




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

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
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

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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

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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".

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.

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NC DEPARTMENT OF TRANSPORTATION  
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1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

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FAX: 919-250-4127

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

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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  
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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 JANUARY 15 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 DECEMBER 18, 2007.  
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** L080115

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C201804	41470.3.GV1	DARE	0.000 MI	REPAIR EXISTING PILE CAPS, COLUMNS, CAPS, GIRDERS, & DECKS.
002	C201737	34503.3.7	WAKE	2.500 KM	GRADING, DRAINAGE, PAVING & SIGNALS.
003	C201730	33385.3.1	BEAUFORT	0.111 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C201496	33389.3.1	BEAUFORT, PITT	0.161 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C201428	33444.3.1	CRAVEN	0.170 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
006	C201788	32906.2.3	DURHAM	0.067 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
007	C201763	33646.3.1	WARREN	0.246 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C201991	5C.092122 ETC.	WAKE	28.750 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
009	C201990	5C.039038 ETC.	GRANVILLE	25.380 MI	RESURFACING & SHOULDER RECONSTRUCTION.
010	C201992	5CR.10921.13	WAKE	15.530 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
011	C201802	41519.3.1	ROBESON	3.140 MI	WIDENING, GRADING, DRAINAGE, PAVING, GRDRAIL & CULVERT EXT.
012	C201996	7C.068081 ETC.	ORANGE	15.437 MI	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
013	C201959	7CR.10011.13 ETC	ALAMANCE, ORANGE	23.223 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
014	C201787	33276.3.1	CHATHAM	0.189 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
015	C201985	8CR.10621.8 ETC.	MONTGOMERY	34.570 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
016	C201986	8CR.10771.8 ETC.	RICHMOND	26.060 MI	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
017	C201987	8CR.10831.8 ETC.	SCOTLAND	10.070 MI	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
018	C201756	33456.3.1	DAVIDSON	0.341 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
019	C201757	33457.3.1	DAVIDSON	0.180 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
020	C201758	33460.3.1	DAVIE	0.256 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
021	C201759	33467.3.1	FORSYTH	0.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
022	C201622	34813.3.3	MECKLENBURG, UNION	3.535 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
023	C201602	33271.3.1	CALDWELL	0.219 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
024	C201733	33419.3.1	CALDWELL	0.125 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
025	C201907	37897	CATAWBA	0.980 MI	GRADING, DRAINAGE & PAVING.
026	C201989	12CR.10491.7 ETC	IREDELL	27.600 MI	WIDENING, MILLING, RESURFACING, & SHOULDER RECONSTRUCTION.
027	C201754	33408.3.1	BURKE	0.152 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
028	C201764	33667.3.1	YANCEY	0.056 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
029	C201988	13CR.10811.5 ETC	RUTHERFORD	20.860 MI	MILLING, RESURFACING, ULTRATHIN HOT MIX & SHOULDER RECONST.

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

**Bid Letting Number** L080115

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
030	C201982	13CR.10121.5	ETC BURKE	20.460 MI	MILLING, RESURFACING, ULTRATHIN HOT MIX, & SHLDER RECONSTR.
031	C201983	13CR.10111.7	ETC BUNCOMBE	15.080 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
032	C201981	13CR.10571.5	ETC MADISON	11.010 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
033	C201980	13CR.10591.6	ETC MCDOWELL	16.910 MI	RESURFACING & SHOULDER RECONSTRUCTION.
034	C201984	13CR.10611.6	ETC MITCHELL, YANCEY	17.470 MI	WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
035	C200794	33840.3.2	SWAIN	0.219 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
036	C201957	14CR.20451.7	HENDERSON	12.350 MI	WIDENING AND RESURFACING.

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

L080115 001

CONTRACT ID : C201804 41470.3.GV1

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : DARE

REPAIR EXISTING PILE CAPS, COLUMNS, CAPS, GIRDERS, &amp; DECKS.

DBE GOAL 0.0% COMPLETION DATE : NOV 19 2010

HERBERT C BONNER BRIDGE AT THE OREGON INLET ON NC-12.

ROADWAY ITEMS					
			35	EA	GENERIC STRUCTURE ITEM SHOTCRETE CORE SAMPLES (BENTS #129 - #166)
			10	EA	GENERIC STRUCTURE ITEM SHOTCRETE CORE SAMPLES (BENTS #167 - EB2)
			10	EA	GENERIC STRUCTURE ITEM SHOTCRETE CORE SAMPLES (BENTS EB1 - #123)
			15	EA	GENERIC STRUCTURE ITEM SHOTCRETE CORE SAMPLES (SPANS #1 - #123)
			15	EA	GENERIC STRUCTURE ITEM SHOTCRETE CORE SAMPLES (SPANS #130 - #167)
			15	EA	GENERIC STRUCTURE ITEM SHOTCRETE CORE SAMPLES (SPANS #168 - #204)
Lump Sum	LS	MOBILIZATION			
4,123	LF	GENERIC STRUCTURE ITEM EVAZOTE JOINT SEAL (SPANS #1 - #123)			
1,331	LF	GENERIC STRUCTURE ITEM EVAZOTE JOINT SEAL (SPANS #130 - #167)			
1,264	LF	GENERIC STRUCTURE ITEM EVAZOTE JOINT SEAL (SPANS #168 - #204)			
190	CF	GENERIC STRUCTURE ITEM EPOXY MORTAR REPAIRS (BENTS #167 - EB2)			
143	CF	GENERIC STRUCTURE ITEM EPOXY MORTAR REPAIRS (SPANS #1 - #123)			
62	CF	GENERIC STRUCTURE ITEM EPOXY MORTAR REPAIRS (SPANS #130 - #167)			
78	CF	GENERIC STRUCTURE ITEM EPOXY MORTAR REPAIRS (SPANS #168 - #204)			
899	CF	GENERIC STRUCTURE ITEM HORIZONTAL SHOTCRETE REPAIRS (BENTS #129 - #166)			
45	CF	GENERIC STRUCTURE ITEM HORIZONTAL SHOTCRETE REPAIRS (BENTS #167 - EB2)			
75	CF	GENERIC STRUCTURE ITEM HORIZONTAL SHOTCRETE REPAIRS (BENTS EB1 - #123)			
174	CF	GENERIC STRUCTURE ITEM OVERHEAD SHOTCRETE REPAIRS (BENTS #129 - #166)			
264	CF	GENERIC STRUCTURE ITEM OVERHEAD SHOTCRETE REPAIRS (BENTS #167 - EB2)			
290	CF	GENERIC STRUCTURE ITEM OVERHEAD SHOTCRETE REPAIRS (BENTS EB1 - #123)			
698	CF	GENERIC STRUCTURE ITEM OVERHEAD SHOTCRETE REPAIRS (SPANS #1 - #123)			
4,246	CF	GENERIC STRUCTURE ITEM OVERHEAD SHOTCRETE REPAIRS (SPANS #130 - #167)			
5,200	CF	GENERIC STRUCTURE ITEM OVERHEAD SHOTCRETE REPAIRS (SPANS #168 - #204)			
356	CF	GENERIC STRUCTURE ITEM POURED CONCRETE REPAIRS (BENTS #129 - #166)			
4,315	CF	GENERIC STRUCTURE ITEM VERTICAL SHOTCRETE REPAIRS (BENTS #129 - #166)			
643	CF	GENERIC STRUCTURE ITEM VERTICAL SHOTCRETE REPAIRS (BENTS #167 - EB2)			
727	CF	GENERIC STRUCTURE ITEM VERTICAL SHOTCRETE REPAIRS (BENTS EB1 - #123)			
17	CF	GENERIC STRUCTURE ITEM VERTICAL SHOTCRETE REPAIRS (SPANS #1 - #123)			
40	CF	GENERIC STRUCTURE ITEM VERTICAL SHOTCRETE REPAIRS (SPANS #130 - #167)			
33	CF	GENERIC STRUCTURE ITEM VERTICAL SHOTCRETE REPAIRS (SPANS #168 - #204)			
2,277	LB	GENERIC STRUCTURE ITEM ADDITIONAL REINFORCING STEEL (BENTS #129 - #166)			
1,692	LB	GENERIC STRUCTURE ITEM ADDITIONAL REINFORCING STEEL (BENTS #167 - EB2)			
3,566	LB	GENERIC STRUCTURE ITEM ADDITIONAL REINFORCING STEEL (BENTS EB1 - #123)			



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

L080115 002

CONTRACT ID : C201737 34503.3.7

DIV OFFICE DURHAM

LENGTH = 2.500 KM

COUNTY : WAKE

GRADING, DRAINAGE, PAVING &amp; SIGNALS.

DBE GOAL 12.0% COMPLETION DATE : JUN 30 2010

NC-98 (WAKE FOREST BYPASS) FROM WEST OF SR-1923 (THOMPSON MILL RD) TO US-1.

ROADWAY ITEMS					
			50	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
			4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			8	M	150MM OUTLET PIPE (SUBDRAINS)
Lump Sum	LS	MOBILIZATION	20	MTN	BLOTTING SAND
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	11	M3	ENDWALLS
1.2	HA	SUPPLEMENTARY CLEARING & GRUBBING	4	M3	PIPE COLLARS
500	MTN	CLASS IV SUBGRADE STABILIZATION	7	M3	FLOWABLE FILL
3,420	M3	DRAINAGE DITCH EXCAVATION	95	EA	MASONRY DRAINAGE STRUCTURES
300	M	BERM DITCH CONSTRUCTION	11	M	MASONRY DRAINAGE STRUCTURES
16,890	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	10	EA	FRAME WITH TWO GRATES, STD 840.16
910	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	6	EA	FRAME WITH TWO GRATES, STD 840.20
14	HR	PROOF ROLLING	22	EA	FRAME WITH TWO GRATES, STD 840.22
7,200	M3	SELECT GRANULAR MATERIAL	21	EA	FRAME WITH TWO GRATES, STD 840.24
7,200	M2	FABRIC FOR SOIL STABILIZATION	5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
1,250	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
14.4	M	375MM SIDE DRAIN PIPE	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
482.4	M	600MM RC PIPE CULVERTS, CLASS III	19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
43.2	M	750MM RC PIPE CULVERTS, CLASS III	5	EA	FRAME WITH COVER, STD 840.54
98.4	M	900MM RC PIPE CULVERTS, CLASS III	15	EA	CONCRETE APRON FOR CATCH BASIN
4.8	M	1050MM RC PIPE CULVERTS, CLASS III	10	EA	CONCRETE APRON FOR DROP INLETS
20.4	M	1200MM RC PIPE CULVERTS, CLASS III	3,900	M	450MM CONCRETE CURB & GUTTER
105.6	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)	653	M	750MM CONCRETE CURB & GUTTER
219.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	470	M	SHOULDER BERM GUTTER
81.6	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	29	M2	100MM CONCRETE SIDEWALK
43.2	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	4	EA	WHEELCHAIR RAMPS
60	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	9	M2	150MM CONCRETE DRIVEWAY
115.2	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	49	M2	100MM CONCRETE PAVED DITCH
2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (900MM, 2.01MM)	1,315	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
12	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	1	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN
2	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK	2,560.32	M	STEEL BM GUARDRAIL
260	M	PIPE REMOVAL	57.15	M	STEEL BM GUARDRAIL, SHOP CURVED
Lump Sum	LS	FINE GRADING	10	EA	ADDITIONAL GUARDRAIL POSTS
40,030	M2	LIME TREATED SOIL (SLURRY METHOD)	8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
441	MTN	LIME FOR LIME TREATED SOIL	20	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
25	MTN	#57 STONE	1,660	M	REMOVE EXISTING GUARDRAIL
1,000	MTN	STABILIZER AGGREGATE	4,030	M	WOVEN WIRE FENCE, 1200MM FABRIC
40,030	M2	***MM SOIL CEMENT BASE (180MM)	820	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
1,201	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	230	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
350	MTN	AGGREGATE FOR SOIL CEMENT BASE	150	M	ADDITIONAL BARBED WIRE
54,450	L	ASPHALT CURING SEAL	110	M	WOVEN WIRE FENCE RESET
500	MTN	INCIDENTAL STONE BASE	840	MTN	PLAIN RIP RAP, CLASS I
3,530	M2	INCIDENTAL MILLING	1,440	MTN	PLAIN RIP RAP, CLASS B
12,768	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	230	MTN	BOULDERS
11,099	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	7,000	M2	FILTER FABRIC FOR DRAINAGE
666	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	7	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
270	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	583.5	M2	GENERIC WALL ITEM SOUND BARRIER WALL
4,510	M	MILLED RUMBLE STRIPS	7	M3	REINFORCED CONCRETE SIGN FOOTINGS
89	EA	RIGHT OF WAY MARKERS	3,142	KG	SUPPORTS, BREAKAWAY STEEL BEAM
420	M3	SUBDRAIN EXCAVATION	589	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
210	M3	SUBDRAIN FINE AGGREGATE	3	EA	SIGN ERECTION, TYPE D
500	M	150MM PERFORATED SUBDRAIN PIPE	85	EA	SIGN ERECTION, TYPE E
			24	EA	SIGN ERECTION, TYPE F
			3	EA	SIGN ERECTION, TYPE *** (OVER-HEAD) (A)

			2	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	1	EA	RELOCATE EXISTING WATER METER
2	EA	SIGN ERECTION, OVERLAY (OVER-HEAD)	4	EA	FIRE HYDRANT, ****MPA WP (1.035MPA WP)
8	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	387	M	FILL OR REMOVE ABANDONED ****MM PIPE, ***** (300MM, DI WATER)
2	EA	RELOCATE SIGN, TYPE ***** (D)	126	M	FILL OR REMOVE ABANDONED ****MM PIPE, ***** (400MM, DI WATER)
2	EA	RELOCATE SIGN, TYPE ***** (E)	2	EA	GENERIC UTILITY ITEM 400MM BUTTERFLY VALVE & MAN-HOLE
5	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	4,800	M	TEMPORARY SILT FENCE
37	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1,575	MTN	STONE FOR EROSION CONTROL, CLASS A
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	7,950	MTN	STONE FOR EROSION CONTROL, CLASS B
2	EA	DISPOSAL OF SIGN, D, E OR F	3,950	MTN	SEDIMENT CONTROL STONE
163	M2	WORK ZONE SIGNS (STATIONARY)	28.5	HA	TEMPORARY MULCHING
44	M2	WORK ZONE SIGNS (PORTABLE)	1,075	KG	SEED FOR TEMPORARY SEEDING
32	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	8.5	MTN	FERTILIZER FOR TEMPORARY SEEDING
1	EA	FLASHING ARROW PANELS, TYPE C	500	M	TEMPORARY SLOPE DRAINS
1	EA	CHANGEABLE MESSAGE SIGN	29	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
471	EA	DRUMS	650	M	SAFETY FENCE
250	EA	CONES	20,350	M3	SILT EXCAVATION
126	M	BARRICADES (TYPE III)	36,000	M2	MATTING FOR EROSION CONTROL
240	MD	FLAGGER	580	M2	COIR FIBER MAT
4	EA	TEMPORARY CRASH CUSHIONS	2,220	M2	PERMANENT SOIL REINFORCEMENT MAT
2	EA	RESET TEMPORARY CRASH CUSHIONS	350	M	6.4MM HARDWARE CLOTH
515	M	PORTABLE CONCRETE BARRIER	2	EA	SPECIAL STILLING BASINS
195	M	RESET PORTABLE CONCRETE BARRIER	33	HA	SEEDING & MULCHING
99	M	REMOVABLE TAPE PAVEMENT MARKING LINES (100MM)	16	HA	MOWING
458	EA	TEMPORARY RAISED PAVEMENT MARKERS	275	KG	SEED FOR REPAIR SEEDING
13,204	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	1.25	MTN	FERTILIZER FOR REPAIR SEEDING
12,492	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	725	KG	SEED FOR SUPPLEMENTAL SEEDING
600	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	55	MTN	FERTILIZER TOPDRESSING
282	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	19.5	HR	SPECIALIZED HAND MOWING
40	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	0.8	HA	REFORESTATION
276	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	0.04	HA	STREAMBANK REFORESTATION
29,101	M	PAINT PAVEMENT MARKING LINES (100MM)	5	EA	GENERIC EROSION CONTROL ITEM 102MM SKIMMER
108	M	PAINT PAVEMENT MARKING LINES (200MM)	23	EA	GENERIC EROSION CONTROL ITEM 38MM SKIMMER
150	M	PAINT PAVEMENT MARKING LINES (600MM)	19	EA	GENERIC EROSION CONTROL ITEM 51MM SKIMMER
16	EA	PAINT PAVEMENT MARKING CHARACTER	14	EA	GENERIC EROSION CONTROL ITEM 64MM SKIMMER
126	EA	PAINT PAVEMENT MARKING SYMBOL	5	EA	GENERIC EROSION CONTROL ITEM 76MM SKIMMER
2,378	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	20	EA	GENERIC EROSION CONTROL ITEM FITTED FILTER ASSEMBLY
3	M	REMOVAL OF PAVEMENT MARKING LINES (150MM)	10	EA	GENERIC EROSION CONTROL ITEM MAIN HOUSING
56	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)	108	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
12	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)	400	M	GENERIC EROSION CONTROL ITEM BELTED SILT FENCE
19	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	1,300	M	GENERIC EROSION CONTROL ITEM COIR FIBER BAFFLES
1,206	EA	PERMANENT RAISED PAVEMENT MARKERS	600	M	GENERIC EROSION CONTROL ITEM STRAW WATTLES
3	EA	2.1M U-CHANNEL POSTS	1,410	M	SIGNAL CABLE
3	EA	OBJECT MARKERS (END OF ROAD)	32	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
75.5	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (V)	1	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)
75.5	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (V)	8	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
2.95	MTN	PAVEMENT REPAIR FOR UTILITY WORK	1,183	M	MESSENGER CABLE (6.35MM)
6	M	150MM DI WATER PIPE, PC 2.41MPA	185	M	MESSENGER CABLE (9.52MM)
334	M	300MM DI WATER PIPE, PC 2.41MPA	973	M	TRACER WIRE
139	M	400MM DI WATER PIPE, PC ****MPA (2.41MPA)	1,969	M	TRENCHING (UNPAVED)
5	M	20MM COPPER WATER PIPE, TYPE K	127	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (50MM, 1 CONDUIT)
1,880.2	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP	220	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (50MM, 2 CONDUITS)
1	EA	20MM CORPORATION STOP	21	EA	JUNCTION BOX (STANDARD SIZE)
4	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP (1.38MPA WP)	6	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
			4	EA	WOOD POLE
			16	EA	GUY ASSEMBLY
			1	EA	25MM RISER WITH WEATHERHEAD
			3	EA	50MM RISER WITH WEATHERHEAD
			2	EA	50MM RISER WITH HEAT SHRINK TUBING
			1,575	M	INDUCTIVE LOOP SAWCUT

403.2 M GENERIC PIPE ITEM  
375MM HDPE PIPE CULVERTS  
348 M GENERIC PIPE ITEM  
450MM HDPE PIPE CULVERTS

2,290 M LEAD-IN CABLE  
2,471 M COMMUNICATIONS CABLE (\*\*FIBER)  
(12)  
3 EA INTERCONNECT CENTER  
8 EA DELINEATOR MARKER  
1 EA FURNISH FIBER-OPTIC TRANSCEIV-  
ER  
7 EA SOIL TEST  
8 EA SIGN FOR SIGNALS  
2 EA SIGNAL CABINET FOUNDATION  
1 EA CONDUIT ENTRANCE INTO EXISTING  
FOUNDATION  
2 EA CONTROLLER WITH CABINET (TYPE  
2070L, BASE MOUNTED)  
25 EA DETECTOR CARD (TYPE 2070L)  
1 EA TRAFFIC SIGNAL REMOVAL  
2 EA GENERIC SIGNAL ITEM  
CABINET BASE EXTENDER  
3 EA GENERIC SIGNAL ITEM  
FIBER-OPTIC TRANSCEIVER SELF-  
HEALING RING  
7 EA GENERIC SIGNAL ITEM  
MAST ARM WITH METAL POLE DESIG  
N  
1 EA GENERIC SIGNAL ITEM  
METAL POLE WITH DUAL MAST ARM  
6 EA GENERIC SIGNAL ITEM  
METAL POLE WITH SINGLE MAST  
ARM  
35 M3 GENERIC SIGNAL ITEM  
DRILLED PIER FOUNDATION

\*\*\* END SCHEDULE AB \*\*\*

\*\*\*\*\* BEGIN SCHEDULE AA \*\*\*\*\*  
\*\*\*\*\* ( 2 ALTERNATES ) \*\*\*\*\*

235,500 M3 UNCLASSIFIED EXCAVATION  
13,800 M3 UNDERCUT EXCAVATION  
128,800 M3 BORROW EXCAVATION  
48,000 MTN AGGREGATE BASE COURSE  
3,470 MTN ASPHALT CONC BASE COURSE, TYPE  
B25.0B  
2,928 MTN ASPHALT CONC BASE COURSE, TYPE  
B25.0C  
7,184 MTN ASPHALT CONC INTERMEDIATE  
COURSE, TYPE I19.0B  
10,283 MTN ASPHALT CONC SURFACE COURSE,  
TYPE S9.5B  
1,830 MTN ASPHALT BINDER FOR PLANT MIX,  
GRADE PG 64-22

\*\*\* OR \*\*\*

227,100 M3 UNCLASSIFIED EXCAVATION  
13,700 M3 UNDERCUT EXCAVATION  
139,600 M3 BORROW EXCAVATION  
12,568 MTN ASPHALT CONC BASE COURSE, TYPE  
B25.0B  
15,809 MTN ASPHALT CONC BASE COURSE, TYPE  
B25.0C  
6,307 MTN ASPHALT CONC INTERMEDIATE  
COURSE, TYPE I19.0B  
10,305 MTN ASPHALT CONC SURFACE COURSE,  
TYPE S9.5B  
2,736 MTN ASPHALT BINDER FOR PLANT MIX,  
GRADE PG 64-22

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

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

2,010 M 375MM RC PIPE CULVERTS, CLASS  
III  
666 M 450MM RC PIPE CULVERTS, CLASS  
III

\*\*\* OR \*\*\*

1,606.8 M 375MM RC PIPE CULVERTS, CLASS  
III  
318 M 450MM RC PIPE CULVERTS, CLASS  
III

403.2 M GENERIC PIPE ITEM  
400MM ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, 1.63MM  
THICK  
348 M GENERIC PIPE ITEM  
450MM ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, 1.63MM  
THICK

\*\*\* OR \*\*\*

1,606.8 M 375MM RC PIPE CULVERTS, CLASS  
III  
318 M 450MM RC PIPE CULVERTS, CLASS  
III

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 003

CONTRACT ID : C201730 33385.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.111 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER BROAD CREEK AND APPROACHES ON NC-32.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+85.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	FABRIC FOR SOIL STABILIZATION
38	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
24	LF	15" SIDE DRAIN PIPE
32	LF	15" RC PIPE CULVERTS, CLASS III
16	LF	***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (15", 0.064")
2	EA	*** BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (15", 0.064")
90	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
355	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
386	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
39	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
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
50	LF	SHOULDER BERM GUTTER
187.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
22	TON	RIP RAP, CLASS B
226	SY	FILTER FABRIC FOR DRAINAGE
360	SF	WORK ZONE SIGNS (STATIONARY)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
112	LF	BARRICADES (TYPE III)
770	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
770	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
800	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (I)
8	EA	PERMANENT RAISED PAVEMENT MARKERS
383	LF	10" WATER LINE
382	LF	12" WATER LINE
1	EA	10" VALVE
2	EA	12" VALVE
2	EA	1" AIR RELEASE VALVE
250	LF	TRENCHLESS INSTALLATION OF 10" IN SOIL
370	LF	TEMPORARY SILT FENCE
50	TON	STONE FOR EROSION CONTROL, CLASS A

100	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
1	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
300	LF	SAFETY FENCE
225	CY	SILT EXCAVATION
115	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
120	SY	FLOATING TURBIDITY CURTAIN
105	LF	COIR FIBER BAFFLES
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	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+85.00 -L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+85.00 -L-)
67.3	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+85.00 -L-)
11,378	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
2,640	LF	HP12X53 STEEL PILES
20	EA	PILE REDRIVES
384.75	LF	TWO BAR METAL RAIL
399.75	LF	1'-**"X ***** CONCRETE PARAPET (1'-2" X 2'-9 1/2")
651	TON	RIP RAP CLASS II (2'-0" THICK)
723	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,593.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

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

L080115 004

CONTRACT ID : C201496 33389.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.161 MI

COUNTY : BEAUFORT, PITT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER TRANTER'S CREEK AND APPROACHES ON SR-1414 AND SR-1556.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION							
Lump Sum	LS	CONSTRUCTION SURVEYING							
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+34 -L-)							
Lump Sum	LS	GRADING							
	1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING						
	200	CY	UNDERCUT EXCAVATION						
	100	SY	FABRIC FOR SOIL STABILIZATION						
	100	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL						
	14	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS						
	92	LF	15" RC PIPE CULVERTS, CLASS III						
	40	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")						
	100	TON	INCIDENTAL STONE BASE						
	270	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B						
	410	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A						
	39	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22						
	20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR						
	5	EA	MASONRY DRAINAGE STRUCTURES						
	5	EA	FRAME WITH TWO GRATES, STD 840.29						
	110	LF	SHOULDER BERM GUTTER						
	550	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						
	195	SY	FILTER FABRIC FOR DRAINAGE						
	440	SF	WORK ZONE SIGNS (STATIONARY)						
	96	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)						
	48	LF	BARRICADES (TYPE III)						
	6,800	LF	PAINT PAVEMENT MARKING LINES (4")						
	1,125	LF	TEMPORARY SILT FENCE						
	50	TON	STONE FOR EROSION CONTROL, CLASS A						
	40	TON	STONE FOR EROSION CONTROL, CLASS B						
	80	TON	SEDIMENT CONTROL STONE						
	1	ACR	TEMPORARY MULCHING						
	50	LB	SEED FOR TEMPORARY SEEDING						
	0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING						
	50	LF	TEMPORARY SLOPE DRAINS						
	2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS						
	160	LF	SAFETY FENCE						
	55	CY	SILT EXCAVATION						
	175	SY	MATting FOR EROSION CONTROL						
	350	LF	1/4" HARDWARE CLOTH						
	1	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						
	0.75	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+34.00 -L-)							
	2	EA	PDA TESTING						
	2	EA	PDA ASSISTANCE						
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+34.00 -L-)							
	63.8	CY	CLASS A CONCRETE (BRIDGE)						
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+34.00 -L-)							
	11,818	LB	REINFORCING STEEL (BRIDGE)						
	700	LF	HP12X53 STEEL PILES						
	1,050	LF	PP 18 X 0.50 GALVANIZED STEEL PILES						
	21	EA	PIPE PILE PLATES						
	20	EA	PILE REDRIVES						
	435.5	LF	CONCRETE BARRIER RAIL						
	798	TON	RIP RAP CLASS II (2'-0" THICK)						
	887	SY	FILTER FABRIC FOR DRAINAGE						
Lump Sum	LS	ELASTOMERIC BEARINGS							
	2,391.14	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS						

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 005

CONTRACT ID : C201428 33444.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.170 MI

COUNTY : CRAVEN

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER BACHELOR CREEK & APPROACHES ON SR-1005.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+42.500)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
2,100	CY	BORROW EXCAVATION
1,500	SY	FABRIC FOR SOIL STABILIZATION
1,500	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
17	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
96	LF	15" RC PIPE CULVERTS, CLASS III
64	LF	*** CAA PIPE CULVERTS, ***** THICK (15", 0.060")
4	EA	*** CAA PIPE ELBOWS, ***** THICK (15", 0.060")
100	TON	INCIDENTAL STONE BASE
300	SY	INCIDENTAL MILLING
185	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
465	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
46	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
22.4	CY	SUBDRAIN EXCAVATION
16.8	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)
5	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.29
775	LF	SHOULDER BERM GUTTER
800	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
4	TON	RIP RAP, CLASS B
160	SY	FILTER FABRIC FOR DRAINAGE
13.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
5.56	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
62	LF	SUPPORTS, WOOD
2	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
1	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
10	EA	DISPOSAL OF SIGN SYSTEM, WOOD
353	SF	WORK ZONE SIGNS (STATIONARY)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
7,200	LF	PAINT PAVEMENT MARKING LINES (4")
12	EA	PERMANENT RAISED PAVEMENT MARKERS
750	LF	TEMPORARY SILT FENCE

50	TON	STONE FOR EROSION CONTROL, CLASS A
80	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
120	LF	TEMPORARY SLOPE DRAINS
6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
175	CY	SILT EXCAVATION
350	SY	MATTING FOR EROSION CONTROL
160	LF	1/4" HARDWARE CLOTH
100	SY	FLOATING TURBIDITY CURTAIN
45	LF	COIR FIBER BAFFLES
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
8	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+42.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+42.50-L-)
3,672	SF	CONCRETE WEARING SURFACE
4,742	SF	GROOVING BRIDGE FLOORS
51.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+42.50-L-)
8,182	LB	REINFORCING STEEL (BRIDGE)
350	LF	HP12X53 STEEL PILES
500	LF	HP14X73 STEEL PILES
20	EA	STEEL PILE POINTS
225	LF	CONCRETE BARRIER RAIL
373	TON	RIP RAP CLASS II (2'-0" THICK)
415	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,350	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 006

CONTRACT ID : C201788 32906.2.3

DIV OFFICE DURHAM

LENGTH = 0.067 MI

COUNTY : DURHAM

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE # 158 OVER A CREEK AND APPROACHES ON SR-1402.

ROADWAY ITEMS

			30	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+76.00-L-)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+76.00-L-)	2,357	SF	REINFORCED CONCRETE DECK SLAB
			2,318	SF	GROOVING BRIDGE FLOORS
			28	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	GRADING			
Lump Sum	LS	SUPPLEMENTARY CLEARING & GRUBBING			
			5,739	LB	REINFORCING STEEL (BRIDGE)
1	ACR	UNDERCUT EXCAVATION	372.67	LF	54" PRESTRESSED CONCRETE GIRDERS
200	CY	SELECT GRANULAR MATERIAL			
200	SY	FABRIC FOR SOIL STABILIZATION	280	LF	HP12X53 STEEL PILES
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	186.67	LF	CONCRETE BARRIER RAIL
52	LF	15" RC PIPE CULVERTS, CLASS III	161	TON	RIP RAP CLASS II (2'-0" THICK)
24	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	178	SY	FILTER FABRIC FOR DRAINAGE
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	Lump Sum	LS	ELASTOMERIC BEARINGS
120	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	Lump Sum	LS	EVAZOTE JOINT SEALS
70	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
10	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
3	EA	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.29			
1	EA	FRAME WITH COVER, STD 840.54			
30	LF	SHOULDER BERM GUTTER			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
19	TON	RIP RAP, CLASS B			
155	SY	FILTER FABRIC FOR DRAINAGE			
269	SF	WORK ZONE SIGNS (STATIONARY)			
57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
64	LF	BARRICADES (TYPE III)			
2,880	LF	PAINT PAVEMENT MARKING LINES (4")			
510	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
100	TON	STONE FOR EROSION CONTROL, CLASS B			
40	TON	SEDIMENT CONTROL STONE			
0.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
165	LF	SAFETY FENCE			
145	CY	SILT EXCAVATION			
205	SY	MATTING FOR EROSION CONTROL			
77	SY	PERMANENT SOIL REINFORCEMENT MAT			
40	LF	1/4" HARDWARE CLOTH			
0.5	ACR	SEEDING & MULCHING			
0.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
0.25	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 ***** (14+76.00-L-)			
90	LF	PILE EXCAVATION IN SOIL			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 007

CONTRACT ID : C201763 33646.3.1

DIV OFFICE DURHAM

LENGTH = 0.246 MI

COUNTY : WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER SIX POUND CREEK AND APPROACHES ON SR-1306.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+87.50)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
250	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
100	TON	CLASS IV SUBGRADE STABILIZATION
2,400	CY	BORROW EXCAVATION
98	CY	DRAINAGE DITCH EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
250	SY	FABRIC FOR SOIL STABILIZATION
50	TON	SELECT MATERIAL, CLASS III
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
52	LF	15" RC PIPE CULVERTS, CLASS III
32	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
25	TON	INCIDENTAL STONE BASE
520	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
440	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
53	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
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)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
67	LF	SHOULDER BERM GUTTER
475	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
110	TON	RIP RAP, CLASS B
434	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
429	SF	WORK ZONE SIGNS (STATIONARY)
132	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
128	LF	BARRICADES (TYPE III)
10,400	LF	PAINT PAVEMENT MARKING LINES (4")
17	EA	PERMANENT RAISED PAVEMENT MARKERS
1,500	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
165	TON	STONE FOR EROSION CONTROL, CLASS B
55	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
15	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
415	CY	SILT EXCAVATION

580	SY	MATTING FOR EROSION CONTROL
165	SY	PERMANENT SOIL REINFORCEMENT MAT
60	LF	1/4" HARDWARE CLOTH
185	LF	COIR FIBER BAFFLES
3	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+87.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+87.50-L-)
38.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+87.50-L-)
6,341	LB	REINFORCING STEEL (BRIDGE)
500	LF	HP12X53 STEEL PILES
185.3	LF	CONCRETE BARRIER RAIL
185	TON	RIP RAP CLASS II (2'-0" THICK)
205	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,019.33	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 008

CONTRACT ID : C201991 5C.092122

DIV OFFICE DURHAM

LENGTH = 28.750 MI

COUNTY : WAKE

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

18 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,425	TON	INCIDENTAL STONE BASE
53.66	SMI	SHOULDER RECONSTRUCTION
15,353	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,150	SY	INCIDENTAL MILLING
5,037	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
8,911	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
41,569	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,192	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
15,904	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF DROP INLETS
44	EA	ADJUSTMENT OF MANHOLES
60	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
305,303	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
192,614	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
929	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,805	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
78	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
182	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,959	EA	PERMANENT RAISED PAVEMENT MARKERS
40.79	ACR	SEEDING & MULCHING
480	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 009

CONTRACT ID : C201990 5C.039038

DIV OFFICE DURHAM

LENGTH = 25.380 MI

COUNTY : GRANVILLE

RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

5 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,079	TON	INCIDENTAL STONE BASE
35.96	SMI	SHOULDER RECONSTRUCTION
3,350	SY	INCIDENTAL MILLING
13,156	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
20,491	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
575	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,932	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
850	TON	PATCHING EXISTING PAVEMENT
193,465	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
170,810	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1,192	EA	PERMANENT RAISED PAVEMENT MARKERS
26.07	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 010

CONTRACT ID : C201992 5CR.10921.13

DIV OFFICE DURHAM

LENGTH = 15.530 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

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

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
742	TON	INCIDENTAL STONE BASE
29.62	SMI	SHOULDER RECONSTRUCTION
15,806	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
70	SY	INCIDENTAL MILLING
21,960	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,318	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
7,777	TON	PATCHING EXISTING PAVEMENT
31	EA	ADJUSTMENT OF MANHOLES
18	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
159,355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
107,250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
111	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
482	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
30	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
70	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
9,504	LF	PAINT PAVEMENT MARKING LINES (4")
1,103	EA	PERMANENT RAISED PAVEMENT MARKERS
21.48	ACR	SEEDING & MULCHING
144	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 011

CONTRACT ID : C201802 41519.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 3.140 MI

COUNTY : ROBESON

WIDENING, GRADING, DRAINAGE, PAVING, GRDRAIL & CULVERT EXT.

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

NC-41 FROM EXISTING 3-LANE SECTION WEST OF SR-2110 TO MP 3.1 EAST OF SR-1004.

ROADWAY ITEMS					
			32,482	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			33,213	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	MOBILIZATION	614	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
Lump Sum	LS	CONSTRUCTION SURVEYING	72	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	36	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
11,220	CY	UNCLASSIFIED EXCAVATION	131,389	LF	PAINT PAVEMENT MARKING LINES (4")
535	CY	UNDERCUT EXCAVATION	1,228	LF	PAINT PAVEMENT MARKING LINES (8")
2,350	CY	BORROW EXCAVATION	72	LF	PAINT PAVEMENT MARKING LINES (24")
780	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	12	EA	PAINT PAVEMENT MARKING CHARACTER
32	LF	15" SIDE DRAIN PIPE	36	EA	PAINT PAVEMENT MARKING SYMBOL
548	LF	18" SIDE DRAIN PIPE	573	EA	PERMANENT RAISED PAVEMENT MARKERS
144	LF	24" SIDE DRAIN PIPE	118	LF	6" WATER LINE
640	LF	24" RC PIPE CULVERTS, CLASS III	6,567	LF	8" WATER LINE
1,162	LF	PIPE REMOVAL	15	EA	6" VALVE
Lump Sum	LS	FINE GRADING	4	EA	8" VALVE
800	TON	INCIDENTAL STONE BASE	10	EA	RELOCATE WATER METER
2.9	SMI	SHOULDER RECONSTRUCTION	3	EA	FIRE HYDRANT
2,650	SY	INCIDENTAL MILLING	6,549	LF	ABANDON 8" UTILITY PIPE
4,890	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1,600	LF	TEMPORARY SILT FENCE
1,870	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	100	TON	STONE FOR EROSION CONTROL, CLASS A
7,230	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	365	TON	STONE FOR EROSION CONTROL, CLASS B
733	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	40	TON	SEDIMENT CONTROL STONE
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	9.2	ACR	TEMPORARY MULCHING
2	CY	ENDWALLS	460	LB	SEED FOR TEMPORARY SEEDING
2.7	CY	PIPE COLLARS	1.9	TON	FERTILIZER FOR TEMPORARY SEEDING
4	EA	MASONRY DRAINAGE STRUCTURES	600	LF	SAFETY FENCE
2	EA	FRAME WITH TWO GRATES, STD 840.16	140	CY	SILT EXCAVATION
2	EA	FRAME WITH TWO GRATES, STD 840.24	450	SY	SYNTHETIC ROVING
147	LF	***X *** CONCRETE CURB (8" X 12")	450	SY	MATTING FOR EROSION CONTROL
725	SY	6" CONCRETE DRIVEWAY	160	LF	1/4" HARDWARE CLOTH
87	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	100	LF	*** TEMPORARY PIPE (36")
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	2	EA	SPECIAL STILLING BASINS
537.5	LF	STEEL BM GUARDRAIL	9.2	ACR	SEEDING & MULCHING
5	EA	ADDITIONAL GUARDRAIL POSTS	9.2	ACR	MOWING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	160	LB	SEED FOR REPAIR SEEDING
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	0.5	TON	FERTILIZER FOR REPAIR SEEDING
2	EA	GENERIC GUARDRAIL ITEM 25' CLEAR SPAN GUARDRAIL SECTION	120	LB	SEED FOR SUPPLEMENTAL SEEDING
200	TON	RIP RAP, CLASS I	2.3	TON	FERTILIZER TOPDRESSING
16	TON	RIP RAP, CLASS A	230	LF	IMPERVIOUS DIKE
30	TON	RIP RAP, CLASS B	16	EA	RESPONSE FOR EROSION CONTROL
400	SY	FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (35+27.650)
192	SF	WORK ZONE SIGNS (STATIONARY)	34.2	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
192	SF	WORK ZONE SIGNS (PORTABLE)	34.2	CY	CLASS A CONCRETE (CULVERT)
400	EA	DRUMS	3,396	LB	REINFORCING STEEL (CULVERT)
100	EA	CONES			
108	LF	BARRICADES (TYPE III)			
1,620	HR	FLAGGER			
2	EA	TEMPORARY CRASH CUSHIONS	312	LF	18" RC PIPE CULVERTS, CLASS III
2	EA	RESET TEMPORARY CRASH CUSHIONS	284	LF	30" RC PIPE CULVERTS, CLASS III
310	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			
310	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)			
310	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)	200	LF	18" RC PIPE CULVERTS, CLASS III
310	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)	68	LF	30" RC PIPE CULVERTS, CLASS III
573	EA	TEMPORARY RAISED PAVEMENT MARKERS	112	LF	*** HDPE PIPE CULVERTS (18")

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

\*\*\* OR \*\*\*

- 216 LF \*\*\*\* HDPE PIPE CULVERTS  
(30")
- \*\*\* OR \*\*\*
- 200 LF 18" RC PIPE CULVERTS, CLASS  
III
- 68 LF 30" RC PIPE CULVERTS, CLASS  
III
- 112 LF \*\*\*\* ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, \*\*\*\*  
THICK  
(18", 0.064")
- 216 LF \*\*\*\* ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, \*\*\*\*  
THICK  
(30", 0.079")

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

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 012

CONTRACT ID : C201996 7C.068081

DIV OFFICE GREENSBORO

LENGTH = 15.437 MI

COUNTY : ORANGE

WIDENING, MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 31 2008

NC-54 FROM JONES FERRY BRIDGE TO PVT JOINT W OF SR-1107 (OLD FAYETTEVILLE RD) &amp; 5 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
653	TON	INCIDENTAL STONE BASE
20.84	SMI	SHOULDER RECONSTRUCTION
17,818	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
525	SY	INCIDENTAL MILLING
10,276	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
6,096	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14,826	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,774	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
182,350	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
15	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
14	EA	ADJUSTMENT OF MANHOLES
22	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
91,528	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
61,277	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
188	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
226	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
4,963	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
805	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
42	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
78	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
311,186	LF	PAINT PAVEMENT MARKING LINES (4")
4.87	ACR	SEEDING & MULCHING
3.7	ACR	RESIDENTIAL SEEDING
20	LF	UNPAVED TRENCHING (*****) (1, 2")
1	EA	JUNCTION BOX (*****) (STANDARD)
3,500	LF	INDUCTIVE LOOP SAWCUT
20	LF	LEAD-IN CABLE (*****) (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 013

CONTRACT ID : C201959 7CR.10011.13

DIV OFFICE GREENSBORO

LENGTH = 23.223 MI

COUNTY : ALAMANCE, ORANGE

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

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

2 SECTIONS OF NC-49, 1 SECTION OF NC-62 &amp; 8 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,291	TON	INCIDENTAL STONE BASE
26.58	SMI	SHOULDER RECONSTRUCTION
360	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
829	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
2,314	SY	INCIDENTAL MILLING
3,361	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,535	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
15,026	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,694	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
204,559	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
12	EA	ADJUSTMENT OF MANHOLES
17	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
91,730	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
78,119	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
995	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
362	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
534	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
570,720	LF	PAINT PAVEMENT MARKING LINES (4")
5.73	ACR	SEEDING & MULCHING
4.41	ACR	RESIDENTIAL SEEDING
50	LF	UNPAVED TRENCHING (*****) (1, 2")
650	LF	INDUCTIVE LOOP SAWCUT
50	LF	LEAD-IN CABLE (*****) (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 014

CONTRACT ID : C201787 33276.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.189 MI

COUNTY : CHATHAM

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : NOV 15 2008

BRIDGE OVER FERRELL'S CREEK AND APPROACHES ON SR-1525.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+35.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
136	LF	15" SIDE DRAIN PIPE
32	LF	18" SIDE DRAIN PIPE
148	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
8	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
98	LF	PIPE REMOVAL
30	TON	INCIDENTAL STONE BASE
480	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
325	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
380	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
61	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
18	EA	RIGHT OF WAY MARKERS
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH GRATE, STD 840.29
550	LF	SHOULDER BERM GUTTER
675	LF	STEEL BM GUARDRAIL
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
38	TON	RIP RAP, CLASS B
859	SY	FILTER FABRIC FOR DRAINAGE
372	SF	WORK ZONE SIGNS (STATIONARY)
131	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
7,200	LF	PAINT PAVEMENT MARKING LINES (4")
11	EA	PERMANENT RAISED PAVEMENT MARKERS
1,000	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
145	TON	STONE FOR EROSION CONTROL, CLASS B
330	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
140	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
360	LF	SAFETY FENCE
735	CY	SILT EXCAVATION
570	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
550	SY	PERMANENT SOIL REINFORCEMENT MAT
80	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
255	LF	COIR FIBER BAFFLES

4	EA	*** SKIMMER (1-1/2")
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

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+35.00 -L-)
192	LF	3'-6" DIA DRILLED PIERS IN SOIL
18	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
6	EA	SID INSPECTION
6	EA	SPT TESTING
2	EA	CROSSHOLE SONIC LOGGING
3,443	CY	UNCLASSIFIED STRUCTURE EXCAVATION (13+35.00 -L-)
4,897	SF	REINFORCED CONCRETE DECK SLAB
4,846	SF	GROOVING BRIDGE FLOORS
108.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+35.00 -L-)
34,196	LB	REINFORCING STEEL (BRIDGE)
5,848	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
552.67	LF	45" PRESTRESSED CONCRETE GIRDDERS
595	LF	HP12X53 STEEL PILES
266.65	LF	TWO BAR METAL RAIL
283	LF	1'-***X ***** CONCRETE PARAPET (1'-0 x 2'-6" )
651	TON	RIP RAP CLASS II (2'-0" THICK)
724	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 015

CONTRACT ID : C201985 8CR.10621.8

DIV OFFICE ABERDEEN

LENGTH = 34.570 MI

COUNTY : MONTGOMERY

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

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

1 SECTION OF US-220 NB, 6 SECTIONS OF NC-24/27, 2 SECTIONS OF NC-109 &amp; 3 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,015	TON	INCIDENTAL STONE BASE
47.16	SMI	SHOULDER RECONSTRUCTION
51,110	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
46,525	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
1,000	SY	INCIDENTAL MILLING
23,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
12,180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,500	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,743	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
731	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
140	TON	PATCHING EXISTING PAVEMENT
56	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
5	EA	CONCRETE WHEELCHAIR RAMPS
18	EA	ADJUSTMENT OF MANHOLES
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
196,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
190,025	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
560	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
490	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
111	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
234,975	LF	PAINT PAVEMENT MARKING LINES (4")
2,027	EA	PERMANENT RAISED PAVEMENT MARKERS
34.4	ACR	SEEDING & MULCHING
1,100	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 016

CONTRACT ID : C201986 8CR.10771.8

DIV OFFICE ABERDEEN

LENGTH = 26.060 MI

COUNTY : RICHMOND

WIDENING, MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 31 2008

3 SECTIONS OF US-220, 1 SECTION OF NC-73, 1 SECTION OF NC-177 &amp; 12 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
1,220	TON	MOBILIZATION
47.69	SMI	INCIDENTAL STONE BASE
146,620	SY	SHOULDER RECONSTRUCTION
		MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(2-1/2")
5,150	SY	MILLING ASPHALT PAVEMENT, ****
		TO ***** DEPTH
		(0" TO 1-1/2")
1,440	SY	MILLING ASPHALT PAVEMENT, ****
		TO ***** DEPTH
		(2-1/2" TO 4")
1,800	SY	INCIDENTAL MILLING
1,320	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
22,086	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE 119.0C
17,655	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
14,625	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C
8,210	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
2,687	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 64-22
877	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 70-22
1,080	TON	PATCHING EXISTING PAVEMENT
110	LF	2'-6" CONCRETE CURB & GUTTER
6	EA	RETROFIT EXISTING WHEELCHAIR
		RAMPS
7	EA	CONCRETE WHEELCHAIR RAMPS
47	EA	ADJUSTMENT OF MANHOLES
34	EA	ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
10	EA	CONVERT EXISTING CATCH BASIN
		TO DROP INLET
218,256	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
148,579	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
3,335	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 90 MILS)
450	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (16", 120 MILS)
909	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
56	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
288	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
275,280	LF	PAINT PAVEMENT MARKING LINES
		(4")
1,365	EA	PERMANENT RAISED PAVEMENT
		MARKERS
605	EA	SNOWPLOWABLE PAVEMENT MARKERS
35.19	ACR	SEEDING & MULCHING
200	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 017

CONTRACT ID : C201987 8CR.10831.8

DIV OFFICE ABERDEEN

LENGTH = 10.070 MI

COUNTY : SCOTLAND

WIDENING, MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

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

US-401 BUS FROM US-74 BUS TO US-501 BUS &amp; 12 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
440	TON	INCIDENTAL STONE BASE
13.16	SMI	SHOULDER RECONSTRUCTION
16,150	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,300	SY	INCIDENTAL MILLING
1,275	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,430	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,570	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
913	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
305	TON	PATCHING EXISTING PAVEMENT
915	LF	2'-6" CONCRETE CURB & GUTTER
60	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
13	EA	ADJUSTMENT OF CATCH BASINS
2	EA	ADJUSTMENT OF DROP INLETS
76	EA	ADJUSTMENT OF MANHOLES
34	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
35,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
37,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
515	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
30	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
196,249	LF	PAINT PAVEMENT MARKING LINES (4")
90	LF	PAINT PAVEMENT MARKING LINES (8")
835	EA	PERMANENT RAISED PAVEMENT MARKERS
9.55	ACR	SEEDING & MULCHING
1,500	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 018

CONTRACT ID : C201756 33456.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.341 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER ABBOTT'S CREEK AND APPROACHES ON SR-1741 IN THOMASVILLE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+38.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
450	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZATION
470	CY	DRAINAGE DITCH EXCAVATION
5,000	CY	SELECT GRANULAR MATERIAL
5,000	SY	FABRIC FOR SOIL STABILIZATION
420	SF	TEMPORARY SHORING
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
20	LF	18" SIDE DRAIN PIPE
36	LF	15" RC PIPE CULVERTS, CLASS III
56	LF	18" RC PIPE CULVERTS, CLASS III
24	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
196	LF	PIPE REMOVAL
20	TON	#57 STONE
1,250	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
925	GAL	PRIME COAT
50	SY	INCIDENTAL MILLING
930	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
830	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
1,630	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
180	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
16	EA	RIGHT OF WAY MARKERS
0.9	CY	PIPE COLLARS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH GRATE, STD 840.29
33	LF	SHOULDER BERM GUTTER
2,400	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
1,350	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
1,040	LF	** STRAND BARBED WIRE FENCE WITH POSTS (6)
40	TON	RIP RAP, CLASS B
45	TON	BOULDERS
425	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
349	SF	WORK ZONE SIGNS (STATIONARY)
112	SF	WORK ZONE SIGNS (PORTABLE)
126	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
35	EA	CONES
80	LF	BARRICADES (TYPE III)
624	HR	FLAGGER
1	EA	TMA
112	EA	TEMPORARY RAISED PAVEMENT MARKERS

25,136	LF	PAINT PAVEMENT MARKING LINES (4")
7,200	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
23	EA	PERMANENT RAISED PAVEMENT MARKERS
950	LF	TEMPORARY SILT FENCE
160	TON	STONE FOR EROSION CONTROL, CLASS A
490	TON	STONE FOR EROSION CONTROL, CLASS B
355	TON	SEDIMENT CONTROL STONE
6.5	ACR	TEMPORARY MULCHING
250	LB	SEED FOR TEMPORARY SEEDING
1	TON	FERTILIZER FOR TEMPORARY SEEDING
602	LF	TEMPORARY SLOPE DRAINS
8	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
510	LF	SAFETY FENCE
1,745	CY	SILT EXCAVATION
1,800	SY	MATTING FOR EROSION CONTROL
40	SY	COIR FIBER MAT
800	SY	PERMANENT SOIL REINFORCEMENT MAT
580	LF	1/4" HARDWARE CLOTH
225	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
2	EA	*** SKIMMER (2")
8	ACR	SEEDING & MULCHING
4	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
150	LB	SEED FOR SUPPLEMENTAL SEEDING
5.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.3	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (24+38.00-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+38.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+38.00-L-)
850	CY	UNCLASSIFIED STRUCTURE EXCAVATION
6,055	SF	REINFORCED CONCRETE DECK SLAB
6,918	SF	GROOVING BRIDGE FLOORS
40.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+38.00-L-)
8,256	LB	REINFORCING STEEL (BRIDGE)
192,200	LS	APPROX ..... LBS STRUCTURAL STEEL
900	LF	HP12X53 STEEL PILES
276.55	LF	CONCRETE BARRIER RAIL
663	TON	RIP RAP CLASS II (2'-0" THICK)
737	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 019

CONTRACT ID : C201757 33457.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.180 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : NOV 15 2008

BRIDGE OVER SPURGEON CREEK AND APPROACHES ON SR-1741 (WALBURG-HIGH POINT RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+07.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
1,000	CY	UNDERCUT EXCAVATION
1,000	TON	CLASS IV SUBGRADE STABILIZA- TION
30	CY	DRAINAGE DITCH EXCAVATION
1,500	CY	SELECT GRANULAR MATERIAL
2,000	SY	FABRIC FOR SOIL STABILIZATION
200	SF	TEMPORARY SHORING
20	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
20	LF	15" SIDE DRAIN PIPE
76	LF	18" RC PIPE CULVERTS, CLASS III
64	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
96	LF	PIPE REMOVAL
811	TON	AGGREGATE BASE COURSE
20	TON	INCIDENTAL STONE BASE
630	GAL	PRIME COAT
50	SY	INCIDENTAL MILLING
300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
230	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
690	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
70	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
10	EA	RIGHT OF WAY MARKERS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
24	LF	SHOULDER BERM GUTTER
10	SY	6" CONCRETE DRIVEWAY
875	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
575	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
165	LF	GENERIC FENCING ITEM WOOD RAIL FENCE RESET
10	TON	RIP RAP, CLASS I
120	TON	RIP RAP, CLASS II
5	TON	RIP RAP, CLASS B
520	SY	FILTER FABRIC FOR DRAINAGE
160	SF	WORK ZONE SIGNS (STATIONARY)
112	SF	WORK ZONE SIGNS (PORTABLE)
52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	CHANGEABLE MESSAGE SIGN
30	EA	DRUMS
30	EA	CONES
48	LF	BARRICADES (TYPE III)
512	HR	FLAGGER
1	EA	TMIA
68	EA	TEMPORARY RAISED PAVEMENT MARKERS

14,616	LF	PAINT PAVEMENT MARKING LINES (4")
3,800	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
12	EA	PERMANENT RAISED PAVEMENT MARKERS
118	LF	8" WATER LINE
146	LF	ABANDON 8" UTILITY PIPE
2,000	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
210	TON	STONE FOR EROSION CONTROL, CLASS B
65	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
100	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
540	CY	SILT EXCAVATION
900	SY	MATTING FOR EROSION CONTROL
40	SY	COIR FIBER MAT
25	LF	1/4" HARDWARE CLOTH
125	LF	COIR FIBER BAFFLES
5	EA	*** SKIMMER (1-1/2")
3	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.25	TON	FERTILIZER TOPDRESSING
4.5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (22+07.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+07.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (22+07.50-L-)
46.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+07.50-L-)
7,408	LB	REINFORCING STEEL (BRIDGE)
850	LF	HP12X53 STEEL PILES
165.33	LF	CONCRETE BARRIER RAIL
191	TON	RIP RAP CLASS II (2'-0" THICK)
213	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,240	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 020

CONTRACT ID : C201758 33460.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.256 MI

COUNTY : DAVIE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : JUN 15 2009

BRIDGE OVER FULTON CREEK AND APPROACHES ON NC-801.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+71.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
350	CY	UNDERCUT EXCAVATION
60	CY	DRAINAGE DITCH EXCAVATION
350	CY	SELECT GRANULAR MATERIAL
1,000	SY	FABRIC FOR SOIL STABILIZATION
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
132	LF	15" SIDE DRAIN PIPE
200	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
6	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
72	LF	PIPE REMOVAL
160	TON	AGGREGATE BASE COURSE
90	TON	INCIDENTAL STONE BASE
110	GAL	PRIME COAT
570	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
420	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
840	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
100	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5	EA	RIGHT OF WAY MARKERS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
52	LF	SHOULDER BERM GUTTER
550	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
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
10	TON	RIP RAP, CLASS I
95	TON	RIP RAP, CLASS B
875	SY	FILTER FABRIC FOR DRAINAGE
80	SF	WORK ZONE SIGNS (STATIONARY)
112	SF	WORK ZONE SIGNS (PORTABLE)
52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	DRUMS
30	EA	CONES
48	LF	BARRICADES (TYPE III)
400	HR	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
2	EA	RESET TEMPORARY CRASH CUSHIONS
1	EA	TMIA
760	LF	PORTABLE CONCRETE BARRIER
68	EA	TEMPORARY RAISED PAVEMENT MARKERS
18,900	LF	PAINT PAVEMENT MARKING LINES (4")
5,400	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
17	EA	PERMANENT RAISED PAVEMENT MARKERS
1,720	LF	TEMPORARY SILT FENCE
185	TON	STONE FOR EROSION CONTROL, CLASS A
630	TON	STONE FOR EROSION CONTROL, CLASS B
380	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING

50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
120	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
1,915	CY	SILT EXCAVATION
770	SY	MATTING FOR EROSION CONTROL
645	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
450	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
1.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.4	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+71.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+71.50-L-)
29.5	LF	3'-6" DIA DRILLED PIERS IN SOIL
22	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
26.4	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (20+71.50-L-)
5,463	SF	REINFORCED CONCRETE DECK SLAB
5,466	SF	GROOVING BRIDGE FLOORS
108.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+71.50-L-)
23,073	LB	REINFORCING STEEL (BRIDGE)
2,757	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
563.33	LF	45" PRESTRESSED CONCRETE GIRDERS
400	LF	HP12X53 STEEL PILES
285.83	LF	CONCRETE BARRIER RAIL
835	TON	RIP RAP CLASS II (2'-0" THICK)
925	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

L080115 021

CONTRACT ID : C201759 33467.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.152 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER MUDDY CREEK AND APPROACHES ON SR-1631.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+57)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
64	LF	15" RC PIPE CULVERTS, CLASS III
16	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
50	LF	PIPE REMOVAL
60	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
220	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
140	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
350	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.22
1	EA	FRAME WITH TWO GRATES, STD 840.29
38	LF	SHOULDER BERM GUTTER
362.5	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
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
30	TON	RIP RAP, CLASS B
200	SY	FILTER FABRIC FOR DRAINAGE
39	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
150	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
6	EA	SIGN ERECTION, TYPE E
10	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
349	SF	WORK ZONE SIGNS (STATIONARY)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
2,800	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
9	EA	SNOWPLOWABLE PAVEMENT MARKERS
685	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
115	TON	STONE FOR EROSION CONTROL, CLASS B
35	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	SAFETY FENCE
315	CY	SILT EXCAVATION
400	SY	MATTING FOR EROSION CONTROL
220	SY	PERMANENT SOIL REINFORCEMENT MAT

20	LF	1/4" HARDWARE CLOTH
90	LF	COIR FIBER BAFFLES
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

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+57.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+57.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+57.00-L-)
50.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+57.00-L-)
6,930	LB	REINFORCING STEEL (BRIDGE)
540	LF	HP12X53 STEEL PILES
195.17	LF	CONCRETE BARRIER RAIL
381	TON	RIP RAP CLASS II (2'-0" THICK)
423	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,073.42	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

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

L080115 022

CONTRACT ID : C201622 34813.3.3

DIV OFFICE ALBEMARLE

LENGTH = 3.535 MI

COUNTY : MECKLENBURG, UNION

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS &amp; STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : NOV 15 2010

NC-16 FROM SOUTH OF SR-2948 IN UNION COUNTY TO SOUTH OF I-485 IN MECKLENBURG COUNTY.

ROADWAY ITEMS				
		3,150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
		29,400	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS MOBILIZATION	3,150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS CONSTRUCTION SURVEYING	31,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
33	MO FIELD OFFICE	3,085	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS CLEARING & GRUBBING .. ACRE(S)	1,890	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
3	ACR SUPPLEMENTARY CLEARING & GRUBBING	1,050	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
51,000	CY UNCLASSIFIED EXCAVATION	336	CY	SUBDRAIN EXCAVATION
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (124+82.50-L-)	168	CY	SUBDRAIN FINE AGGREGATE
28,500	CY UNDERCUT EXCAVATION	1,000	LF	6" PERFORATED SUBDRAIN PIPE
3,000	TON CLASS IV SUBGRADE STABILIZATION	30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
132,000	CY BORROW EXCAVATION	12	LF	6" OUTLET PIPE (SUBDRAINS)
5,500	CY DRAINAGE DITCH EXCAVATION	2	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
2,400	LF BERM DITCH CONSTRUCTION	20	TON	BLOTTING SAND
15,750	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	12	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
100	SY BREAKING OF EXISTING ASPHALT PAVEMENT	4	CY	ENDWALLS
30	HR PROOF ROLLING	12.1	CY	REINFORCED ENDWALLS
10,000	CY SELECT GRANULAR MATERIAL	3.009	CY	PIPE COLLARS
10,000	SY FABRIC FOR SOIL STABILIZATION	1.573	CY	PIPE PLUGS
2,161	SF TEMPORARY SHORING	202	EA	MASONRY DRAINAGE STRUCTURES
50	TON GENERIC GRADING ITEM EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	9.303	CY	MASONRY DRAINAGE STRUCTURES
2,484	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	86	LF	MASONRY DRAINAGE STRUCTURES
144	LF 15" SIDE DRAIN PIPE	27	EA	FRAME WITH GRATE, STD 840.***** (840.16)
24	LF 18" SIDE DRAIN PIPE	7	EA	FRAME WITH TWO GRATES, STD 840.22
10,992	LF 15" RC PIPE CULVERTS, CLASS III	5	EA	FRAME WITH TWO GRATES, STD 840.24
2,224	LF 18" RC PIPE CULVERTS, CLASS III	39	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2,090	LF 24" RC PIPE CULVERTS, CLASS III	60	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
704	LF 30" RC PIPE CULVERTS, CLASS III	62	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
248	LF 36" RC PIPE CULVERTS, CLASS III	2	EA	FRAME WITH COVER, STD 840.54
164	LF 54" RC PIPE CULVERTS, CLASS III	230	LF	***X*** CONCRETE CURB (8" X 18")
16	LF 66" RC PIPE CULVERTS, CLASS III	21,900	LF	1'-6" CONCRETE CURB & GUTTER
148	LF 72" RC PIPE CULVERTS, CLASS III	37,080	LF	2'-6" CONCRETE CURB & GUTTER
180	LF 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	19,090	SY	4" CONCRETE SIDEWALK
56	LF 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	70	EA	CONCRETE WHEELCHAIR RAMPS
24	LF 24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	380	SY	6" CONCRETE DRIVEWAY
3	EA 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	70	SY	4" CONCRETE PAVED DITCH
2	EA 18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	6,020	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1	EA 24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	1,712.5	LF	STEEL BM GUARDRAIL
2,720	LF PIPE REMOVAL	5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
Lump Sum	LS FINE GRADING	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
65,580	SY LIME TREATED SOIL (SLURRY METHOD)	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
660	TON LIME FOR LIME TREATED SOIL	860	LF	REMOVE EXISTING GUARDRAIL
1,000	TON AGGREGATE BASE COURSE	410	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (60")
21,860	SY SOIL CEMENT BASE	34	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (60")
602	TON PORTLAND CEMENT FOR SOIL CEMENT BASE	2	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60")
40	TON AGGREGATE FOR SOIL CEMENT BASE	130	TON	RIP RAP, CLASS I
13,290	GAL ASPHALT CURING SEAL	110	TON	RIP RAP, CLASS B
1,200	SY INCIDENTAL MILLING	4,030	SY	FILTER FABRIC FOR DRAINAGE
3,420	TON ASPHALT CONC BASE COURSE, TYPE B25.0B			
31,710	TON ASPHALT CONC BASE COURSE, TYPE B25.0C			



		7	EA	16" VALVE		
		2	EA	24" VALVE		
		5	EA	12" TAPPING VALVE		
		7	EA	24" TAPPING VALVE		
		2	EA	2" BLOW OFF		
		21	EA	RELOCATE WATER METER		
		11	EA	RELOCATE FIRE HYDRANT		
		5	EA	12" LINE STOP		
		3	EA	16" LINE STOP		
		7	EA	24" LINE STOP		
		529	LF	2" FORCE MAIN SEWER		
		2	EA	4' DIA UTILITY MANHOLE		
		1,955	LF	ABANDON 12" UTILITY PIPE		
		65	LF	ABANDON 16" UTILITY PIPE		
		1,295	LF	ABANDON 24" UTILITY PIPE		
		55	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL		
		1	EA	GENERIC UTILITY ITEM ADJUSTMENT OF WATER VAULT		
		1	EA	GENERIC UTILITY ITEM RELOCATE WATER VAULT		
		15,500	LF	TEMPORARY SILT FENCE		
		1,975	TON	STONE FOR EROSION CONTROL, CLASS A		
		3,340	TON	STONE FOR EROSION CONTROL, CLASS B		
		4,570	TON	SEDIMENT CONTROL STONE		
		38.5	ACR	TEMPORARY MULCHING		
		1,400	LB	SEED FOR TEMPORARY SEEDING		
		5.5	TON	FERTILIZER FOR TEMPORARY SEEDING		
		950	LF	TEMPORARY SLOPE DRAINS		
		18	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS		
		400	LF	SAFETY FENCE		
		24,000	CY	SILT EXCAVATION		
		14,650	SY	MATting FOR EROSION CONTROL		
		250	SY	COIR FIBER MAT		
		1,220	SY	PERMANENT SOIL REINFORCEMENT MAT		
		5,400	LF	1/4" HARDWARE CLOTH		
		24	EA	SPECIAL STILLING BASINS		
		2,500	LF	COIR FIBER BAFFLES		
		17	EA	*** SKIMMER (1-1/2")		
		11	EA	*** SKIMMER (2")		
		5	EA	*** SKIMMER (2-1/2")		
		1	EA	*** SKIMMER (3")		
		44	ACR	SEEDING & MULCHING		
		23	ACR	MOWING		
		350	LB	SEED FOR REPAIR SEEDING		
		0.75	TON	FERTILIZER FOR REPAIR SEEDING		
		925	LB	SEED FOR SUPPLEMENTAL SEEDING		
		32.75	TON	FERTILIZER TOPDRESSING		
		375	LF	IMPERVIOUS DIKE		
		2	HR	SPECIALIZED HAND MOWING		
		36	EA	RESPONSE FOR EROSION CONTROL		
		8	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION W/COUNTDOWN)		
		7,770	LF	SIGNAL CABLE		
		30	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)		
		2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)		
		7	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)		
		10	EA	RELOCATE EXISTING VEHICLE SIGNAL HEAD		
		16,880	LF	MESSENGER CABLE (1/4")		
		2,180	LF	MESSENGER CABLE (3/8")		
		1,460	LF	TRACER WIRE		
		190	LF	PAVED TRENCHING (***** (1 CONDUIT, 2"))		
		3,455	LF	UNPAVED TRENCHING (***** (1 CONDUIT, 2"))		
		245	LF	DIRECTIONAL DRILL (***** (1 CONDUIT, 2"))		
		21	EA	JUNCTION BOX (STANDARD SIZE)		
		7	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)		
		12	EA	WOOD POLE		
		50	EA	GUY ASSEMBLY		
		3	EA	1" RISER WITH WEATHERHEAD		
		16	EA	2" RISER WITH WEATHERHEAD		
		4	EA	2" RISER WITH HEAT SHRINK TUBING		
		10,960	LF	INDUCTIVE LOOP SAWCUT		
7	EA			PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON		
3,561	LF			SUPPORTS, 3-LB STEEL U-CHANNEL		
7	EA			SIGN ERECTION, TYPE D		
195	EA			SIGN ERECTION, TYPE E		
19	EA			SIGN ERECTION, TYPE F		
11	EA			SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)		
5	EA			SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)		
1	EA			DISPOSAL OF SIGN SYSTEM, STEEL BEAM		
96	EA			DISPOSAL OF SIGN SYSTEM, U-CHANNEL		
16	EA			DISPOSAL OF SUPPORT, U-CHANNEL		
1	EA			DISPOSAL OF SIGN, D, E OR F		
2,012	SF			WORK ZONE SIGNS (STATIONARY)		
928	SF			WORK ZONE SIGNS (PORTABLE)		
200	SF			WORK ZONE SIGNS (BARRICADE MOUNTED)		
2	EA			FLASHING ARROW PANELS, TYPE C		
5	EA			CHANGEABLE MESSAGE SIGN		
700	EA			DRUMS		
140	EA			CONES		
480	LF			BARRICADES (TYPE III)		
7,200	HR			FLAGGER		
4	EA			TEMPORARY CRASH CUSHIONS		
2	EA			RESET TEMPORARY CRASH CUSHIONS		
2	EA			TMIA		
810	LF			PORTABLE CONCRETE BARRIER		
110	LF			PORTABLE CONCRETE BARRIER (ANCHORED)		
270	LF			PORTABLE CONCRETE BARRIER (DRAINAGE)		
70	LF			RESET PORTABLE CONCRETE BARRIER		
30	LF			RESET PORTABLE CONCRETE BARRIER (DRAINAGE)		
1,832	LF			WATER FILLED BARRIER		
4,053	LF			RESET WATER FILLED BARRIER		
600	HR			POLICE		
260	EA			SKINNY DRUM		
2,070	EA			TEMPORARY RAISED PAVEMENT MARKERS		
530	LF			COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)		
495,000	LF			PAINT PAVEMENT MARKING LINES (4")		
8,400	LF			PAINT PAVEMENT MARKING LINES (8")		
4,950	LF			PAINT PAVEMENT MARKING LINES (24")		
32	EA			PAINT PAVEMENT MARKING CHARACTER		
600	EA			PAINT PAVEMENT MARKING SYMBOL		
59,070	LF			POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)		
7,270	LF			POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)		
1,340	LF			POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)		
36	EA			POLYUREA PAVEMENT MARKING CHARACTER (*****) (STANDARD GLASS BEADS)		
248	EA			POLYUREA PAVEMENT MARKING SYMBOL (*****) (STANDARD GLASS BEADS)		
6,600	LF			REMOVAL OF PAVEMENT MARKING LINES (4")		
1,050	LF			REMOVAL OF PAVEMENT MARKING LINES (8")		
450	LF			REMOVAL OF PAVEMENT MARKING LINES (24")		
42	EA			REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS		
1,495	EA			PERMANENT RAISED PAVEMENT MARKERS		
Lump Sum	LS			PORTABLE LIGHTING		
35	LF			6" WATER LINE		
142	LF			8" WATER LINE		
2,212	LF			12" WATER LINE		
7,643	LF			16" WATER LINE		
1,847	LF			24" WATER LINE		
2	EA			8" VALVE		
3	EA			12" VALVE		

14,960	LF	LEAD-IN CABLE (***** (18-2)
500	LF	LEAD-IN CABLE (***** (18-4)
20,075	LF	COMMUNICATIONS CABLE (**FIBER) (24)
905	LF	DROP CABLE
8	EA	SPLICE ENCLOSURE
3	EA	INTERCONNECT CENTER
3	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
7	EA	DELINEATOR MARKER
1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
Lump Sum	LS	FIBER-OPTIC TRAINING
10	EA	SIGN FOR SIGNALS
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
31	EA	DETECTOR CARD (TYPE 2070L)
3	EA	CABINET BASE EXTENDER
1	EA	GENERIC SIGNAL ITEM DAIL-UP MODEM
1	EA	GENERIC SIGNAL ITEM TELEPHONE DEMARCATION ASSEMBLY

### WALL ITEMS

3,920	SF	GRAVITY RETAINING WALLS
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### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (124+82.50 -L)
115.4	LF	3'-6" DIA DRILLED PIERS IN SOIL
56	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
104.1	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	SPT TESTING
2	EA	CROSSHOLE SONIC LOGGING
645	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
7,495	SF	CONCRETE WEARING SURFACE
10,686	SF	GROOVING BRIDGE FLOORS
83.1	CY	CLASS AA CONCRETE (BRIDGE)
190.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (124+82.50 -L-)
45,011	LB	REINFORCING STEEL (BRIDGE)
2,487	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
5,864	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
840	LF	HP12X53 STEEL PILES
189.39	LF	THREE BAR METAL RAIL
776	TON	RIP RAP CLASS II (2'-0" THICK)
860	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
3,070	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 023

CONTRACT ID : C201602 33271.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.219 MI

COUNTY : CALDWELL

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER LOST COVE CREEK AND APPROACHES ON NC-90.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+69.500-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
85	CY	DRAINAGE DITCH EXCAVATION
270	SF	TEMPORARY SHORING
45	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
20	LF	15" SIDE DRAIN PIPE
2	EA	*** PIPE END SECTION (15")
1	EA	*** PIPE END SECTION (24")
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
36	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
642	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
385	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
53	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
30	EA	RIGHT OF WAY MARKERS
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.22
1	EA	FRAME WITH COVER, STD 840.54
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
30	LF	SHOULDER BERM GUTTER
137.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
18	TON	RIP RAP, CLASS B
240	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
37.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
6	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
110	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
6	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, TYPE F
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
109	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	DRUMS
50	EA	CONES
48	LF	BARRICADES (TYPE III)
750	HR	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
2	EA	TMIA
170	LF	PORTABLE CONCRETE BARRIER
50	EA	SKINNY DRUM
10,074	LF	PAINT PAVEMENT MARKING LINES (4")

84	LF	PAINT PAVEMENT MARKING LINES (24")
5,037	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
42	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
82	EA	PERMANENT RAISED PAVEMENT MARKERS
750	LF	TEMPORARY SILT FENCE
105	TON	STONE FOR EROSION CONTROL, CLASS A
155	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	SAFETY FENCE
665	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
40	SY	COIR FIBER MAT
40	LF	1/4" HARDWARE CLOTH
170	LF	COIR FIBER BAFFLES
5	EA	*** SKIMMER (1-1/2")
1	EA	*** SKIMMER (2")
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) \*\*\*\*\*

208	LF	15" RC PIPE CULVERTS, CLASS III
172	LF	24" RC PIPE CULVERTS, CLASS III
		*** OR ***
116	LF	24" RC PIPE CULVERTS, CLASS III
208	LF	***" HDPE PIPE CULVERTS (15")
56	LF	***" HDPE PIPE CULVERTS (24")
		*** OR ***
116	LF	24" RC PIPE CULVERTS, CLASS III
208	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15")
56	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24")

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

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+69.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+69.50-L-)
3,270	SF	REINFORCED CONCRETE DECK SLAB
3,089	SF	GROOVING BRIDGE FLOORS

27.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+69.50-L-)
5,014	LB	REINFORCING STEEL (BRIDGE)
128,700	LS	APPROX ..... LBS STRUCTURAL STEEL
240	LF	HP12X53 STEEL PILES
236.67	LF	CONCRETE BARRIER RAIL
202	TON	RIP RAP CLASS II (2'-0" THICK)
223	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 024

CONTRACT ID : C201733 33419.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.125 MI

COUNTY : CALDWELL

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER YADKIN RIVER AND APPROACHES ON SR-1517.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	2	EA	TEMPORARY CRASH CUSHIONS
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	TMIA
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+46.00)	200	LF	PORTABLE CONCRETE BARRIER
Lump Sum	LS	GRADING	60	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	32	EA	SKINNY DRUM
1	CY	UNDERCUT EXCAVATION	83	EA	TEMPORARY RAISED PAVEMENT MARKERS
10	TON	CLASS IV SUBGRADE STABILIZATION	480	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
70	CY	DRAINAGE DITCH EXCAVATION	12,413	LF	PAINT PAVEMENT MARKING LINES (4")
10	CY	SELECT GRANULAR MATERIAL	80	LF	PAINT PAVEMENT MARKING LINES (24")
10	SY	FABRIC FOR SOIL STABILIZATION	255	LF	8" WATER LINE
424	SF	TEMPORARY SHORING	1	EA	8" VALVE
25	CY	GENERIC GRADING ITEM EXCAVATION & STOCKPILING OF CONTAMINATED SOIL	203	LF	12" SANITARY GRAVITY SEWER
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2	EA	4' DIA UTILITY MANHOLE
148	LF	15" SIDE DRAIN PIPE	1	EA	ABANDON UTILITY MANHOLE
28	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	1	EA	GENERIC UTILITY ITEM VALVE POST INDICATOR
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	700	LF	TEMPORARY SILT FENCE
40	LF	PIPE REMOVAL	150	TON	STONE FOR EROSION CONTROL, CLASS A
100	TON	INCIDENTAL STONE BASE	225	TON	STONE FOR EROSION CONTROL, CLASS B
279	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	200	TON	SEDIMENT CONTROL STONE
315	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	1.5	ACR	TEMPORARY MULCHING
35	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	50	LB	SEED FOR TEMPORARY SEEDING
12	EA	RIGHT OF WAY MARKERS	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
12	CY	SUBDRAIN EXCAVATION	15	LF	TEMPORARY SLOPE DRAINS
9	CY	SUBDRAIN FINE AGGREGATE	225	LF	SAFETY FENCE
50	LF	6" PERFORATED SUBDRAIN PIPE	555	CY	SILT EXCAVATION
2	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	1,200	SY	MATTING FOR EROSION CONTROL
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	20	SY	COIR FIBER MAT
6	LF	6" OUTLET PIPE (SUBDRAINS)	80	LF	1/4" HARDWARE CLOTH
2	EA	MASONRY DRAINAGE STRUCTURES	4	EA	SPECIAL STILLING BASINS
1	EA	FRAME WITH TWO GRATES, STD 840.16	55	LF	COIR FIBER BAFFLES
1	EA	FRAME WITH TWO GRATES, STD 840.29	2	EA	*** SKIMMER (1-1/2")
14	LF	SHOULDER BERM GUTTER	1.5	ACR	SEEDING & MULCHING
100	SY	6" CONCRETE DRIVEWAY	1	ACR	MOWING
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	50	LB	SEED FOR REPAIR SEEDING
112.5	LF	STEEL BM GUARDRAIL	0.25	TON	FERTILIZER FOR REPAIR SEEDING
25	LF	STEEL BM GUARDRAIL, SHOP CURVED	50	LB	SEED FOR SUPPLEMENTAL SEEDING
5	EA	ADDITIONAL GUARDRAIL POSTS	1	TON	FERTILIZER TOPDRESSING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2	HR	SPECIALIZED HAND MOWING
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	16	EA	RESPONSE FOR EROSION CONTROL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	0.15	ACR	REFORESTATION
200	LF	WOVEN WIRE FENCE, 47" FABRIC	***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
15	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	16	LF	15" RC PIPE CULVERTS, CLASS III
10	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	*** OR ***		
20	TON	RIP RAP, CLASS B	16	LF	**** HDPE PIPE CULVERTS (15")
415	SY	FILTER FABRIC FOR DRAINAGE	*** OR ***		
160	SF	WORK ZONE SIGNS (STATIONARY)	16	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")
176	SF	WORK ZONE SIGNS (PORTABLE)	*** END SCHEDULE AA ***		
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	<b>STRUCTURE ITEMS</b>		
45	EA	DRUMS	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (12+46.00-L-)
21	EA	CONES	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+46.00-L-)
32	LF	BARRICADES (TYPE III)			
1,920	HR	FLAGGER			

71.8	LF	3'-0" DIA DRILLED PIERS IN SOIL
29	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
29.8	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+46.00-L-)
2,900	SF	CONCRETE WEARING SURFACE
3,134	SF	GROOVING BRIDGE FLOORS
55.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+46.00-L-)
13,580	LB	REINFORCING STEEL (BRIDGE)
1,839	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
330	LF	HP12X53 STEEL PILES
6	EA	STEEL PILE POINTS
219.48	LF	ONE BAR METAL RAIL
117.6	LF	1'-***X ***** CONCRETE PARAPET (1'-0" X 2'-0")
170	TON	RIP RAP CLASS II (2'-0" THICK)
190	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,056	LF	3'-0" X 1'-9" PRESTRESSED CONCRETE CORED SLABS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 025

CONTRACT ID : C201907 37897

DIV OFFICE SHELBY

LENGTH = 0.980 MI

COUNTY : CATAWBA

GRADING, DRAINAGE &amp; PAVING.

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

NC-10 FROM BLACKBURN SCHOOL TO SR-1008.

		ROADWAY ITEMS			
				15,163	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
				205	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
				195	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS	MOBILIZATION		6	EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
Lump Sum	LS	CONSTRUCTION SURVEYING		19	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)		3,608	LF PAINT PAVEMENT MARKING LINES (4")
4,490	CY	UNCLASSIFIED EXCAVATION		50	LF PAINT PAVEMENT MARKING LINES (8")
200	CY	UNDERCUT EXCAVATION		11	LF PAINT PAVEMENT MARKING LINES (24")
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING		4	EA PAINT PAVEMENT MARKING SYMBOL
100	CY	BORROW EXCAVATION		169	EA SNOWPLOWABLE PAVEMENT MARKERS
2,395	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT		4,875	LF TEMPORARY SILT FENCE
310	SY	BREAKING OF EXISTING ASPHALT PAVEMENT		640	TON STONE FOR EROSION CONTROL, CLASS B
120	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		205	TON SEDIMENT CONTROL STONE
164	LF	15" SIDE DRAIN PIPE		3.5	ACR TEMPORARY MULCHING
16	LF	12" RC PIPE CULVERTS, CLASS III		150	LB SEED FOR TEMPORARY SEEDING
436	LF	15" RC PIPE CULVERTS, CLASS III		0.75	TON FERTILIZER FOR TEMPORARY SEEDING
304	LF	18" RC PIPE CULVERTS, CLASS III		75	LF SAFETY FENCE
196	LF	24" RC PIPE CULVERTS, CLASS III		720	CY SILT EXCAVATION
4	LF	42" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK		984	SY SYNTHETIC ROVING
424	LF	PIPE REMOVAL		492	SY MATTING FOR EROSION CONTROL
1	EA	PIPE CLEAN-OUT		240	LF 1/4" HARDWARE CLOTH
Lump Sum	LS	FINE GRADING		4	ACR SEEDING & MULCHING
60	TON	AGGREGATE BASE COURSE		2.5	ACR MOWING
150	TON	INCIDENTAL STONE BASE		100	LB SEED FOR REPAIR SEEDING
1	SMI	SHOULDER RECONSTRUCTION		0.5	TON FERTILIZER FOR REPAIR SEEDING
50	SY	INCIDENTAL MILLING		100	LB SEED FOR SUPPLEMENTAL SEEDING
3,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		2.75	TON FERTILIZER TOPDRESSING
3,560	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		14	EA RESPONSE FOR EROSION CONTROL
2,140	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
443	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
50	TON	PATCHING EXISTING PAVEMENT			
11	EA	RIGHT OF WAY MARKERS			
3,383	CY	PIPE COLLARS			
12	EA	MASONRY DRAINAGE STRUCTURES			
6.1	LF	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH GRATE, STD 840.**** (G)			
2	EA	FRAME WITH TWO GRATES, STD 840.22			
7	EA	FRAME WITH TWO GRATES, STD 840.29			
140	LF	1'-6" CONCRETE CURB & GUTTER			
200	LF	2'-6" CONCRETE CURB & GUTTER			
295	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
1,100	LF	STEEL BM GUARDRAIL			
50	LF	STEEL BM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
370	LF	WOVEN WIRE FENCE RESET			
30	TON	RIP RAP, CLASS I			
309	TON	RIP RAP, CLASS B			
954	SY	FILTER FABRIC FOR DRAINAGE			
684	SF	WORK ZONE SIGNS (STATIONARY)			
352	SF	WORK ZONE SIGNS (PORTABLE)			
96	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
223	EA	DRUMS			
336	LF	BARRICADES (TYPE III)			
1,000	HR	FLAGGER			
11,645	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 026

CONTRACT ID : C201989 12CR.10491.7

DIV OFFICE SHELBY

LENGTH = 27.600 MI

COUNTY : IREDELL

WIDENING, MILLING, RESURFACING, &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 15 2008

2 SECTIONS OF NC-115, 1 SECTION OF US-21, AND 6 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,590	TON	GENERIC GRADING ITEM ABC STONE (SHOULDER RECON- STRUCTION)
1,000	TON	INCIDENTAL STONE BASE
17.12	SMI	SHOULDER RECONSTRUCTION
3,082	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 3")
6,510	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (3" TO 10")
1,309	SY	INCIDENTAL MILLING
5,220	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
41,415	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,625	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
2,841	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,910	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF DROP INLETS
13	EA	ADJUSTMENT OF MANHOLES
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
150,533	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
92,334	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
374	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
42	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
95	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
494,211	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (8")
1,756	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 027

CONTRACT ID : C201754 33408.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.152 MI

COUNTY : BURKE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : AUG 01 2008

BRIDGE OVER CANOE CREEK & APPROACHES ON SR-1248.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+19.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
600	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
600	TON	CLASS IV SUBGRADE STABILIZA- TION
2,000	CY	BORROW EXCAVATION
350	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
100	LF	15" SIDE DRAIN PIPE
24	LF	18" SIDE DRAIN PIPE
48	LF	15" RC PIPE CULVERTS, CLASS III
120	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
296	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
350	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
10	EA	RIGHT OF WAY MARKERS
300	CY	SUBDRAIN EXCAVATION
220	CY	SUBDRAIN FINE AGGREGATE
1,300	LF	6" PERFORATED SUBDRAIN PIPE
39	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
3	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
18	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, 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
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
10	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
26	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
6	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
321	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	DRUMS
6	EA	CONES
80	LF	BARRICADES (TYPE III)
6,400	LF	PAINT PAVEMENT MARKING LINES (4")
925	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
230	TON	STONE FOR EROSION CONTROL, CLASS B
85	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING

0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	SAFETY FENCE
655	CY	SILT EXCAVATION
520	SY	MATTING FOR EROSION CONTROL
325	SY	PERMANENT SOIL REINFORCEMENT MAT
40	LF	1/4" HARDWARE CLOTH
240	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
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+19.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+19.00-L-)
32.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+19.00-L-)
5,215	LB	REINFORCING STEEL (BRIDGE)
425	LF	HP12X53 STEEL PILES
18	EA	STEEL PILE POINTS
171.6	LF	CONCRETE BARRIER RAIL
201	TON	RIP RAP CLASS II (2'-0" THICK)
223	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
942.33	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080115 028

CONTRACT ID : C201764 33667.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.056 MI

COUNTY : YANCEY

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER COLBERT CREEK AND APPROACHES ON SR-1158.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+42.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
50	CY	UNDERCUT EXCAVATION
50	TON	CLASS IV SUBGRADE STABILIZATION
50	CY	SELECT GRANULAR MATERIAL
50	SY	FABRIC FOR SOIL STABILIZATION
285	SF	TEMPORARY SHORING
8	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	18" SIDE DRAIN PIPE
40	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
123	TON	AGGREGATE BASE COURSE
25	TON	INCIDENTAL STONE BASE
135	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
80	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
11	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
7	EA	RIGHT OF WAY MARKERS
9	CY	SUBDRAIN EXCAVATION
9	CY	SUBDRAIN FINE AGGREGATE
50	LF	6" PERFORATED SUBDRAIN PIPE
2	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
25	LF	STEEL BM GUARDRAIL
100	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (RETROFIT)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
20	TON	RIP RAP, CLASS B
265	SY	FILTER FABRIC FOR DRAINAGE
162	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	DRUMS
10	EA	CONES
32	LF	BARRICADES (TYPE III)
60	MD	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
1	EA	TMIA
60	LF	PORTABLE CONCRETE BARRIER
80	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
300	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
250	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)

4,427	LF	PAINT PAVEMENT MARKING LINES (4")
600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
765	LF	TEMPORARY SILT FENCE
130	TON	STONE FOR EROSION CONTROL, CLASS A
135	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	SAFETY FENCE
380	CY	SILT EXCAVATION
170	SY	MATTING FOR EROSION CONTROL
135	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
120	LF	COIR FIBER BAFFLES
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
0.25	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 ***** (14+42.50-L-)
90	LF	PILE EXCAVATION IN SOIL
90	LF	PILE EXCAVATION NOT IN SOIL
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+42.50-L-)
2,478	SF	REINFORCED CONCRETE DECK SLAB
2,768	SF	GROOVING BRIDGE FLOORS
45.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+42.50-L-)
6,845	LB	REINFORCING STEEL (BRIDGE)
88,100	LS	APPROX ..... LBS STRUCTURAL STEEL
700	LF	HP12X53 STEEL PILES
165	LF	VERTICAL CONCRETE BARRIER RAIL
69	TON	RIP RAP CLASS II (2'-0" THICK)
92	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 029

CONTRACT ID : C201988 13CR.10811.5

DIV OFFICE ASHEVILLE

LENGTH = 20.860 MI

COUNTY : RUTHERFORD

MILLING, RESURFACING, ULTRATHIN HOT MIX &amp; SHOULDER RECONST.

DBE GOAL 4.0% COMPLETION DATE : SEP 30 2008

2 SECTIONS OF US-64/74A, 1 SECTION OF US-74, 1 SECTION OF NC-9 &amp; 8 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
982	TON	INCIDENTAL STONE BASE
32.38	SMI	SHOULDER RECONSTRUCTION
3,802	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
16,475	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,119	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,063	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
118	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
717	TON	PATCHING EXISTING PAVEMENT
2,257	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
61,952	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
3	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
115,949	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
110,880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
405,926	LF	PAINT PAVEMENT MARKING LINES (4")

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 030

CONTRACT ID : C201982

13CR.10121.5

DIV OFFICE ASHEVILLE

LENGTH = 20.460 MI

COUNTY : BURKE

MILLING, RESURFACING, ULTRATHIN HOT MIX, &amp; SHLDER RECONSTR.

DBE GOAL 5.0% COMPLETION DATE : SEP 30 2008

3 SECTIONS OF NC-18, 1 SECTION OF NC-181, AND 20 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,017	TON	INCIDENTAL STONE BASE
16.42	SMI	SHOULDER RECONSTRUCTION
3,520	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
632	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
306	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
9,507	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
102	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
658	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
357	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
664	TON	PATCHING EXISTING PAVEMENT
6,857	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
180,400	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
67,584	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
5	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
171,333	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
173,189	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
72	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
5	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
66,318	LF	PAINT PAVEMENT MARKING LINES (4")

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 031

CONTRACT ID : C201983 13CR.10111.7

DIV OFFICE ASHEVILLE

LENGTH = 15.080 MI

COUNTY : BUNCOMBE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : SEP 30 2008

2 SECTIONS OF US-19 &amp; 23, 1 SECTION OF US-19 &amp; 23 BUS, 1 SECTION OF US-70, AND 8 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
848	TON	INCIDENTAL STONE BASE
26	SMI	SHOULDER RECONSTRUCTION
3,520	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
27,878	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
24,732	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,484	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,290	TON	PATCHING EXISTING PAVEMENT
27	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
42	EA	CONCRETE WHEELCHAIR RAMPS
16	EA	ADJUSTMENT OF MANHOLES
28	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
29,172	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
204	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,206	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
92	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
536,448	LF	PAINT PAVEMENT MARKING LINES (4")
241	LF	PAINT PAVEMENT MARKING LINES (24")

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 032

CONTRACT ID : C201981 13CR.10571.5

DIV OFFICE ASHEVILLE

LENGTH = 11.010 MI

COUNTY : MADISON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 2.0% COMPLETION DATE : SEP 30 2008

US-25 &amp; 70 FROM SR-1208 TO NC-209, NC-63 FROM N OF SR-1100 TO S OF SR-1190 AND 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
562	TON	INCIDENTAL STONE BASE
20.8	SMI	SHOULDER RECONSTRUCTION
8,800	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,573	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
7,287	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
808	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
865	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
40,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
46,992	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
113	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
281,094	LF	PAINT PAVEMENT MARKING LINES (4")

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 033

CONTRACT ID : C201980 13CR.10591.6

DIV OFFICE ASHEVILLE

LENGTH = 16.910 MI

COUNTY : MCDOWELL

RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : SEP 30 2008

NC-183 FROM US-221 TO BURKE CO LINE, NC-226 FROM RUTHERFORD CO LINE TO SR-1802 &amp; 8 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
848	TON	INCIDENTAL STONE BASE
33.82	SMI	SHOULDER RECONSTRUCTION
5,393	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
12,792	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,158	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
665	TON	PATCHING EXISTING PAVEMENT
48,154	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
48,154	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
521,664	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	PAINT PAVEMENT MARKING LINES (16")
110	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING SYMBOL

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 034

CONTRACT ID : C201984 13CR.10611.6

DIV OFFICE ASHEVILLE

LENGTH = 17.470 MI

COUNTY : MITCHELL, YANCEY

WIDENING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : SEP 30 2008

1 SECTION OF US-19E, 1 SECTION OF US-19W, 1 SECTION OF NC-197 &amp; 9 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
874	TON	INCIDENTAL STONE BASE
34.94	SMI	SHOULDER RECONSTRUCTION
486	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
435	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
10,400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
11,280	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,399	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
855	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF MANHOLES
60,087	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
63,070	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
36	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
18	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
497,588	LF	PAINT PAVEMENT MARKING LINES (4")



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

L080115 035

CONTRACT ID : C200794 33840.3.2

DIV OFFICE SYLVA

LENGTH = 0.219 MI

COUNTY : SWAIN

GRADING, DRAINAGE, PAVING &amp; STRUCTURE.

DBE GOAL 2.0% COMPLETION DATE : JUL 01 2010

BRIDGE OVER OCONALUFTEE RIVER &amp; APPROACHES ON US-19 IN CHEROKEE.

ROADWAY ITEMS					
			8	EA	SIGN ERECTION, TYPE F
			1	EA	DISPOSAL OF SUPPORT, WOOD
			1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
			19	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
Lump Sum	LS	MOBILIZATION	1	EA	DISPOSAL OF SIGN, D, E OR F
Lump Sum	LS	CONSTRUCTION SURVEYING	527	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+15.00)	512	SF	WORK ZONE SIGNS (PORTABLE)
			108	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS	GRADING	2	EA	FLASHING ARROW PANELS, TYPE C
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	CHANGEABLE MESSAGE SIGN
1,000	CY	UNDERCUT EXCAVATION	50	EA	DRUMS
184	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	50	EA	CONES
168	LF	18" RC PIPE CULVERTS, CLASS III	104	LF	BARRICADES (TYPE III)
96	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	240	MD	FLAGGER
318	LF	PIPE REMOVAL	2	EA	TEMPORARY CRASH CUSHIONS
500	TON	INCIDENTAL STONE BASE	2	EA	TMIA
1,460	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	206	LF	PORTABLE CONCRETE BARRIER
885	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	206	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
1,270	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	290	LF	WATER FILLED BARRIER
105	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	150	HR	POLICE
83	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	203	EA	TEMPORARY RAISED PAVEMENT MARKERS
266	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	917	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
70	CY	SUBDRAIN EXCAVATION	22	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)
55	CY	SUBDRAIN FINE AGGREGATE	2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
300	LF	6" PERFORATED SUBDRAIN PIPE	28,138	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	1,472	LF	PAINT PAVEMENT MARKING LINES (8")
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	536	LF	PAINT PAVEMENT MARKING LINES (24")
12	LF	6" OUTLET PIPE (SUBDRAINS)	32	EA	PAINT PAVEMENT MARKING CHARACTER
1	CY	PIPE PLUGS	82	EA	PAINT PAVEMENT MARKING SYMBOL
21	EA	MASONRY DRAINAGE STRUCTURES	5,915	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENT)
10	LF	MASONRY DRAINAGE STRUCTURES	640	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENT)
9	EA	FRAME WITH TWO GRATES, STD 840.29	216	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (HIGHLY REFLECTIVE ELEMENT)
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	8	EA	POLYUREA PAVEMENT MARKING CHARACTER (***** (HIGHLY REFLECTIVE ELEMENT)
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	28	EA	POLYUREA PAVEMENT MARKING SYMBOL (***** (HIGHLY REFLECTIVE ELEMENT)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	2,976	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	FRAME WITH COVER, STD 840.54	78	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
85	LF	***X *** CONCRETE CURB (8" X 12")	8	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1,460	LF	2'-6" CONCRETE CURB & GUTTER	1,200	LF	CURING COMPOUND REMOVAL, LINES
87	SY	6" CONCRETE DRIVEWAY	9	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS
845	SY	GENERIC PAVING ITEM 6' STAMPED CONCRETE SIDEWALK	19	EA	PERMANENT RAISED PAVEMENT MARKERS
9	EA	GENERIC PAVING ITEM STAMPED CONC WHEELCHAIR RAMPS	98	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	GENERIC PAVING ITEM WOODEN PEDESTRIAN RAMP	Lump Sum	LS	PORTABLE LIGHTING
10	EA	ADJUSTMENT OF MANHOLES	87	LF	6" WATER LINE
11	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	58	LF	8" WATER LINE
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	1,340	LF	12" WATER LINE
110	LF	REMOVE EXISTING GUARDRAIL	1	EA	6" VALVE
510	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (48")	1	EA	8" VALVE
1,400	SY	FILTER FABRIC FOR DRAINAGE	7	EA	12" VALVE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	3	EA	RELOCATE WATER METER
518	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	3	EA	RECONNECT WATER METER
12	EA	SIGN ERECTION, TYPE D			
11	EA	SIGN ERECTION, TYPE E			

1	EA	RELOCATE FIRE HYDRANT
292	LF	ABANDON *** UTILITY PIPE (8")
1	EA	GENERIC UTILITY ITEM RELOCATE 2" WATER METER
Lump Sum	LS	GENERIC UTILITY ITEM 12" DI RJ WATER MAIN ATTACHMENT
530	LF	TEMPORARY SILT FENCE
580	TON	STONE FOR EROSION CONTROL, CLASS A
185	TON	STONE FOR EROSION CONTROL, CLASS B
1,100	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
350	LF	SAFETY FENCE
685	CY	SILT EXCAVATION
600	SY	MATTING FOR EROSION CONTROL
20	EA	SPECIAL STILLING BASINS
45	LF	COIR FIBER BAFFLES
3	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
2.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
8	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION WITH COUNTDOWN )
3,053	LF	SIGNAL CABLE
18	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
7	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
14	EA	LOUVER
483	LF	MESSENGER CABLE (3/8")
25	LF	PAVED TRENCHING (***** (1, 2")
416	LF	UNPAVED TRENCHING (***** (1, 2")
160	LF	DIRECTIONAL DRILL (***** (2, 1-1/4")
250	LF	DIRECTIONAL DRILL (***** (3, 1-1/4")
10	EA	JUNCTION BOX (STANDARD SIZE)
3	EA	WOOD POLE
6	EA	GUY ASSEMBLY
2	EA	1" RISER WITH WEATHERHEAD
4	EA	2" RISER WITH WEATHERHEAD
1,865	LF	INDUCTIVE LOOP SAWCUT
2,349	LF	LEAD-IN CABLE (***** (14-2)
1	EA	SITE SURVEY
1	EA	RELOCATE CAMERA SENSOR UNIT
5	EA	SOIL TEST
40	CY	DRILLED PIER FOUNDATION
5	EA	MAST ARM WITH METAL POLE DESIGN
4	EA	SIGN FOR SIGNALS
3	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
7	EA	DETECTOR CARD (TYPE 2070L)
2	EA	CABINET BASE EXTENDER
1	EA	GENERIC SIGNAL ITEM DECORATIVE METAL POLE WITH DUAL MAST ARM
4	EA	GENERIC SIGNAL ITEM DECORATIVE METAL POLE WITH SINGLE MAST ARM
3	EA	GENERIC SIGNAL ITEM DECORATIVE SIGNAL PEDESTAL W/ FOUNDATION

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

288	LF	15" RC PIPE CULVERTS, CLASS III
380	LF	24" RC PIPE CULVERTS, CLASS III

\*\*\* OR \*\*\*

248	LF	15" RC PIPE CULVERTS, CLASS III
268	LF	24" RC PIPE CULVERTS, CLASS III
40	LF	**** HDPE PIPE CULVERTS (15")
112	LF	**** HDPE PIPE CULVERTS (24")
		*** OR ***
248	LF	15" RC PIPE CULVERTS, CLASS III
268	LF	24" RC PIPE CULVERTS, CLASS III
40	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
112	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")
		*** END SCHEDULE AA ***
		***** BEGIN SCHEDULE AB *****
		***** ( 2 ALTERNATES ) *****
1	EA	CAMERA WITH INTERNAL LOOP EMULATOR PROCESSING UNIT
		*** OR ***
1	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
		*** END SCHEDULE AB ***

**WALL ITEMS**

1,366	SF	GRAVITY RETAINING WALLS
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**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+15.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+15.00-L-)
206.25	LF	3'-6" DIA DRILLED PIERS IN SOIL
45	LF	4'-0" DIA DRILLED PIERS IN SOIL
71.5	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
50	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
49.17	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+15.00-L-)
17,204	SF	REINFORCED CONCRETE DECK SLAB
14,271	SF	GROOVING BRIDGE FLOORS
292.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+15.00-L-)
72,551	LB	REINFORCING STEEL (BRIDGE)
11,891	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
580,000	LS	APPROX ..... LBS STRUCTURAL STEEL
350	LF	HP12X53 STEEL PILES
1,508	SF	*** STEEL SHEET PILES (18")
775	TON	RIP RAP CLASS II (2'-0" THICK)
860	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA ***** (15+15.00-L-)
587	TON	SELECT MATERIAL, CLASS ** (VI)

Lump Sum    LS    GENERIC STRUCTURE ITEM  
DECORATIVE CONCRETE & METAL  
RAIL

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080115 036

CONTRACT ID : C201957 14CR.20451.7

DIV OFFICE SYLVA

LENGTH = 12.350 MI

COUNTY : HENDERSON

WIDENING AND RESURFACING.

MBE GOAL 1.0% WBE 1.0% COMPLETION DATE : OCT 31 2008

19 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,472	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
796	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
13,013	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
246	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
898	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
29	EA	ADJUSTMENT OF MANHOLES
13	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES