




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

November 20, 2007

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

From: R.A. Garris, P.E.  
State Contract Officer 

Subject: ***2006 Metric Standard Specifications for Roads and Structures  
and 2006 Metric Roadway Standard Drawings***

In 1999, the North Carolina Department of Transportation elected to return to the English measurement system when developing project plans as a result of the elimination of the FHWA metric requirement in the 1998 TEA 21 legislation. However, design efforts had already begun on approximately sixty projects utilizing the metric measurement system. Of those, some remained metric and were let under the 2002 Specifications and Standards, and some were re-engineered (converted) to English plans. Currently, there are fourteen projects that will be designed, let and constructed utilizing the 2006 Metric Specifications and Standards. See attached list for project information and tentative let dates.

The Metric Specifications Book is a mirror image of the 2006 (English) Specifications Book, except for the conversion to metric units and dimensions. The 2006 Metric Standard Drawings is a mirror image of the 2006 (English) Standard Drawings, except that Standards 840.25 and 700.01 have been updated to match Details 840D25 and 700D01. The Specifications and Standards are available in .pdf on the Projects Services Website at: <http://www.ncdot.org/doh/preconstruct/ps/contracts/default.html>

The 2006 Metric Specifications and Standards are being printed within the Department and are available for purchase. Due to the small number of metric projects to be let over the next several years, a limited number will be printed. Therefore we ask that you review the attached list of projects and not order immediately if projects of interest to you are further out in the future. This will allow us to manage the printing demands much more efficiently. The 2006 Metric Standard Specifications for Roads and Structures and the 2006 Metric Roadway Standard Drawings are \$25.00 each plus 6.75% North Carolina sales tax. To request a copy, please contact Rick Montanez at 919-250-4014, or place your order electronically at the following Website:  
<http://www.ncdot.org/doh/preconstruct/altern/value/manuals/puborder.html>

If you have any questions, I can be reached at (919) 250-4124.

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACTS & PROPOSALS  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

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

WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

LOCATION:  
CENTURY CENTER COMPLEX  
BUILDING B - ENTRANCE B 15  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC

<b>TIP#</b>	<b>DIVISION</b>	<b>COUNTY</b>	<b>DESCRIPTION</b>	<b>TENTATIVE LET DATE</b>
R-2518A	13	MADISON	US 19 FROM MADISON CL TO SR 1336 IN YANCEY COUNTY	JANUARY 15, 2008
R-2554BA	4	WAYNE	US 70 GOLDSBORO BYPASS	APRIL 15, 2008
R-2518B	13	MADISON YANCEY	US 19 FROM I-26 IN MADISON CO. TO SR 1336 IN YANCEY CO.	JUNE 17, 2008
R-2206BA R-2206CA	12	LINCOLN	NC 16 FROM NC 73 TO SR1895 AT EXISTING NC 16 NORTH OF CHRONICLE IN CATAWBA COUNTY	AUGUST 19, 2008
R-2301A	2	CRAVEN JONES	US 17 (NEW BERN BYPASS) FROM US 17 SOUTH OF NEW BERN TO US 70	NOVEMBER 18, 2008
U-2519E X-0002B	6	CUMBERLAND ROBERSON	FAYETTEVILLE OUTER LOOP FROM WEST OF NC 24 TO 1.3 MILES EAST OF NC 87-210	NOVEMBER 18, 2008
X-0002C	6	CUMBERLAND	NC 24 EXTENSION (FAYETTEVILLE OUTER LOOP) FROM 1.3 MILES EAST OF NC 87-210 TO WEST OF US 401	NOVEMBER 18, 2008
U-2519DA	6	CUMBERLAND	FAYETTEVILLE OUTER LOOP FROM EAST OF SR 1415 TO EAST OF NC 24	DECEMBER 16, 2008
R-2824	13	BURKE	SR 1546 FROM SR 1545 TO SR 1001	JANUARY 20, 2009
R-2414A	1	CAMDEN	US 158-NC 34 FROM EAST OF PASQUATANK RIVER IN ELIZABETH CITY TO SOUTH OF SR 1257	MARCH 17, 2009
R-2814A	5	WAKE	US 401 FROM SR 2044 TO NORTH OF SR 2226	OCTOBER 20, 2009
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	NOVEMBER 17, 2009
R-2519A	13	YANCEY	US 19 EAST FROM SR 1336 TO NC 80	FEBRUARY 16, 2010
R-2413C	7	GUILFORD ROCKINGHAM	NC 68 CONNECTOR -US 220 FROM THE HAW RIVER TO EXISTING NC 68/US 220 INTERSECTION	MARCH 16, 2010



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

October 23, 2007

**MEMORANDUM TO:** Prospective Bidders  
**FROM:** R. A. Garris, P.E. *RAG*  
Contract Officer  
**SUBJECT:** Work Zone Traffic Control Qualifications and Training Program

The Department is pursuing a Work Zone Traffic Control Qualifications and Training Program for DOT, CEI, Contractor, and Encroachment Agreement personnel. The purpose of this memo is to outline the goals of the Department and inform CEI and Contractor personnel impacted. Training for this certification will be provided by NCDOT approved training sources and/or private entities that have been pre-approved to train themselves. On the job training will also be a requirement of proper qualifications. To obtain detailed information regarding the Work Zone Qualifications and Training Program, please visit our web site at [www.ncdot.org/~wztc](http://www.ncdot.org/~wztc) or contact Meredith McDiarmid of the Work Zone Traffic Control Unit at [mmcdiarmid@dot.state.nc.us](mailto:mmcdiarmid@dot.state.nc.us) or by phone at (919) 250-4159.

Generally described, three (3) levels of qualification and training requirements are being developed:

**Work Zone Traffic Control Supervisors**

Targets Work Zone Traffic Control Supervisors on Significant Projects. Supervisors will be required to attend extensive training and have considerable qualifications to comply. Significant Projects will be identified by the Department and designated as such in the project bid proposal. Significant Projects are generally defined as follows:

- A project that will impact the traveling public at the metropolitan or regional level (and possibly more broadly)
- A project that has a high level of public interest
- A project that will directly impact a moderate to high number of travelers
- A project that has high user cost impacts
- A project that has a duration that is moderate to long

Our present goal is for properly qualified and trained Work Zone Traffic Control Supervisors to be required on Significant Projects **beginning July 2010**.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACTS AND PROPOSALS  
1591 MAIL SERVICE CENTER  
RALEIGH, NORTH CAROLINA 27699-1591

TELEPHONE: 919-250-4124  
FAX: 919-250-4127  
WEBSITE: [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

**LOCATION:**  
CENTURY CENTER COMPLEX  
BUILDING B-ENTRANCE B 15  
1020 BIRCH RIDGE DRIVE  
RALEIGH, NORTH CAROLINA 27610

Prospective Bidders  
Work Zone Traffic Control Qualifications and Training Program  
Page 2 of 2

**Work Zone Traffic Control Installers**

Targets Work Zone Traffic Control Installers for any type of work zone traffic control installation on all projects. One Work Zone Traffic Control Certified Installer will be required for each traffic control installation crew. Our present goal is for properly qualified and trained Work Zone Traffic Control Installers to be required **beginning January 2010**.

**Work Zone Flaggers**

Targets flaggers for any type of flagging operation on all projects. All flaggers will be required to be certified. The implementation date for Flaggers has not yet been determined but will follow the implementation date for Flagger Instructors. Our present goal is for properly qualified and trained Work Zone Flaggers to be required **beginning July 2009**.

If implementation of this program proves to be a successful tool in making our work zones safer for the motorist and worker, the program may be expanded to include all projects. We appreciate the precautions you take and decisions you make on a daily basis that contribute to a safer work zone program for North Carolina.

RAG/mmm



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

September 18, 2007

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.

Subject: Bonding Reminder

As a reminder to all Prequalified Bidders, when you requalify every three years, you are required to show the ability to obtain bonding. The requirements for bonding are described in North Carolina General Statute 44A-26. According to this statute, for contracts in excess of \$300,000, contractors must provide a performance and payment bond. Furthermore, it states, "The performance bond and the payment bond shall be executed by one or more surety companies legally authorized to do business in the State of North Carolina." Therefore, when requalifying you must give current evidence of the ability to secure bonding in excess of \$300,000 from a surety company legally authorized to do business in North Carolina. You may confirm your surety company's status at the following web link provided by the North Carolina Department of Insurance:

[http://infoportal.ncdoi.net/run\\_reports.jsp?REPT=INSCMPLOA](http://infoportal.ncdoi.net/run_reports.jsp?REPT=INSCMPLOA)

Please click on "Fidelity and Surety". It will provide for you in real-time all the North Carolina licensed surety companies. If your surety company's name does not show up exactly as it appears on this list or does not appear at all, you may want to confirm the name with your insurance company. We will not accept bond letters or other evidence of bonding if the name of the surety does not match exactly the ones on this list.

If you have any questions, I can be reached at (919) 250-4124.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACTS & PROPOSALS  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

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

WEBSITE: [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

**LOCATION:**  
CENTURY CENTER COMPLEX  
BUILDING B - ENTRANCE B 15  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

September 18, 2007

**MEMORANDUM TO:** Prospective Bidders   
**FROM:** Randy A. Garris, PE, Contract Officer  
**SUBJECT:** New On-The-Job Training Special Provision

Effective with the November 20, 2007 letting, the Project Special Provision for Training will be revised. The following are highlights of the differences between the old provision *Training Special Provisions* and the new Special Provision *On the Job Training*.

- All contractors, both existing and newcomers will be automatically placed in the Alternate Program. Standard OJT requirements typically associated with individual projects will no longer be applied at the project level; instead, these requirements will be applicable on an annual basis for each contractor.
- The number of training slots may range from no less than 1 to no more than 15 per contractor per calendar year. The Contractor shall sign an agreement to fulfill their goal for the year. A sample agreement is available at [www.ncdot.org/business/ocs/ojt/](http://www.ncdot.org/business/ocs/ojt/).
- Contractors working in North Carolina must use the NCDOT program classifications as shown in the *On-the-Job Training Program Manual* available at <http://www.ncdot.org/business/ocs/ojt/word/MANUAL.DOC>.
- If a contractor fails to attain their training assignments for the calendar year, they may be taken off the Bidders List.
- There is no change in the payment for Trainees. There will be no compensation for providing training required by the contract documents.

The new provision for *On the Job Training* is attached for your convenience. If there are any questions, please call Marvin Butler, UCP, Training, and HBCU/MIHE Services Unit at 919-733-7174.

## **ON-THE-JOB TRAINING:**

(10-16-07)

Z-10

### **Description**

The North Carolina Department of Transportation will administer a custom version of the Federal On-the-Job Training (OJT) Program, commonly referred to the Alternate OJT Program. All contractors (existing and newcomers) will be automatically placed in the Alternate Program. Standard OJT requirements typically associated with individual projects will no longer be applied at the project level. Instead, these requirements will be applicable on an annual basis for each contractor.

On the Job Training shall meet the requirements of 23 CFR 230.107 (b), 23 USC – Section 140, this provision and the *On-the-Job Training Program Manual*.

The Alternate OJT Program will allow a contractor to train employees on Federal, State and privately funded projects located in North Carolina. However, priority must be given to training employees on Federal funded projects.

### **Minorities and Women**

Training and upgrading of minorities and women toward journeymen status is a primary objective of this provision. Accordingly, the Contractor shall make every effort to enroll minority trainees and women to the extent that such persons are available within a reasonable area of recruitment. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether or not members of a minority group.

### **Assessing Training Goals**

The Department through the On-The-Job Training (OJT) Program Manager of the Contractor Support Services Section within the UCP, Training and HBCU/MIHE Services Unit will assign training goals for a calendar year based on past three years' activity and anticipated upcoming year's activity with the Department. At the beginning of each year, all contractors will be contacted by the Department to determine the number of trainees that will be assigned to the Contractor for that calendar year. At that time the Contractor shall enter into an agreement with the Department to provide a self-imposed on-the-job training program for the calendar year. This agreement will include a specific number of annual training slots agreed to by both parties. The number of training slots may range from 1 to 15 per contractor per calendar year. The Contractor shall sign an agreement to fulfill their goal for the year. A sample agreement is available at [www.ncdot.org/business/ocs/ojt/](http://www.ncdot.org/business/ocs/ojt/).

### **Training Classifications**

The Contractor shall provide on-the-job training aimed at developing full journey workers in the construction crafts. Preference shall be given to providing training in the following skilled work classifications:

Equipment Operators  
Truck Drivers  
Carpenters  
Concrete Finishers  
Pipe Layers

Office Engineers  
Estimators  
Iron / Reinforcing Steel Workers  
Mechanics  
Welders

The Department has established common training classifications and their respective training requirements that may be used by the contractors. However, the classifications established are not all-inclusive. Where the training is oriented toward construction applications, training will be allowed in lower-level management positions such as office engineers, estimators and timekeepers. Contractors shall submit new classifications for specific job functions that their employees are performing. The Department will review and recommend for acceptance to FHWA the new classifications proposed by contractors, if applicable. New classifications shall meet the following requirements:

Proposed training classifications are reasonable and realistic based on the job skill classification needs, and

The number of training hours specified in the training classification is consistent with common practices and provides enough time for the trainee to obtain journeyman level status.

The Contractor may allow trainees to be trained by a subcontractor provided that the Contractor retains primary responsibility for meeting the training and this provision is made applicable to the subcontract. However, only the Contractor will receive credit towards the annual goal for the trainee.

Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. The number of trainees shall be distributed among the work classifications on the basis of the contractor's needs and the availability of journeymen in the various classifications within a reasonable area of recruitment.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journeyman status or in which they have been employed as a journeyman.

### **Records and Reports**

The Contractor shall furnish the trainee a copy of the training program to be followed. Additionally, the Contractor shall provide each trainee with a certification showing the type and length of training satisfactorily completed.

The Contractor will maintain and furnish monthly reports documenting company compliance under these contract documents. This information shall be provided to the On-The-Job Training (OJT) Program Manager of the Contractor Support Services Section within the UCP, Training and HBCU/MIHE Services Unit.



## **Trainee Wages**

Contractors shall compensate trainees on a graduating pay scale based upon a percentage of the prevailing minimum journeyman wages (Davis-Bacon Act). Minimum pay shall be as follows:

60 percent	of the journeyman wage for the first half of the training period
75 percent	of the journeyman wage for the third quarter of the training period
90 percent	of the journeyman wage for the last quarter of the training period

In no instance shall a trainee be paid less than the local minimum wage. It is the Contractor's responsibility to adhere to the minimum rate that will satisfy both the NCDOL and the Department.

## **Achieving or Failing to Meet Training Goals**

The Contractor will be credited for each trainee employed by him on the contract work who is currently enrolled or becomes enrolled in an approved program and who receives training for at least 50 percent of the specific program requirement. Trainees will be allowed to be transferred between projects if required by the Contractor's workload scheduling.

If a contractor fails to attain their training assignments for the calendar year, they may be taken off the Bidders List.

## **Measurement and Payment**

No compensation will be provided for providing training required by the contract documents.



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

March 20, 2007

MEMORANDUM TO: Prospective Bidders

FROM: Randy A. Garris, PE *RAG*  
Contract Office

SUBJECT: Erosion and Sediment Control/ Stormwater Certification Training  
Level III-A & Level III-B

As you are aware, the Department has implemented two of the three phases of Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to alert Contractors and Private Engineering Firms of changes to the Level III Certification Program. To better provide the necessary instruction and software tools for personnel tasked with E&SC plan design, two emphasis areas, Level III-A and Level III-B have been developed.

Level III-A will target Private Engineering Firms and Design Build Contractors who design erosion and sediment control and stormwater pollution prevention plans under the NCDOT Delegated program. Plans developed under the Department's Delegated Erosion and Sediment Control Program require approval by the Department prior to implementation.

Level III-B will target Bid-Build and Design-Build Contractors as well as Private Engineering Firms who design the erosion and sediment control component of reclamation plans.

The workshop for each Level III specialty area is a one-day fast paced class for engineers and advanced level technicians. Workshops will be offered on a regional basis with instructors from North Carolina State University. Engineering analysis methods for erosion prediction and design will be presented as well as hydrologic and hydraulic engineering principles. Certification exams are associated with each workshop. The implementation date for Level III-A and Level III-B is January 2008 and plans submitted after that date will be accompanied with the appropriate Level III certification number of the designer.

To obtain detailed information regarding the certification program, review locations for Level III classes or registration, or view the project special provision included in contracts, please visit the certification website at: [www.bae.ncsu.edu/workshops/dot/index.html](http://www.bae.ncsu.edu/workshops/dot/index.html) Registration for Level III workshops are currently open and accepting registrants.

Questions not addressed on the website may be directed to Ted Sherrod of the Roadside Environmental Unit at [tsherrod@dot.state.nc.us](mailto:tsherrod@dot.state.nc.us) or by phone at (919) 733-2920.

rce

cc: Ellis Powell, P.E., State Construction Engineer  
Don Lee, CPESC, State Roadside Environmental Engineer

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
CHIEF ENGINEER'S OFFICE  
1537 MAIL SERVICE CENTER

TELEPHONE: 919-733-7621  
FAX: 919-733-4141

WEBSITE: [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

LOCATION:  
TRANSPORTATION BUILDING  
1 SOUTH WILMINGTON STREET  
RALEIGH NC

**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 PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON FEBRUARY 19, 2008. 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. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

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

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION 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.ncdot.org/doh/construction/ps/contracts/letting.html>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-250-4124.

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).

**PREQUALIFYING TO BID:** ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR 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, PROJECT 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 JANUARY 22, 2008.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

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

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

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

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Terry R Gibson, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L080219

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C201549	33572.3.1	PERQUIMANS	0.114 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C201771	33516.3.1	JONES	0.181 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C201587	33574.3.1	PITT	0.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C202006	4CR.10331.7 ETC.	EDGEcombe, HALIFAX	15.910 MI	RESURFACING.
005	C201999	4CR.10511.11 ETC	JOHNSTON	49.430 MI	MILLING AND RESURFACING.
006	C202005	4CR.10961.12 ETC	WAYNE	30.430 MI	RESURFACING.
007	C201585	33477.3.1	GRANVILLE	0.338 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C201997	37670 ETC.	DURHAM	21.500 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
009	C201769	33483.3.1	GUILFORD	0.195 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C201770	33484.3.1	GUILFORD	0.221 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
011	C201773	33596.3.1	ROCKINGHAM	0.180 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
012	C201998	41598	GUILFORD	4.340 MI	MILLING, RESURFACING, ULTRATHIN, SHLDR RECONST, & CONC ISLD.
013	C201772	33588.3.1	RANDOLPH	0.363 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
014	C201776	37331.3.1	RANDOLPH	0.630 MI	REST AREA.
015	C201774	33622.3.2	STOKES	0.121 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
016	C201684	34906.3.4	FORSYTH	2.240 KM	WIDENING, GRADING, DRAINAGE & PAVING.
017	C202003	10CR.10041.16 ET	ANSON	6.520 MI	RESURFACING.
018	C202004	10CR.10901.15 ET	UNION	9.360 MI	RESURFACING, SHOULDER CONSTRUCTION & RECONSTRUCTION.
019	C201765	33159.3.1	ASHE	0.069 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
020	C201766	33379.2.2	ASHE	0.103 MI	GRADING, DRAINAGE, PAVING, RETAINING WALL, & STRUCTURE.
021	C201775	33654.3.1	WATAUGA	0.104 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
022	C201729	33237.3.1	RUTHERFORD	0.223 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
023	C201617	33278.3.1	CHEROKEE	0.063 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
024	C201618	33303.3.1	HENDERSON	0.140 MI	GRADING, DRAINAGE, PAVING & CULVERT.
025	C201879	34351.3.23	TRANSYLVANIA	2.081 MI	GRADING, DRAINAGE, AND PAVING.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 001

CONTRACT ID : C201549 33572.3.1

DIV OFFICE EDENTON

LENGTH = 0.114 MI

COUNTY : PERQUIMANS

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER SUTTON CREEK & APPROACHES ON SR-1304.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	12	EA	RESPONSE FOR EROSION CONTROL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+62.50)			
	1	ACR			SUPPLEMENTARY CLEARING & GRUB- BING
	200	CY			UNDERCUT EXCAVATION
Lump Sum	LS	GRADING			
	850	CY			BORROW EXCAVATION
	100	CY			SELECT GRANULAR MATERIAL
	100	SY			FABRIC FOR SOIL STABILIZATION
	10	TON			FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
	48	LF			***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (15", 0.064")
	4	EA			***" BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (15", 0.064")
	230	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	215	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	25	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	30	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 GRATE, STD 840.29
	40	LF			SHOULDER BERM GUTTER
	375	LF			STEEL BM GUARDRAIL
	5	EA			ADDITIONAL GUARDRAIL POSTS
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE B-77
	5	TON			RIP RAP, CLASS B
	160	SY			FILTER FABRIC FOR DRAINAGE
	304	SF			WORK ZONE SIGNS (STATIONARY)
	114	SF			WORK ZONE SIGNS (BARRICADE MOUNTED)
	136	LF			BARRICADES (TYPE III)
	1,050	LF			TEMPORARY SILT FENCE
	75	TON			STONE FOR EROSION CONTROL, CLASS A
	50	TON			STONE FOR EROSION CONTROL, CLASS B
	35	TON			SEDIMENT CONTROL STONE
	1.5	ACR			TEMPORARY MULCHING
	50	LB			SEED FOR TEMPORARY SEEDING
	0.25	TON			FERTILIZER FOR TEMPORARY SEED- ING
	75	LF			TEMPORARY SLOPE DRAINS
	4	EA			INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	200	LF			SAFETY FENCE
	40	CY			SILT EXCAVATION
	120	SY			MATTING FOR EROSION CONTROL
	100	LF			1/4" HARDWARE CLOTH
	100	SY			FLOATING TURBIDITY CURTAIN
	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	TON			FERTILIZER TOPDRESSING
	2	HR			SPECIALIZED HAND MOWING

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+62.50-L-)			
	1	EA			PDA TESTING
	1	EA			PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+62.50-L-)			
	39.8	CY			CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+62.50-L-)			
	5,894	LB			EPOXY COATED REINFORCING STEEL (BRIDGE)
	1,040	LF			HP12X53 STEEL PILES
	16	EA			PILE REDRIVES
	175.44	LF			CONCRETE BARRIER RAIL
	186	TON			RIP RAP CLASS II (2'-0" THICK)
	207	SY			FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS			
	1,052.62	LF			3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 002

CONTRACT ID : C201771 33516.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.181 MI

COUNTY : JONES

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 01 2008

BRIDGE OVER MUSSEL SHELL CREEK & APPROACHES ON NC-41.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+30.60)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
26	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
28	LF	18" SIDE DRAIN PIPE
48	LF	15" RC PIPE CULVERTS, CLASS III
22	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
450	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
5,380	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
345	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
23	CY	SUBDRAIN EXCAVATION
17	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
42	LF	SHOULDER BERM GUTTER
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
625	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2	TON	RIP RAP, CLASS B
305	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
523	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
60	EA	CONES
80	LF	BARRICADES (TYPE III)
30	MD	FLAGGER
420	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
184,360	LF	PAINT PAVEMENT MARKING LINES (4")
292	EA	PERMANENT RAISED PAVEMENT MARKERS
55	LF	8" WATER LINE
2	EA	8" VALVE
430	LF	ABANDON 8" UTILITY PIPE
196	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL
196	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
850	LF	TEMPORARY SILT FENCE
100	TON	STONE FOR EROSION CONTROL, CLASS A

75	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
110	CY	SILT EXCAVATION
175	SY	MATTING FOR EROSION CONTROL
200	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	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+30.60-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+30.60-L-)
3,649	SF	CONCRETE WEARING SURFACE
4,244	SF	GROOVING BRIDGE FLOORS
52.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+30.60-L-)
8,988	LB	REINFORCING STEEL (BRIDGE)
420	LF	HP12X53 STEEL PILES
520	LF	HP12X53 GALVANIZED STEEL PILES
15	EA	PILE REDRIVES
205.5	LF	CONCRETE BARRIER RAIL
462	TON	RIP RAP CLASS II (2'-0" THICK)
513	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,332.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 003

CONTRACT ID : C201587 33574.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.152 MI

COUNTY : PITT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : NOV 15 2008

BRIDGE OVER SWIFT CREEK AND APPROACHES ON NC-102.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+47.000 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
321	CY	DRAINAGE DITCH EXCAVATION
100	SY	FABRIC FOR SOIL STABILIZATION
100	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
160	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
288	LF	24" SIDE DRAIN PIPE
276	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
3	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
18	LF	PIPE REMOVAL
150	TON	AGGREGATE BASE COURSE
125	TON	INCIDENTAL STONE BASE
7	SMI	SHOULDER RECONSTRUCTION
3,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
8,060	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
639	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
70	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
30	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)
9	EA	MASONRY DRAINAGE STRUCTURES
0.3	LF	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.29
4	EA	FRAME WITH COVER, STD 840.54
340	LF	SHOULDER BERM GUTTER
400	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
100	LF	REMOVE EXISTING GUARDRAIL
54	TON	RIP RAP, CLASS B
219	SY	FILTER FABRIC FOR DRAINAGE
22	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
54	LF	SUPPORTS, WOOD
3	EA	SIGN ERECTION, TYPE E
5	EA	DISPOSAL OF SIGN SYSTEM, WOOD
1,092	SF	WORK ZONE SIGNS (STATIONARY)
288	SF	WORK ZONE SIGNS (PORTABLE)
89	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	CHANGEABLE MESSAGE SIGN
160	EA	DRUMS
80	LF	BARRICADES (TYPE III)
45	MD	FLAGGER
1,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
230	LF	THERMOPLASTIC RUMBLE STRIP (4" 240 MILS)

225	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (TYPE 3)
227,530	LF	PAINT PAVEMENT MARKING LINES (4")
720	LF	PAINT PAVEMENT MARKING LINES (8")
240	LF	PAINT PAVEMENT MARKING LINES (16")
576	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARAC- TER
24	EA	PAINT PAVEMENT MARKING SYMBOL
230	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
12	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
288	EA	PERMANENT RAISED PAVEMENT MARKERS
850	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
135	TON	STONE FOR EROSION CONTROL, CLASS B
65	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
90	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
210	CY	SILT EXCAVATION
175	SY	MATTING FOR EROSION CONTROL
150	LF	1/4" HARDWARE CLOTH
2	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
***** BEGIN SCHEDULE AA ***** ***** ( 3 ALTERNATES ) *****		
592	LF	18" RC PIPE CULVERTS, CLASS III
352	LF	24" RC PIPE CULVERTS, CLASS III
*** OR ***		
592	LF	**** HDPE PIPE CULVERTS (18")
352	LF	**** HDPE PIPE CULVERTS (24")
*** OR ***		
592	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")
352	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+47.00-L-)
1	EA	PDA ASSISTANCE

Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (22+47.00-L-)
3,178	SF	CONCRETE WEARING SURFACE
4,322	SF	GROOVING BRIDGE FLOORS
39.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+47.00-L-)
5,830	LB	REINFORCING STEEL (BRIDGE)
1,150	LF	HP12X53 STEEL PILES
8	EA	PILE REDRIVES
195.44	LF	CONCRETE BARRIER RAIL
272	TON	RIP RAP CLASS II (2'-0" THICK)
302	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,172.63	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080219 004

CONTRACT ID : C202006 4CR.10331.7

DIV OFFICE WILSON

LENGTH = 15.910 MI

COUNTY : EDGECOMBE, HALIFAX

RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 14 2008

2 SECTIONS OF NC-97 AND 1 SECTION OF NC-42 AND NC-903.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
46	TON	INCIDENTAL STONE BASE
150	SY	INCIDENTAL MILLING
20,759	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,246	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
168,243	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
109,899	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
278	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
115	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,186	EA	PERMANENT RAISED PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080219 005

CONTRACT ID : C201999 4CR.10511.11

DIV OFFICE WILSON

LENGTH = 49.430 MI

COUNTY : JOHNSTON

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : DEC 01 2008

2 SECTIONS OF US-70, 1 SECTION OF US-301, NC-50, NC-27, NC-210, NC-231 &amp; 35 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
12,800	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1")
22,900	SY	INCIDENTAL MILLING
50	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
17,106	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
10,454	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
25,747	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,700	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
627	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
39	EA	ADJUSTMENT OF MANHOLES
14	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGN
1	EA	TMIA
132,607	LF	PAINT PAVEMENT MARKING LINES (4")
139,833	LF	PAINT PAVEMENT MARKING LINES (6")
2,550	LF	PAINT PAVEMENT MARKING LINES (8")
1,930	LF	PAINT PAVEMENT MARKING LINES (12")
514	LF	PAINT PAVEMENT MARKING LINES (24")
145	EA	PAINT PAVEMENT MARKING SYMBOL
200	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080219 006

CONTRACT ID : C202005 4CR.10961.12

DIV OFFICE WILSON

LENGTH = 30.430 MI

COUNTY : WAYNE

RESURFACING.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : DEC 01 2008

2 SECTIONS OF US-70 AND US-13, AND 30 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	SY	DESCRIPTION
	LS		MOBILIZATION
2,940	SY		INCIDENTAL MILLING
150	TON		ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
15,950	TON		ASPHALT CONC SURFACE COURSE, TYPE S9.5B
29,108	TON		ASPHALT CONC SURFACE COURSE, TYPE S9.5C
6,774	TON		ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,403	TON		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,747	TON		ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1	EA		FLASHING ARROW PANELS, TYPE C
1	EA		CHANGEABLE MESSAGE SIGN
1	EA		TMIA
8,250	LF		THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
9,600	LF		THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
15	EA		THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
14,354	LF		POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
183,355	LF		POLYUREA PAVEMENT MARKING LINES (6", *****) (STANDARD GLASS BEADS)
875	LF		POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)
5,930	LF		POLYUREA PAVEMENT MARKING LINES (12", *****) (STANDARD GLASS BEADS)
1,142	LF		POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
161	EA		POLYUREA PAVEMENT MARKING SYMBOL (*****) (STANDARD GLASS BEADS)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 007

CONTRACT ID : C201585 33477.3.1

DIV OFFICE DURHAM

LENGTH = 0.338 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER TAR RIVER AND APPROACHES ON SR-1141.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+29.000)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
100	TON	CLASS IV SUBGRADE STABILIZATION
459	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
24	LF	15" SIDE DRAIN PIPE
24	LF	18" SIDE DRAIN PIPE
52	LF	15" RC PIPE CULVERTS, CLASS III
188	LF	18" RC PIPE CULVERTS, CLASS III
44	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
32	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
40	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
1,092	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
690	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
95	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
21	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	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)
6	EA	MASONRY DRAINAGE STRUCTURES
6	EA	FRAME WITH TWO GRATES, STD 840.29
630	LF	SHOULDER BERM GUTTER
1,062.5	LF	STEEL BM GUARDRAIL
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
3	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
490	LF	REMOVE EXISTING GUARDRAIL
4	TON	RIP RAP, CLASS B
544	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
13.6	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
33	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
394	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	DRUMS

10	EA	CONES
80	LF	BARRICADES (TYPE III)
12,400	LF	PAINT PAVEMENT MARKING LINES (4")
25	EA	PERMANENT RAISED PAVEMENT MARKERS
1,490	LF	TEMPORARY SILT FENCE
105	TON	STONE FOR EROSION CONTROL, CLASS A
395	TON	STONE FOR EROSION CONTROL, CLASS B
510	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
115	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
350	LF	SAFETY FENCE
1,690	CY	SILT EXCAVATION
1,450	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
80	SY	PERMANENT SOIL REINFORCEMENT MAT
560	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
280	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
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
27	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+29.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+29.00-L-)
42	LF	PILE EXCAVATION IN SOIL
18	LF	PILE EXCAVATION NOT IN SOIL
24	LF	4'-0" DIA DRILLED PIERS IN SOIL
41	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
780	CY	UNCLASSIFIED STRUCTURE EXCAVATION
8,239	SF	REINFORCED CONCRETE DECK SLAB
7,597	SF	GROOVING BRIDGE FLOORS
160.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+29.00-L-)
28,606	LB	REINFORCING STEEL (BRIDGE)
2,972	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
891.17	LF	54" PRESTRESSED CONCRETE GIRDER
430	LF	HP12X53 STEEL PILES
454.56	LF	CONCRETE BARRIER RAIL
1,320	TON	RIP RAP CLASS II (2'-0" THICK)
1,465	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

Lump Sum LS EVAZOTE JOINT SEALS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080219 008

CONTRACT ID : C201997 37670

DIV OFFICE DURHAM

LENGTH = 21.500 MI

COUNTY : DURHAM

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : AUG 01 2008

1 SECTION OF US-501, 1 SECTION OF US-501 BUS, 1 SECTION OF US-501 BYP, 1 SECTION OF NC-55 &amp; 14 SECTIONS OF SECONDARY RD

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,275	TON	INCIDENTAL STONE BASE
37.78	SMI	SHOULDER RECONSTRUCTION
2,200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
121,088	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1-1/2" TO 3")
6,817	SY	INCIDENTAL MILLING
2,180	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
24,524	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
12,989	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,577	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
780	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
3,690	TON	PATCHING EXISTING PAVEMENT
130	EA	ADJUSTMENT OF MANHOLES
32	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
205,344	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
235,562	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
670	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,846	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
142	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
299	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
52,480	LF	PAINT PAVEMENT MARKING LINES (4")
450	LF	PAINT PAVEMENT MARKING LINES (16")
1,130	LF	PAINT PAVEMENT MARKING LINES (24")
20	EA	PAINT PAVEMENT MARKING SYMBOL
3,341	EA	PERMANENT RAISED PAVEMENT MARKERS
24.21	ACR	SEEDING & MULCHING
24,500	LF	INDUCTIVE LOOP SAWCUT
7,750	LF	LEAD-IN CABLE (***** (18-4)



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 009

CONTRACT ID : C201769 33483.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.195 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER ALAMANCE CREEK & APPROACHES ON SR-3045.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+95.000)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
100	TON	CLASS IV SUBGRADE STABILIZATION
5,500	CY	BORROW EXCAVATION
40	CY	DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
72	LF	18" SIDE DRAIN PIPE
52	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
61	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
100	SY	INCIDENTAL MILLING
600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
350	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
450	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
70	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
19	EA	RIGHT OF WAY MARKERS
70	CY	SUBDRAIN EXCAVATION
55	CY	SUBDRAIN FINE AGGREGATE
300	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)
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
56	LF	SHOULDER BERM GUTTER
450	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
30	TON	RIP RAP, CLASS I
75	TON	RIP RAP, CLASS B
580	SY	FILTER FABRIC FOR DRAINAGE
5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
13	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE E
11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
48	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	CHANGEABLE MESSAGE SIGN
50	EA	DRUMS
50	EA	CONES
32	LF	BARRICADES (TYPE III)
640	HR	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
2	EA	TMIA
650	LF	PORTABLE CONCRETE BARRIER
103	EA	TEMPORARY RAISED PAVEMENT MARKERS

23,420	LF	PAINT PAVEMENT MARKING LINES (4")
13	EA	PERMANENT RAISED PAVEMENT MARKERS
1,000	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
310	TON	STONE FOR EROSION CONTROL, CLASS B
190	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
35	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
1,025	CY	SILT EXCAVATION
885	SY	MATTING FOR EROSION CONTROL
210	SY	PERMANENT SOIL REINFORCEMENT MAT
60	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
300	LF	COIR FIBER BAFFLES
2.5	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION

\*\*\*\*\* BEGIN SCHEDULE AA \*\*\*\*\*  
 \*\*\*\*\* ( 3 ALTERNATES ) \*\*\*\*\*

44	LF	15" RC PIPE CULVERTS, CLASS III
		*** OR ***
28	LF	15" RC PIPE CULVERTS, CLASS III
16	LF	**** HDPE PIPE CULVERTS (15")
		*** OR ***
28	LF	15" RC PIPE CULVERTS, CLASS III
16	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")

\*\*\* END SCHEDULE AA \*\*\*

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+95.00-L-)
75	LF	PILE EXCAVATION IN SOIL
15	LF	PILE EXCAVATION NOT IN SOIL
25	LF	3'-6" DIA DRILLED PIERS IN SOIL
11	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
6,600	SF	REINFORCED CONCRETE DECK SLAB
6,017	SF	GROOVING BRIDGE FLOORS
59.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+95.00-L-)
11,531	LB	REINFORCING STEEL (BRIDGE)
1,119	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)

205,700	LS	APPROX ..... LBS STRUCTURAL STEEL
210	LF	HP12X53 STEEL PILES
400	LF	CONCRETE BARRIER RAIL
368	TON	RIP RAP CLASS II (2'-0" THICK)
409	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 010

CONTRACT ID : C201770 33484.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.221 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER BIG ALAMANCE CREEK & APPROACHES ON SR-3394.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+35.000)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
500	CY	UNDERCUT EXCAVATION
50	TON	CLASS IV SUBGRADE STABILIZA- TION
40	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
30	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
24	LF	15" SIDE DRAIN PIPE
188	LF	18" SIDE DRAIN PIPE
40	LF	24" SIDE DRAIN PIPE
28	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
148	LF	PIPE REMOVAL
1,056	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
450	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
250	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
80	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	EA	RIGHT OF WAY MARKERS
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)
0.1	CY	PIPE PLUGS
1	EA	MASONRY DRAINAGE STRUCTURES
1	LF	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
23	LF	SHOULDER BERM GUTTER
1	EA	ADJUSTMENT OF MANHOLES
275	LF	STEEL BM GUARDRAIL
150	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
275	LF	TEMPORARY STEEL BM GUARDRAIL
100	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
30	TON	RIP RAP, CLASS I
80	TON	RIP RAP, CLASS B
425	SY	FILTER FABRIC FOR DRAINAGE
48	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
92	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)

50	EA	DRUMS
50	EA	CONES
64	LF	BARRICADES (TYPE III)
640	HR	FLAGGER
136	EA	TEMPORARY RAISED PAVEMENT MARKERS
30,048	LF	PAINT PAVEMENT MARKING LINES (4")
13	EA	PERMANENT RAISED PAVEMENT MARKERS
3,230	LF	TEMPORARY SILT FENCE
105	TON	STONE FOR EROSION CONTROL, CLASS A
785	TON	STONE FOR EROSION CONTROL, CLASS B
215	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
90	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
2,800	CY	SILT EXCAVATION
600	SY	MATTING FOR EROSION CONTROL
1,385	SY	PERMANENT SOIL REINFORCEMENT MAT
50	LF	1/4" HARDWARE CLOTH
600	LF	COIR FIBER BAFFLES
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
1.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (15+35.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+35.00-L-)
30	LF	PILE EXCAVATION IN SOIL
105	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+35.00-L-)
3,933	SF	REINFORCED CONCRETE DECK SLAB
3,986	SF	GROOVING BRIDGE FLOORS
43.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+35.00-L-)
5,875	LB	REINFORCING STEEL (BRIDGE)
120,700	LS	APPROX ..... LBS STRUCTURAL STEEL
270	LF	HP12X53 STEEL PILES
220	LF	CONCRETE BARRIER RAIL
397	TON	RIP RAP CLASS II (2'-0" THICK)
441	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 011

CONTRACT ID : C201773 33596.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.180 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER ROSE CREEK AND APPROACHES ON SR-2627.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+00.000)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
500	CY	UNDERCUT EXCAVATION
100	TON	CLASS IV SUBGRADE STABILIZATION
60	CY	DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
24	LF	15" RC PIPE CULVERTS, CLASS III
24	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
35	TON	AGGREGATE BASE COURSE
225	SY	INCIDENTAL MILLING
220	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
490	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
45	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
45	CY	SUBDRAIN EXCAVATION
35	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 840.29
84	LF	SHOULDER BERM GUTTER
962.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
15	TON	RIP RAP, CLASS I
75	TON	RIP RAP, CLASS B
310	SY	FILTER FABRIC FOR DRAINAGE
406	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
7,600	LF	PAINT PAVEMENT MARKING LINES (4")
12	EA	PERMANENT RAISED PAVEMENT MARKERS
355	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
70	TON	STONE FOR EROSION CONTROL, CLASS B
75	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
25	LF	TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
330	CY	SILT EXCAVATION
800	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
185	LF	1/4" HARDWARE CLOTH
105	LF	COIR FIBER BAFFLES

2	EA	*** SKIMMER (1-1/2")
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
2.5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+00.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+00.00-L-)
50.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+00.00-L-)
7,420	LB	REINFORCING STEEL (BRIDGE)
400	LF	HP12X53 STEEL PILES
195.33	LF	CONCRETE BARRIER RAIL
170	TON	RIP RAP CLASS II (2'-0" THICK)
189	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,074.33	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080219 012

CONTRACT ID : C201998 41598

DIV OFFICE GREENSBORO

LENGTH = 4.340 MI

COUNTY : GUILFORD

MILLING, RESURFACING, ULTRATHIN, SHLDR RECONST, &amp; CONC ISLD.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 31 2008

US-29 FROM I-40 TO NORTH OF CONE.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
4	LF	15" RC PIPE CULVERTS, CLASS III
1.61	SMI	SHOULDER RECONSTRUCTION
64,025	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
424	SY	INCIDENTAL MILLING
19,972	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,197	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
377	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
6,472	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
185,347	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
244,074	SY	GENERIC PAVING ITEM VARIABLE DEPTH MILLING
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
265	LF	2'-6" CONCRETE CURB & GUTTER
1,026	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
17	EA	ADJUSTMENT OF MANHOLES
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
50	EA	DRUMS
1	EA	TEMPORARY CRASH CUSHIONS
1	EA	TMA
400	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
100	EA	SKINNY DRUM
111,020	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
25,367	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
14,445	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
270	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
67	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
92	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
199,730	LF	PAINT PAVEMENT MARKING LINES (4")
28,240	LF	PAINT PAVEMENT MARKING LINES (8")
184	EA	PAINT PAVEMENT MARKING CHARACTER
108	EA	PAINT PAVEMENT MARKING SYMBOL
1,669	EA	SNOWPLOWABLE PAVEMENT MARKERS
384	EA	GENERIC TRAFFIC CONTROL ITEM REPLACE EXIST BARRIER DELINEATORS
Lump Sum	LS	PORTABLE LIGHTING
1.6	ACR	SEEDING & MULCHING
30	LF	PAVED TRENCHING (***** (1", 2)
460	LF	INDUCTIVE LOOP SAWCUT
30	LF	LEAD-IN CABLE (***** (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 013

CONTRACT ID : C201772 33588.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.363 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : NOV 01 2008

BRIDGE #257 & #228 OVER RICHLAND CREEK AND APPROACHES ON SR-2824 & SR-2834.

ROADWAY ITEMS

			45	LF	TEMPORARY SLOPE DRAINS	
			1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
			500	LF	SAFETY FENCE	
Lump Sum	LS	MOBILIZATION	1,595	CY	SILT EXCAVATION	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+42.500 -L-)	1,600	SY	MATTING FOR EROSION CONTROL	
			15	SY	COIR FIBER MAT	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+04.010 -L-)	140	SY	PERMANENT SOIL REINFORCEMENT MAT	
Lump Sum	LS	GRADING	40	LF	1/4" HARDWARE CLOTH	
	2	ACR	8	EA	SPECIAL STILLING BASINS	
			530	LF	COIR FIBER BAFFLES	
	400	CY	2	EA	*** SKIMMER (2")	
			7.5	ACR	SEEDING & MULCHING	
	490	CY	3	ACR	MOWING	
	700	CY	100	LB	SEED FOR REPAIR SEEDING	
	500	SY	0.5	TON	FERTILIZER FOR REPAIR SEEDING	
	25	TON	125	LB	SEED FOR SUPPLEMENTAL SEEDING	
	60	LF	3.5	TON	FERTILIZER TOPDRESSING	
	24	LF	4	HR	SPECIALIZED HAND MOWING	
	2	EA	24	EA	RESPONSE FOR EROSION CONTROL	
	60	LF				
	50	TON				
	1,080	TON				
						***** BEGIN SCHEDULE AA *****
						***** (3 ALTERNATES) *****
			8	LF	15" RC PIPE CULVERTS, CLASS III	
	300	TON	28	LF	24" RC PIPE CULVERTS, CLASS III	
	755	TON	12	LF	36" RC PIPE CULVERTS, CLASS III	
	110	TON				*** OR ***
	25	TON	8	LF	**** HDPE PIPE CULVERTS (15")	
	26	EA	28	LF	**** HDPE PIPE CULVERTS (24")	
	0.13	CY	12	LF	**** HDPE PIPE CULVERTS (36")	
	3	EA				*** OR ***
	3.7	LF	8	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")	
	2	EA	28	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (24", 0.064")	
			12	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (36", 0.064")	
	1	EA				*** END SCHEDULE AA ***
	46	LF				
	775	LF				
	10	EA				
	4	EA				
	8	EA				
	4	EA				
	700	LF				
	103	TON				
	1,212	SY				
	1	EA				
	40	SF				
	64	LF				
	100	HR				
	3,836	LF				
	3,836	LF				
	28	EA				
	67	LF				
	177	LF				
	2,195	LF				
	150	TON				
	365	TON				
	315	TON				
	4.5	ACR				
	150	LB				
	0.75	TON				

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+42.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+42.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+04.00-L-)
134.7	LF	3'-0" DIA DRILLED PIERS IN SOIL
15.8	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
58.7	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
4	EA	SPT TESTING
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+42.50-L-)

4,100	SF	CONCRETE WEARING SURFACE
5,123	SF	GROOVING BRIDGE FLOORS
114.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+42.50-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+04.00-L-)
28,630	LB	REINFORCING STEEL (BRIDGE)
3,154	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
690	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
228.46	LF	TWO BAR METAL RAIL
188.25	LF	CONCRETE BARRIER RAIL
244.8	LF	1'-***"X *****" CONCRETE PARA- PET (1'-2" X 2'-11")
540	TON	RIP RAP CLASS II (2'-0" THICK)
594	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,128	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS
1,465.38	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 014

CONTRACT ID : C201776 37331.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.630 MI

COUNTY : RANDOLPH

REST AREA.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2009

REST AREAS ON I-73 / 74 &amp; US-220 BYPASS NB &amp; SB SOUTH OF SEAGROVE.

ROADWAY ITEMS					
			12	LF	6" OUTLET PIPE (SUBDRAINS)
			20	TON	BLOTTING SAND
			7.9	CY	ENDWALLS
			1.06	CY	PIPE COLLARS
			100	EA	MASONRY DRAINAGE STRUCTURES
			3	EA	FRAME WITH GRATE, STD 840.**** (840.20)
			17	EA	FRAME WITH GRATE, STD 840.22
			7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			40	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			27	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	FRAME WITH COVER, STD 840.54
			2	EA	*** SLUICE GATE (24")
			2	EA	*** SLUICE GATE (6")
			1	EA	GENERIC DRAINAGE ITEM RETICULINE FRAME & GRATE
			2	EA	GENERIC DRAINAGE ITEM TRASH RACK
			1,197	SY	GENERIC DRAINAGE ITEM 10MM IMPERVIOUS PLASTIC
			1	CY	GENERIC DRAINAGE ITEM 4" CONCRETE PAD FOR TRASH RACK
			112	CY	GENERIC DRAINAGE ITEM WASHED CONCRETE SAND
			18,600	LF	2'-6" CONCRETE CURB & GUTTER
			5,075	SY	4" CONCRETE SIDEWALK
			20	EA	CONCRETE WHEELCHAIR RAMPS
			500	SY	6" CONCRETE DRIVEWAY
			2,450	LF	STEEL BM GUARDRAIL
			10	EA	ADDITIONAL GUARDRAIL POSTS
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			1,780	LF	REMOVE EXISTING GUARDRAIL
			13,420	LF	WOVEN WIRE FENCE, 47" FABRIC
			875	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			171	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			550	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (72")
			460	LF	CHAIN LINK FENCE, 48" FABRIC
			54	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
			40	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
			2	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
			5	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
			40	LF	GENERIC FENCING ITEM 6' WOOD FENCE
			1,009	LF	GENERIC FENCING ITEM WOOD SPLIT RAIL FENCE
			788	TON	RIP RAP, CLASS I
			117	TON	RIP RAP, CLASS B
			615	SY	FILTER FABRIC FOR DRAINAGE
			6	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS
			719	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			3,839	LB	SUPPORTS, SIMPLE STEEL BEAM
			939	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
			6	EA	SIGN ERECTION, TYPE D
			36	EA	SIGN ERECTION, TYPE E
			7	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
3	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
181,200	CY	UNCLASSIFIED EXCAVATION			
17,635	CY	UNDERCUT EXCAVATION			
8,400	TON	CLASS IV SUBGRADE STABILIZA- TION			
111,600	CY	BORROW EXCAVATION			
10,910	CY	DRAINAGE DITCH EXCAVATION			
2,970	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
18	HR	PROOF ROLLING			
5,650	CY	SELECT GRANULAR MATERIAL			
5,650	SY	FABRIC FOR SOIL STABILIZATION			
1,000	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
1,432	LF	18" RC PIPE CULVERTS, CLASS III			
192	LF	30" RC PIPE CULVERTS, CLASS III			
148	LF	42" RC PIPE CULVERTS, CLASS III			
548	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
452	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
132	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK			
84	LF	36" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK			
2	EA	*** BIT COAT CS PIPE ELBOWS, TYPE B ***** THICK (36", 0.079")			
14	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
8	EA	24" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK			
4	EA	30" BIT COAT CS PIPE ELBOWS, T YPE B 0.079" THICK			
48	LF	GENERIC PIPE ITEM 6" HDPE PIPE			
105	LF	GENERIC PIPE ITEM 6" PERF. HDPE			
17	EA	GENERIC PIPE ITEM 6" HDPE CAPS, TEES, Y'S & ELBOWS			
181	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
49,078	SY	LIME TREATED SOIL (SLURRY METHOD)			
345	TON	LIME FOR LIME TREATED SOIL			
100	TON	#57 STONE			
1,000	TON	STABILIZER AGGREGATE			
18,000	TON	AGGREGATE BASE COURSE			
49,078	SY	SOIL CEMENT BASE			
405	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE			
7,363	GAL	ASPHALT CURING SEAL			
50	TON	INCIDENTAL STONE BASE			
2,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
12,960	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C			
10,030	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
730	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
605	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
224	CY	SUBDRAIN EXCAVATION			
168	CY	SUBDRAIN FINE AGGREGATE			
1,000	LF	6" PERFORATED SUBDRAIN PIPE			
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			



			2,150	TON	STONE FOR EROSION CONTROL, CLASS B
			1,700	TON	SEDIMENT CONTROL STONE
			49	ACR	TEMPORARY MULCHING
			1,750	LB	SEED FOR TEMPORARY SEEDING
			7	TON	FERTILIZER FOR TEMPORARY SEEDING
1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)			
2	EA	SIGN ERECTION, MILEMARKERS			
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	1,050	LF	TEMPORARY SLOPE DRAINS
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	13	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
352	SF	WORK ZONE SIGNS (STATIONARY)	2,350	LF	SAFETY FENCE
192	SF	WORK ZONE SIGNS (PORTABLE)	18,630	CY	SILT EXCAVATION
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	17,375	SY	MATting FOR EROSION CONTROL
2	EA	FLASHING ARROW PANELS, TYPE C	50	SY	COIR FIBER MAT
2	EA	CHANGEABLE MESSAGE SIGN	6,125	SY	PERMANENT SOIL REINFORCEMENT MAT
88	EA	DRUMS	1,500	LF	1/4" HARDWARE CLOTH
48	LF	BARRICADES (TYPE III)	2,700	LF	COIR FIBER BAFFLES
2	EA	TMIA	4	EA	*** SKIMMER (1-1/2")
7,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	1	EA	*** SKIMMER (2")
7,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	1	EA	*** SKIMMER (2-1/2")
593	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	1	EA	*** SKIMMER (4")
2,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1	EA	*** SKIMMER (6")
49	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	62	ACR	SEEDING & MULCHING
6,400	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)	29	ACR	MOWING
167	EA	SNOWPLOWABLE PAVEMENT MARKERS	450	LB	SEED FOR REPAIR SEEDING
73	EA	FLEXIBLE DELINEATORS (CRYSTAL)	1	TON	FERTILIZER FOR REPAIR SEEDING
48	EA	FLEXIBLE DELINEATORS (YELLOW)	1,150	LB	SEED FOR SUPPLEMENTAL SEEDING
76	EA	STANDARD FOUNDATION ***** (TYPE R1)	3,650	SY	SODDING
803	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	46.5	TON	FERTILIZER TOPDRESSING
50	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")	2	HR	SPECIALIZED HAND MOWING
196	LF	** #4 W/G FEEDER CIRCUIT (2)	27	EA	RESPONSE FOR EROSION CONTROL
535	LF	** #2 W/G FEEDER CIRCUIT (2)	7.05	ACR	REFORESTATION
5,523	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	28	EA	CERCIS CANADENSIS, REDBUD, (6'-8', B&B)
385	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	31	EA	CORNUS FLORIDA, FLOWERING DOGWOOD, (6'-8', B&B)
8,166	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	38	EA	JUNIPERUS VIRGINIANA, EASTERN RED CEDAR, (6'-8', B&B)
4,501	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	3	EA	QUERCUS COCCINEA, SCARLET OAK, (10'-12', B&B)
14	EA	ELECTRICAL JUNCTION BOXES ***** (TYPE PC18)	8	EA	QUERCUS PHELLOS, WILLOW OAK, (10'-12', B&B)
6	EA	ELECTRICAL JUNCTION BOXES ***** (TYPE PG30)	2	EA	QUERCUS RUBRA, NORTHERN RED OAK, (10'-12', B&B)
2	EA	ELECTRICAL JUNCTION BOXES ***** (TYPE PG36)	13	EA	GENERIC PLANTING ITEM ACER SACCHARUM 'LEGACY', LEGACY SUGAR MAPLE, 10'-12', B&B
48	LF	GENERIC LIGHTING ITEM 2-#2 W/ NEUTRAL FEEDER CIRCUIT	50	EA	GENERIC PLANTING ITEM AMELANCHER 'AUTUMN BRILLIANCE' AUTUMN BRILLIANCE SERVICEBERRY, 6'-8', B&B
687	LF	GENERIC LIGHTING ITEM 2-#2 W/ NEUTRAL FEEDER CIRCUIT IN 2" CONDUIT	126	EA	GENERIC PLANTING ITEM CELPHALOTAXUS HARRINGTONIA PROTRATA PROSTRATE JAPANESE YEW, #7 CONT
20	EA	GENERIC LIGHTING ITEM BOLLARD LGT STD	59	EA	GENERIC PLANTING ITEM ECHINACEA PURPUREA, PURPLE CONEFLOWER, 4" POT
2	EA	GENERIC LIGHTING ITEM DAVIT STYLE LGT STD, MH 25', SA 6'	6,955	EA	GENERIC PLANTING ITEM ERAGROSTIS CURVULA ,LOVE GRASS 2-1/2" PLUG
74	EA	GENERIC LIGHTING ITEM DAVIT STYLE LGT STD, MH 35', SA 6'	44	EA	GENERIC PLANTING ITEM ILEX 'LIBERTY', LIBERTY HOLLY, 6', B&B
2	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, TYPE RA, 120/208V	76	EA	GENERIC PLANTING ITEM ILEX VOMITORIA 'NANA, DWARF YAUPON HOLLY , # 7 CONT
56	EA	GENERIC LIGHTING ITEM POST TOP LGT STD	59	EA	GENERIC PLANTING ITEM JUNCUS EFFUSUS, SOFT RUSH # 1 CONT
56	EA	GENERIC LIGHTING ITEM POST TOP LUMINAIRE, 100W, MH, TYPE 5, CUTOFF	7	EA	GENERIC PLANTING ITEM LAGERSTROEMIA 'NATCHEZ', NATCHEZ CRAPE MYRTLE, 10'-12', B&B
20	EA	GENERIC LIGHTING ITEM STD FOUNDATION, TYPE B1	11	EA	GENERIC PLANTING ITEM MAGNOLIA GRANDIFLORA 'BRACKEN' S BROWN BEAUTY, SOUTHERN MAGNOLIA ,10'-12', B&B
56	EA	GENERIC LIGHTING ITEM STD FOUNDATION, TYPE R1S	157	EA	GENERIC PLANTING ITEM MUHLENBERGIA CAPILLARIS, PINK MUHLY GRASS , # 1 CONT
2,280	LF	TEMPORARY SILT FENCE	87	EA	GENERIC PLANTING ITEM PINUS TAEDA, LOBLOLLY PINE, 8'-10', B&B
580	TON	STONE FOR EROSION CONTROL, CLASS A			

			135	LF	GENERIC REST AREA ITEM 3/4" PVC WATER PIPE, SCH 80	
			302	LF	GENERIC REST AREA ITEM STONE WALL	
			225	LF	GENERIC REST AREA ITEM TREE PROTECTION FENCE	
			4,153	SF	GENERIC REST AREA ITEM COBBLESTONE PAVERS	
			15	CY	GENERIC REST AREA ITEM PLACEMENT OF FIELD STONE	
					***** BEGIN SCHEDULE AA *****	
					***** (3 ALTERNATES) *****	
			4,240	LF	15" RC PIPE CULVERTS, CLASS III	
			1,724	LF	24" RC PIPE CULVERTS, CLASS III	
			816	LF	36" RC PIPE CULVERTS, CLASS III	
					*** OR ***	
			3,640	LF	15" RC PIPE CULVERTS, CLASS III	
			1,172	LF	24" RC PIPE CULVERTS, CLASS III	
			600	LF	**** HDPE PIPE CULVERTS (15")	
			552	LF	**** HDPE PIPE CULVERTS (24")	
			816	LF	**** HDPE PIPE CULVERTS (36")	
					*** OR ***	
			3,640	LF	15" RC PIPE CULVERTS, CLASS III	
			1,172	LF	24" RC PIPE CULVERTS, CLASS III	
			600	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15",0.064")	
			552	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24",0.064")	
			816	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (36",0.064")	
					*** END SCHEDULE AA ***	
2	EA	GENERIC PLANTING ITEM QUERCUS FALCATA, SOUTHERN RED OAK, 10'-12', B&B				
11	EA	GENERIC PLANTING ITEM QUERCUS LYRATA, OVERCUP OAK, 10'-12', B&B				
15	EA	GENERIC PLANTING ITEM QUERCUS SHUMARDII, SHUMARD OAK, 10'-12', B&B				
67	EA	GENERIC PLANTING ITEM RUDBECKIA FULGIDA 'GOLDSTRUM' ORANGE CONEFLOWER , 4" POT				
12	EA	GENERIC PLANTING ITEM ULMUS AMERICANA 'PRINCETON' PRINCETON ELM , 10'-12', B&B				
1,600	CY	MULCH FOR PLANTING				
10	M/G	WATER FOR PLANTING				
100	SY	POSTEMERGENT HERBICIDAL TREAT- MENT FOR PLANT BEDS				
100	SY	PREEMERGENT HERBICIDAL TREAT- MENT FOR PLANT BEDS				
Lump Sum	LS	GENERIC PLANTING ITEM (LS) LANDSCAPE GRADING				
365	LF	GENERIC PLANTING ITEM STEEL LANDSCAPE EDGING				
133	SY	6" CONCRETE REINFORCED PAD				
90	CY	CONCRETE STEPS				
191	LF	HANDRAIL ON STEPS				
300	CY	TOPSOIL				
8	EA	PICNIC TABLE, TERRAZZO & STEEL				
11	EA	PICNIC SHELTER, SINGLE PICNIC TABLE				
6	EA	OUTDOOR PARK STOVE				
9	EA	3/4" POST TYPE YARD HYDRANT				
7	EA	GENERIC REST AREA ITEM 1" GATE VALVE AND BOX				
11	EA	GENERIC REST AREA ITEM 3/4" GATE VALVE AND BOX				
13	EA	GENERIC REST AREA ITEM BENCH WITH STONE BASE				
20	EA	GENERIC REST AREA ITEM BOULDER PLACEMENT				
4	EA	GENERIC REST AREA ITEM CONCRETE PATIO TABLE				
4	EA	GENERIC REST AREA ITEM FLAGPOLE, ALUMINUM				
1	EA	GENERIC REST AREA ITEM SPECIAL REST AREA SIGNAGE (NBL)				
1	EA	GENERIC REST AREA ITEM SPECIAL REST AREA SIGNAGE (SBL)				
2	EA	GENERIC REST AREA ITEM STONE ENTRANCE SIGN BASE				
2	EA	GENERIC REST AREA ITEM STORAGE BUILDING CONSTRUCTION				
26	EA	GENERIC REST AREA ITEM WASTE CONTAINER				
Lump Sum	LS	GENERIC REST AREA ITEM CONSTRUCTION OF REST AREA BUILDING (NLB)				
Lump Sum	LS	GENERIC REST AREA ITEM CONSTRUCTION OF REST AREA BUILDING (SBL)				
Lump Sum	LS	GENERIC REST AREA ITEM CONSTRUCTION OF VENDING MACHINE BUILDING (NBL)				
Lump Sum	LS	GENERIC REST AREA ITEM CONSTRUCTION OF VENDING MACHINE BUILDING (SBL)				
Lump Sum	LS	GENERIC REST AREA ITEM CONSTRUCTION OF VISITOR CENTER BUILDING (NBL)				
Lump Sum	LS	GENERIC REST AREA ITEM CONSTRUCTION OF VISITOR CENTER BUILDING (SBL)				
Lump Sum	LS	GENERIC REST AREA ITEM IRRIGATION SYSTEM (NBL)				
Lump Sum	LS	GENERIC REST AREA ITEM IRRIGATION SYSTEM (SBL)				
Lump Sum	LS	GENERIC REST AREA ITEM LANDSCAPE LIGHTING (NBL)				
Lump Sum	LS	GENERIC REST AREA ITEM LANDSCAPE LIGHTING (SBL)				
Lump Sum	LS	GENERIC REST AREA ITEM PATIO HANDRAIL (NBL)				
Lump Sum	LS	GENERIC REST AREA ITEM WATER FEATURE (NBL)				
2,170	LF	GENERIC REST AREA ITEM 1" PVC WATER PIPE, SCH 80				
534	LF	GENERIC REST AREA ITEM 3" PVC ENCASMENT PIPE				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 015

CONTRACT ID : C201774 33622.3.2

DIV OFFICE WINSTON-SALEM

LENGTH = 0.121 MI

COUNTY : STOKES

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER PINCH GUT CREEK AND APPROACHES ON NC-66.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+20.37)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
350	CY	UNDERCUT EXCAVATION
21	CY	DRAINAGE DITCH EXCAVATION
100	LF	BERM DITCH CONSTRUCTION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
29	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
68	LF	15" SIDE DRAIN PIPE
200	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
10	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
30	TON	INCIDENTAL STONE BASE
240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
155	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
225	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
33	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	EA	RIGHT OF WAY MARKERS
5	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
4	EA	FRAME WITH TWO GRATES, STD 840.29
105	LF	SHOULDER BERM GUTTER
375	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
160	TON	RIP RAP, CLASS B
1,210	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
9	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
12.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
62	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE D
2	EA	SIGN ERECTION, TYPE E
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
375	SF	WORK ZONE SIGNS (STATIONARY)
151	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
16	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
660	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
5	EA	PERMANENT RAISED PAVEMENT MARKERS
12	EA	SNOWPLOWABLE PAVEMENT MARKERS
475	LF	TEMPORARY SILT FENCE

90	TON	STONE FOR EROSION CONTROL, CLASS A
90	TON	STONE FOR EROSION CONTROL, CLASS B
350	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
275	LF	SAFETY FENCE
450	CY	SILT EXCAVATION
375	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
150	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
130	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
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
0.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (18+20.37-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+20.37-L-)
162.25	LF	4'-0" DIA DRILLED PIERS IN SOIL
37	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
44.87	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
6	EA	SID INSPECTION
6	EA	SPT TESTING
2	EA	CROSSHOLE SONIC LOGGING
1,760	CY	UNCLASSIFIED STRUCTURE EXCAVATION
112.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+20.37-L-)
35,328	LB	REINFORCING STEEL (BRIDGE)
6,573	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
603	LF	HP12X53 STEEL PILES
324.21	LF	CONCRETE BARRIER RAIL
950	TON	RIP RAP CLASS II (2'-0" THICK)
1,060	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,945.25	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 016

CONTRACT ID : C201684 34906.3.4

DIV OFFICE WINSTON-SALEM

LENGTH = 2.240 KM

COUNTY : FORSYTH

WIDENING, GRADING, DRAINAGE &amp; PAVING.

DBE GOAL 13.0% COMPLETION DATE : JUN 15 2009

SR-1103 (LEWISVILLE-CLEMMONS RD) FROM SR-1891(PEACE HAVEN RD) TO SR-3580 (FOREST OAKS DR) IN WINSTON-SALEM.

Lump Sum		ROADWAY ITEMS				
	LS	MOBILIZATION		19	EA	WHEELCHAIR RAMPS
	LS	GRADING		460	M2	150MM CONCRETE DRIVEWAY
0.8	HA	SUPPLEMENTARY CLEARING & GRUB-BING		1,370	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
2,000	M3	UNDERCUT EXCAVATION		50	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
550	MTN	CLASS IV SUBGRADE STABILIZATION		40	MTN	PLAIN RIP RAP, CLASS B
1,000	M3	SELECT GRANULAR MATERIAL		910	M2	FILTER FABRIC FOR DRAINAGE
1,500	M2	FABRIC FOR SOIL STABILIZATION		22	M2	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
885	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		208	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
12	M	375MM SIDE DRAIN PIPE		44	EA	SIGN ERECTION, TYPE E
55	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK		1	EA	RELOCATE SIGN, TYPE ***** (E)
22	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK		20	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4.9	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK		1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
14.6	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK		22	M2	WORK ZONE SIGNS (STATIONARY)
12	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK		21	M2	WORK ZONE SIGNS (PORTABLE)
1	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK		13	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
22	M	GENERIC PIPE ITEM 600MM WELDED STEEL PIPE IN SOIL		2	EA	FLASHING ARROW PANELS, TYPE C
780.3	M	PIPE REMOVAL		2	EA	CHANGEABLE MESSAGE SIGN
1,000	MTN	STABILIZER AGGREGATE		190	EA	DRUMS
625	MTN	INCIDENTAL STONE BASE		100	EA	CONES
595	M2	MILLING ASPHALT PAVEMENT, *** TO ***MM DEPTH (0MM TO 40MM)		56	M	BARRICADES (TYPE III)
8,660	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C		2,400	HR	FLAGGER
5,490	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		2	EA	TEMPORARY CRASH CUSHIONS
6,810	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		2	EA	RESET TEMPORARY CRASH CUSHIONS
615	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
395	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22		240	M	PORTABLE CONCRETE BARRIER (ANCHORED)
350	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR		195	M	RESET PORTABLE CONCRETE BARRIER (ANCHORED)
65	EA	RIGHT OF WAY MARKERS		200	HR	POLICE
83	M3	SUBDRAIN EXCAVATION		68	EA	TEMPORARY RAISED PAVEMENT MARKERS
62	M3	SUBDRAIN FINE AGGREGATE		750	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
150	M	150MM PERFORATED SUBDRAIN PIPE		2,331	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
15	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS		53	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET		74	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
2	M	150MM OUTLET PIPE (SUBDRAINS)		23,594	M	PAINT PAVEMENT MARKING LINES (100MM)
0.66	M3	PIPE PLUGS		460	M	PAINT PAVEMENT MARKING LINES (200MM)
144	EA	MASONRY DRAINAGE STRUCTURES		106	M	PAINT PAVEMENT MARKING LINES (600MM)
29.02	M	MASONRY DRAINAGE STRUCTURES		148	EA	PAINT PAVEMENT MARKING SYMBOL
2	EA	FRAME WITH GRATE, STD 840.22		229	EA	SNOWPLOWABLE PAVEMENT MARKERS
41	EA	FRAME WITH TWO GRATES, STD 840.16		1	EA	GENERIC UTILITY ITEM 150MM VALVE
1	EA	FRAME WITH TWO GRATES, STD 840.24		1	EA	GENERIC UTILITY ITEM 200MM VALVE
14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		1	EA	GENERIC UTILITY ITEM 600MM VALVE
42	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		9	EA	GENERIC UTILITY ITEM FIRE HYDRANT
40	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		7	EA	GENERIC UTILITY ITEM RELOCATE FIRE HYDRANT
3	EA	FRAME WITH COVER, STD 840.54		27	EA	GENERIC UTILITY ITEM RELOCATE WATER METER
8	M	FRAME WITH GRATES, DRIVEWAY DROP INLET		28	M	GENERIC UTILITY ITEM 150MM WATER LINE
1,970	M	450MM CONCRETE CURB & GUTTER		612	M	GENERIC UTILITY ITEM 200MM WATER LINE
3,950	M	750MM CONCRETE CURB & GUTTER		155	M	GENERIC UTILITY ITEM 600MM WATER LINE
3,200	M2	100MM CONCRETE SIDEWALK		155	M	GENERIC UTILITY ITEM ABANDON 600MM UTILITY PIPE
				1,910	M	TEMPORARY SILT FENCE
				565	MTN	STONE FOR EROSION CONTROL, CLASS A

775 MTN STONE FOR EROSION CONTROL,  
CLASS B  
1,275 MTN SEDIMENT CONTROL STONE  
4.5 HA TEMPORARY MULCHING  
175 KG SEED FOR TEMPORARY SEEDING  
1.5 MTN FERTILIZER FOR TEMPORARY SEED-  
ING  
1,400 M3 SILT EXCAVATION  
170 M2 MATTING FOR EROSION CONTROL  
1,000 M 6.4MM HARDWARE CLOTH  
4.5 HA SEEDING & MULCHING  
2.5 HA MOWING  
50 KG SEED FOR REPAIR SEEDING  
0.25 MTN FERTILIZER FOR REPAIR SEEDING  
125 KG SEED FOR SUPPLEMENTAL SEEDING  
7 MTN FERTILIZER TOPDRESSING  
2 HR SPECIALIZED HAND MOWING  
27 EA GENERIC EROSION CONTROL ITEM  
RESPONSE FOR EROSION CONTROL  
25 M GENERIC EROSION CONTROL ITEM  
COIR FIBER BAFFLES

\*\*\*\*\* BEGIN SCHEDULE AA \*\*\*\*\*  
\*\*\*\*\* ( 3 ALTERNATES ) \*\*\*\*\*

2,064.2 M 375MM RC PIPE CULVERTS, CLASS  
III  
289.7 M 450MM RC PIPE CULVERTS, CLASS  
III  
423.4 M 600MM RC PIPE CULVERTS, CLASS  
III  
40.2 M 750MM RC PIPE CULVERTS, CLASS  
III  
\*\*\* OR \*\*\*  
1,842.2 M 375MM RC PIPE CULVERTS, CLASS  
III  
254.3 M 450MM RC PIPE CULVERTS, CLASS  
III  
403.9 M 600MM RC PIPE CULVERTS, CLASS  
III  
21.9 M 750MM RC PIPE CULVERTS, CLASS  
III  
222 M GENERIC PIPE ITEM  
375MM HDPE PIPE CULVERTS  
35.4 M GENERIC PIPE ITEM  
450MM HDPE PIPE CULVERTS  
19.5 M GENERIC PIPE ITEM  
600MM HDPE PIPE CULVERTS  
18.3 M GENERIC PIPE ITEM  
750MM HDPE PIPE CULVERTS  
\*\*\* OR \*\*\*  
1,842.2 M 375MM RC PIPE CULVERTS, CLASS  
III  
254.3 M 450MM RC PIPE CULVERTS, CLASS  
III  
403.9 M 600MM RC PIPE CULVERTS, CLASS  
III  
21.9 M 750MM RC PIPE CULVERTS, CLASS  
III  
222 M GENERIC PIPE ITEM  
400MM ALUM CS PIPE CULVERT  
35.4 M GENERIC PIPE ITEM  
450MM ALUM CS PIPE CULVERT  
19.5 M GENERIC PIPE ITEM  
600MM ALUM CS PIPE CULVERT  
18.3 M GENERIC PIPE ITEM  
800MM ALUM CS PIPE CULVERT

\*\*\* END SCHEDULE AA \*\*\*

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080219 017

CONTRACT ID : C202003

10CR.10041.16

DIV OFFICE ALBEMARLE

LENGTH = 6.520 MI

COUNTY : ANSON

RESURFACING.

DBE GOAL 2.0% COMPLETION DATE : NOV 15 2008

NC-109 FROM SR-1142 (CITY POND RD) TO SR-1211 (HORTON RD) AND 3 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
616	TON	INCIDENTAL STONE BASE
746	SY	INCIDENTAL MILLING
3,585	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
923	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
3,265	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
910	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
270	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
251	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
9,714	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,215	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
113,672	LF	PAINT PAVEMENT MARKING LINES (4")
432	EA	PERMANENT RAISED PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080219 018

CONTRACT ID : C202004

10CR.10901.15

DIV OFFICE ALBEMARLE

LENGTH = 9.360 MI

COUNTY : UNION

RESURFACING, SHOULDER CONSTRUCTION &amp; RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 15 2008

US-601 FROM SR-1367 TO NC-218, NC-522 FROM SR-2166 TO THE SOUTH CAROLINA STATE LINE &amp; 2 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
406	TON	STABILIZER AGGREGATE
360	TON	INCIDENTAL STONE BASE
7	SMI	SHOULDER CONSTRUCTION
11.82	SMI	SHOULDER RECONSTRUCTION
2,304	SY	INCIDENTAL MILLING
2,443	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
16,923	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
12,674	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
680	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
900	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
804	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,175	TON	PATCHING EXISTING PAVEMENT
270	SY	6" CONCRETE DRIVEWAY
25	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
3	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
98,516	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
74,582	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
335	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
292	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
91,108	LF	PAINT PAVEMENT MARKING LINES (4")
670	EA	PERMANENT RAISED PAVEMENT MARKERS
1,899	LF	TEMPORARY SILT FENCE
220	TON	STONE FOR EROSION CONTROL, CLASS B
110	TON	SEDIMENT CONTROL STONE
13.3	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 019

CONTRACT ID : C201765 33159.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.069 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER BIG HORSE CREEK & APPROACHES ON SR-1366.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
1	EA	SEALING ABANDONED WELLS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+65.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
350	TON	CLASS IV SUBGRADE STABILIZATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	FABRIC FOR SOIL STABILIZATION
12	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
36	LF	18" RC PIPE CULVERTS, CLASS III
16	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
48	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
1	EA	30" BIT COAT CS PIPE ELBOWS, TYPE B 0.079" THICK
48	LF	PIPE REMOVAL
180	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
185	GAL	PRIME COAT
80	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
120	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
12	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5	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
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
27	LF	SHOULDER BERM GUTTER
25	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TL-2)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
25	TON	RIP RAP, CLASS II
13	TON	RIP RAP, CLASS B
430	SY	FILTER FABRIC FOR DRAINAGE
223	SF	WORK ZONE SIGNS (STATIONARY)
69	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
3,000	LF	PAINT PAVEMENT MARKING LINES (4")
32	LF	PAINT PAVEMENT MARKING LINES (24")
440	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
135	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
40	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
410	LF	SAFETY FENCE
225	CY	SILT EXCAVATION
500	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
20	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
25	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
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
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.15	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STATION ***** (11+65.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+65.00-L-)
15	LF	3'-6" DIA DRILLED PIERS IN SOIL
13	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
14	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	SPT TESTING
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (11+65.00-L-)
56	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+65.00-L-)
10,384	LB	REINFORCING STEEL (BRIDGE)
823	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
225	LF	HP12X53 STEEL PILES
515	SF	*** STEEL SHEET PILES (18")
238.65	LF	ONE BAR METAL RAIL
254.8	LF	1'-***X ***** CONCRETE PARAPET (1'-0"X1'-11")
253	TON	RIP RAP CLASS II (2'-0" THICK)
281	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,145.34	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 020

CONTRACT ID : C201766 33379.2.2

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.103 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, RETAINING WALL, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER MILL CREEK AND APPROACHES ON SR-1106 (RAILROAD GRADE ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
1,700	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH			
		FILL, STATION *****			
		(17+52.500)			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-			
		BING			
500	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
600	TON	CLASS IV SUBGRADE STABILIZA-			
		TION			
500	CY	SELECT GRANULAR MATERIAL			
500	SY	FABRIC FOR SOIL STABILIZATION			
16	TON	FOUNDATION CONDITIONING MATE-			
		RIAL, MINOR STRS			
24	LF	15" SIDE DRAIN PIPE			
120	LF	15" RC PIPE CULVERTS, CLASS			
		III			
45	TON	INCIDENTAL STONE BASE			
60	TON	ASPHALT CONC BASE COURSE, TYPE			
		B25.0B			
105	TON	ASPHALT CONC SURFACE COURSE,			
		TYPE SF9.5A			
10	TON	ASPHALT BINDER FOR PLANT MIX,			
		GRADE PG 64-22			
10	TON	ASPHALT PLANT MIX, PAVEMENT			
		REPAIR			
12	EA	RIGHT OF WAY MARKERS			
68	CY	SUBDRAIN EXCAVATION			
51	CY	SUBDRAIN FINE AGGREGATE			
300	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)			
3	EA	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH GRATE, STD 840.24			
2	EA	FRAME WITH TWO GRATES, STD			
		840.29			
184	LF	SHOULDER BERM GUTTER			
300	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE			
		*****			
		(TEST LEVEL 2)			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE			
		350			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			
		B-77			
9	TON	RIP RAP, CLASS I			
3	TON	RIP RAP, CLASS B			
250	SY	FILTER FABRIC FOR DRAINAGE			
242	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE			
		MOUNTED)			
96	LF	BARRICADES (TYPE III)			
4,400	LF	PAINT PAVEMENT MARKING LINES			
		(4")			
260	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL,			
		CLASS A			
135	TON	STONE FOR EROSION CONTROL,			
		CLASS B			
110	TON	SEDIMENT CONTROL STONE			
1.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED-			
		ING			
40	LF	TEMPORARY SLOPE DRAINS			
1	EA	INLET PROTECTION AT TEMPORARY			
		SLOPE DRAINS			
280	LF	SAFETY FENCE			
265	CY	SILT EXCAVATION			
500	SY	MATTING FOR EROSION CONTROL			

30	SY	COIR FIBER MAT			
255	LF	1/4" HARDWARE CLOTH			
45	LF	COIR FIBER BAFFLES			
3	EA	*** SKIMMER			
		(1-1/2")			
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			
2	HR	SPECIALIZED HAND MOWING			
12	EA	RESPONSE FOR EROSION CONTROL			
0.1	ACR	REFORESTATION			

WALL ITEMS

1,154.32	SF	PILE PANEL RETAINING WALLS			
----------	----	----------------------------	--	--	--

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE			
		AT STATION *****			
		(17+52.50-L-)			
40	LF	PILE EXCAVATION IN SOIL			
100	LF	PILE EXCAVATION NOT IN SOIL			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-			
		TION AT STATION *****			
		(17+52.50-L-)			
2,678	SF	REINFORCED CONCRETE DECK SLAB			
2,637	SF	GROOVING BRIDGE FLOORS			
32.7	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION			
		*****			
		(17+52.50-L-)			
4,660	LB	REINFORCING STEEL (BRIDGE)			
80,200	LS	APPROX ..... LBS STRUCTURAL			
		STEEL			
140	LF	HP12X53 STEEL PILES			
196.67	LF	CONCRETE BARRIER RAIL			
90	TON	RIP RAP CLASS II (2'-0" THICK)			
100	SY	FILTER FABRIC FOR DRAINAGE			
Lump Sum	LS	EVAZOTE JOINT SEALS			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 021

CONTRACT ID : C201775 33654.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.104 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER MIDDLE FORK CREEK AND APPROACHES ON SR-1541.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
50	CY	UNDERCUT EXCAVATION
25	TON	CLASS IV SUBGRADE STABILIZATION
25	CY	SELECT GRANULAR MATERIAL
25	SY	FABRIC FOR SOIL STABILIZATION
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
56	LF	15" RC PIPE CULVERTS, CLASS III
8	LF	18" RC PIPE CULVERTS, CLASS III
212	LF	24" RC PIPE CULVERTS, CLASS III
57	LF	PIPE REMOVAL
131	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
30	GAL	PRIME COAT
225	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
230	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
17	EA	RIGHT OF WAY MARKERS
44.8	CY	SUBDRAIN EXCAVATION
33.6	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)
4	EA	MASONRY DRAINAGE STRUCTURES
0.1	LF	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
1	EA	MODIFIED CONCRETE FLUME
100	LF	CONCRETE EXPRESSWAY GUTTER
10	SY	4" CONCRETE PAVED DITCH
75	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
75	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-83)
5	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
9	TON	RIP RAP, CLASS I
2	TON	RIP RAP, CLASS B
322	SY	FILTER FABRIC FOR DRAINAGE
6.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
14	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE E
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD
274	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	DRUMS
10	EA	CONES

80	LF	BARRICADES (TYPE III)
4,840	LF	PAINT PAVEMENT MARKING LINES (4")
500	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
75	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
45	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
145	LF	SAFETY FENCE
290	CY	SILT EXCAVATION
360	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
55	SY	PERMANENT SOIL REINFORCEMENT MAT
60	LF	1/4" HARDWARE CLOTH
25	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
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
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

WALL ITEMS

77	CY	CLASS A CONCRETE (RETAINING WALL)
10,386	LB	REINFORCING STEEL (RETAINING WALL)
75	LF	GENERIC RETAINING WALL ITEM PVC COATED 5'-0" HIGH CHAIN LINK FENCE

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+11.00-L-)
15	LF	PILE EXCAVATION IN SOIL
9	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+11.00-L-)
2,121	SF	REINFORCED CONCRETE DECK SLAB
2,298	SF	GROOVING BRIDGE FLOORS
73.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+11.00-L-)
8,634	LB	REINFORCING STEEL (BRIDGE)
304	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
59,400	LS	APPROX ..... LBS STRUCTURAL STEEL
210	LF	HP12X53 STEEL PILES
1,160	SF	*** STEEL SHEET PILES (22.6")
135.78	LF	CONCRETE BARRIER RAIL
104	TON	RIP RAP CLASS II (2'-0" THICK)
116	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

L080219 022

CONTRACT ID : C201729 33237.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.223 MI

COUNTY : RUTHERFORD

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER BROAD RIVER AND APPROACHED ON SR-1155.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+92.50-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
1,400	CY	UNDERCUT EXCAVATION
325	TON	CLASS IV SUBGRADE STABILIZATION
76	CY	DRAINAGE DITCH EXCAVATION
215	LF	BERM DITCH CONSTRUCTION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
70	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
68	LF	18" RC PIPE CULVERTS, CLASS III
192	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
72	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	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
1,056	TON	AGGREGATE BASE COURSE
25	TON	INCIDENTAL STONE BASE
750	GAL	PRIME COAT
45	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
340	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
24	EA	RIGHT OF WAY MARKERS
67.2	CY	SUBDRAIN EXCAVATION
50.4	CY	SUBDRAIN FINE AGGREGATE
300	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)
5	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH GRATE, STD 840.24
1	EA	FRAME WITH GRATE, STD 840.29
50	LF	SHOULDER BERM GUTTER
22	SY	4" CONCRETE PAVED DITCH
200	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
15	TON	RIP RAP, CLASS I
35	TON	RIP RAP, CLASS B
395	SY	FILTER FABRIC FOR DRAINAGE
225	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
58	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	EA	DRUMS
25	EA	CONES
100	LF	BARRICADES (TYPE III)
100	MD	FLAGGER
14,100	LF	PAINT PAVEMENT MARKING LINES (4")
1,010	LF	TEMPORARY SILT FENCE
175	TON	STONE FOR EROSION CONTROL, CLASS A

385	TON	STONE FOR EROSION CONTROL, CLASS B
275	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
45	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
1,460	CY	SILT EXCAVATION
1,500	SY	MATTING FOR EROSION CONTROL
385	SY	PERMANENT SOIL REINFORCEMENT MAT
4	EA	SPECIAL STILLING BASINS
330	LF	COIR FIBER BAFFLES
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
1.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.2	ACR	REFORESTATION
***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
328	LF	15" RC PIPE CULVERTS, CLASS III
1	EA	*** RC PIPE ELBOWS, CLASS III (15")
*** OR ***		
328	LF	*** HDPE PIPE CULVERTS (15")
1	EA	GENERIC PIPE ITEM 15" HDPE PIPE ELBOW
*** OR ***		
328	LF	*** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
1	EA	GENERIC PIPE ITEM 15" ALUM CORR STL PIPE ELBOW
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+92.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+92.50-L-)
29	LF	***,***" DIA DRILLED PIERS IN SOIL (4'-6")
19	LF	***,***" DIA DRILLED PIERS NOT IN SOIL (4'-6")
32	LF	PERMANENT STEEL CASING FOR ***,***" DIA DRILLED PIER (4'-6")
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
9,533	SF	REINFORCED CONCRETE DECK SLAB
8,497	SF	GROOVING BRIDGE FLOORS
74.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+92.50-L-)
15,784	LB	REINFORCING STEEL (BRIDGE)
2,349	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)

390,635	LS	APPROX ..... LBS STRUCTURAL STEEL
430	LF	HP12X53 STEEL PILES
556.73	LF	CONCRETE BARRIER RAIL
577	TON	RIP RAP CLASS II (2'-0" THICK)
643	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM DISPOSAL OF THE TRUSS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 023

CONTRACT ID : C201617 33278.3.1

DIV OFFICE SYLVA

LENGTH = 0.063 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : NOV 01 2008

BRIDGE OVER BATES CREEK & APPROACHES ON SR-1331.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** 10+87.86
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZA- TION
1.5	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
190	SF	TEMPORARY SHORING
30	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
24	LF	*** SIDE DRAIN PIPE (48")
180	LF	15" RC PIPE CULVERTS, CLASS III
28	LF	*** CS PIPE CULVERTS, ***** THICK (84", TYPE B 0.168")
140	LF	PIPE REMOVAL
500	TON	INCIDENTAL STONE BASE
135	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
95	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
140	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
20	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	CY	SUBDRAIN EXCAVATION
170	CY	SUBDRAIN FINE AGGREGATE
1,000	LF	6" PERFORATED SUBDRAIN PIPE
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
125	LF	SHOULDER BERM GUTTER
37.5	LF	STEEL BM GUARDRAIL
81.25	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
112.5	LF	TEMPORARY STEEL BM GUARDRAIL
37.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
4	TON	RIP RAP, CLASS B
329	SY	FILTER FABRIC FOR DRAINAGE
280	SF	WORK ZONE SIGNS (STATIONARY)
112	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	CHANGEABLE MESSAGE SIGN
32	EA	DRUMS
30	EA	CONES
40	LF	BARRICADES (TYPE III)
600	HR	FLAGGER

2	EA	TEMPORARY CRASH CUSHIONS
2	EA	TMIA
310	LF	PORTABLE CONCRETE BARRIER
30	EA	SKINNY DRUM
104	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,060	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
17	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)
7,096	LF	PAINT PAVEMENT MARKING LINES (4")
92	LF	PAINT PAVEMENT MARKING LINES (24")
410	LF	TEMPORARY SILT FENCE
160	TON	STONE FOR EROSION CONTROL, CLASS A
225	TON	STONE FOR EROSION CONTROL, CLASS B
175	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	SAFETY FENCE
380	CY	SILT EXCAVATION
240	SY	MATTING FOR EROSION CONTROL
80	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
0.65	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
0.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.02	ACR	STREAMBANK REFORESTATION
590	LF	SIGNAL CABLE
6	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
440	LF	MESSENGER CABLE (3/8")
5	EA	WOOD POLE
7	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
3	EA	2" RISER WITH WEATHERHEAD
420	LF	INDUCTIVE LOOP SAWCUT
840	LF	LEAD-IN CABLE (***** (14-2)
4	EA	SIGN FOR SIGNALS
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
2	EA	DETECTOR CARD (TYPE 2070L)

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+87.86-L-)
80	LF	PILE EXCAVATION IN SOIL
64	LF	PILE EXCAVATION NOT IN SOIL
36	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (10+87.86-L-)
5,068	LB	REINFORCING STEEL (BRIDGE)
200	LF	HP12X53 GALVANIZED STEEL PILES
770	SF	*** STEEL SHEET PILES (18")
39.81	LF	ONE BAR METAL RAIL
55.34	LF	1'-***X ***** CONCRETE PARA- PET (1'-0" X 1'-8")
Lump Sum	LS	ELASTOMERIC BEARINGS

332.06 LF 3'-0" X 1'-9" PRESTRESSED CONC  
CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080219 024

CONTRACT ID : C201618 33303.3.1

DIV OFFICE SYLVA

LENGTH = 0.140 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 4.0% COMPLETION DATE : NOV 01 2008

CULVERT ON MUD CREEK & APPROACHES ON SR-1238.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
1,500	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZATION
1,625	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
200	SF	TEMPORARY SHORING
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	LF	18" SIDE DRAIN PIPE
184	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")
48	LF	*** CS PIPE CULVERTS, ***** THICK (90", 0.109")
232	LF	PIPE REMOVAL
30	TON	#57 STONE
416	TON	AGGREGATE BASE COURSE
75	TON	INCIDENTAL STONE BASE
215	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
225	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
24	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
168	CY	SUBDRAIN EXCAVATION
126	CY	SUBDRAIN FINE AGGREGATE
750	LF	6" PERFORATED SUBDRAIN PIPE
24	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
575	LF	STEEL BM GUARDRAIL
50	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
375	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
11	TON	RIP RAP, CLASS B
85	TON	BOULDERS
222	SY	FILTER FABRIC FOR DRAINAGE
104	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (PORTABLE)
56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
41	EA	DRUMS
96	LF	BARRICADES (TYPE III)
480	HR	FLAGGER
5,736	LF	PAINT PAVEMENT MARKING LINES (4")
1,050	LF	TEMPORARY SILT FENCE
40	TON	STONE FOR EROSION CONTROL, CLASS A
170	TON	STONE FOR EROSION CONTROL, CLASS B
140	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
1,200	LF	SAFETY FENCE
600	CY	SILT EXCAVATION
1,000	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT

185	SY	PERMANENT SOIL REINFORCEMENT MAT
330	LF	1/4" HARDWARE CLOTH
35	CY	STILLING BASINS
180	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
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
145	LF	IMPERVIOUS DIKE
2.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.3	ACR	STREAMBANK REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+65.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (13+65.00-L-)
79	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
133.9	CY	CLASS A CONCRETE (CULVERT)
22,068	LB	REINFORCING STEEL (CULVERT)





