----------|-----|---|-------|----|-----------------------------------|
| Lump Sum | LS | MOBILIZATION | 1,291 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 8.76 | SMI | SHOULDER RECONSTRUCTION | | | |
| 126,945 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4") | | | |
| 13,503 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (6") | | | |
| 20,705 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0D | | | |
| 13,131 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B | | | |
| 35,600 | TON | ASPHALT CONC SURFACE COURSE, TYPE S12.5D | | | |
| 789 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 | | | |
| 973 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 | | | |
| 1,710 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22 | | | |
| 167,620 | LF | MILLED RUMBLE STRIPS | | | |
| 45 | CY | SUBDRAIN EXCAVATION | | | |
| 34 | CY | SUBDRAIN FINE AGGREGATE | | | |
| 200 | LF | 6" PERFORATED SUBDRAIN PIPE | | | |
| 6 | EA | 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS | | | |
| 1 | EA | CONCRETE PAD FOR SUBDRAIN PIPE OUTLET | | | |
| 6 | LF | 6" OUTLET PIPE (SUBDRAINS) | | | |
| 2 | EA | MASONRY DRAINAGE STRUCTURES | | | |
| 2 | EA | FRAME WITH TWO GRATES, STD 840.***** (840.20) | | | |
| 200 | LF | ***X *** CONCRETE CURB (8" X 6") | | | |
| 1,444 | SY | 4" CONCRETE PAVED DITCH | | | |
| 6,912.5 | LF | STEEL BM GUARDRAIL | | | |
| 1 | EA | TRIPLE CORRUGATED GUARDRAIL TERMINAL SECTIONS | | | |
| 8,000 | LF | 20" TUBULAR TRIPLE CORRUGATED STEEL BM GUARDRAIL | | | |
| 7 | EA | W-TR STEEL BM GUARDRAIL TRAN- SITION SECTIONS | | | |
| 7 | EA | GUARDRAIL ANCHOR UNITS, TYPE CAT-1 | | | |
| 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 | | | |
| 4,400 | LF | REMOVE & RESET EXISTING GUARD- RAIL | | | |
| 130 | TON | PLAIN RIP RAP, CLASS A | | | |
| 1,028 | SF | WORK ZONE SIGNS (PORTABLE) | | | |
| 2 | EA | FLASHING ARROW PANELS, TYPE C | | | |
| 2 | EA | CHANGEABLE MESSAGE SIGNS | | | |
| 4 | EA | WARNING FLAG SETS | | | |
| 200 | EA | DRUMS | | | |
| 2 | EA | TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH) | | | |
| 16,975 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) | | | |
| 562 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) | | | |
| 180 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) | | | |
| 745 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) | | | |
| 383,400 | LF | PAINT PAVEMENT MARKING LINES (4") | | | |
| 4,800 | LF | PAINT PAVEMENT MARKING LINES (8") | | | |
| 24 | EA | PAINT PAVEMENT MARKING SYMBOL | | | |
| 191,300 | LF | POLYUREA PAVEMENT MARKING LINES (6", 20 MILS) | | | |
| 2,400 | LF | POLYUREA PAVEMENT MARKING LINES (12", 20 MILS) | | | |
| 12 | EA | GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING SYMBOLS | | | |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040615 021

CONTRACT ID : C201219 37259

DIV OFFICE

LENGTH = 10.140 MI

COUNTY : GRAHAM

MILLING, SHLDR RECONST, GUARDRAIL, & RESURFACING.

MBE GOAL 3.0% WBE 9.0% COMPLETION DATE : JUN 30 2005

US-129 FROM SR-1260 TO THE CHEROKEE COUNTY LINE.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| 30 | TON | INCIDENTAL STONE BASE |
| 4.08 | SMI | SHOULDER RECONSTRUCTION |
| 107,950 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2") |
| 9,460 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 15,382 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B |
| 13,479 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B |
| 1,938 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 400 | TON | PATCHING EXISTING PAVEMENT |
| 85,600 | LF | MILLED RUMBLE STRIPS |
| 15,287.5 | LF | STEEL BM GUARDRAIL |
| 162.5 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 10 | EA | ADDITIONAL GUARDRAIL POSTS |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE CAT-1 |
| 69 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 6,011.5 | LF | REMOVE EXISTING GUARDRAIL |
| 117,014 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 117,014 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 240 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) |
| 190,968 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 7.86 | ACR | SEEDING & MULCHING |