



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

October 23, 2007

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

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

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

**Work Zone Flaggers**

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

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

RAG/mmm



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
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LYNDO TIPPETT  
SECRETARY

September 18, 2007

Notice To: All Prequalified Contractors

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

A handwritten signature in black ink, appearing to read "R.A. Garris".

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=INSCMPL0A](http://infoportal.ncdoi.net/run_reports.jsp?REPT=INSCMPL0A)

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

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

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

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

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

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



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DEPARTMENT OF TRANSPORTATION

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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 NOVEMBER 20, 2007. 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 OCTOBER 23, 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** L071120

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C201714	33663.3.1	WILSON	0.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C201942	33351.3.1	WAKE	0.251 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C201886	35156.3.1	WAKE	0.550 MI	SIGNALS & REVISE INTERCHANGE.
004	C201790	39994.3.GV1	HARNETT	8.780 MI	ULTRATHIN AND MICRO SURFACING RUTFILLING.
005	C201789	39996.3.GV1	CUMBERLAND	10.020 MI	ULTRATHIN AND MICRO-SURFACING RUTFILLING.
006	C201934	6CR.10781.27 ETC	ROBESON	53.760 MI	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
007	C201564	33000.3.1	GUILFORD	0.182 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C201935	7CR.10171.8 ETC.	CASWELL	13.580 MI	RESURFACING & SHOULDER RECONSTRUCTION.
009	C201937	7CR.10791.14 ETC	ROCKINGHAM	29.126 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
010	C201936	7CR.20411.18	GUILFORD	22.196 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
011	C201713	33459.3.1	DAVIDSON	0.205 MI	GRADING, DRAINAGE, PAVING, SIGNAL, & STRUCTURE.
012	C201889	9CR.10291.6 ETC.	DAVIDSON	33.810 MI	MILLING & RESURFACING.
013	C201908	9CR.10301.6 ETC.	DAVIE	18.770 MI	MILLING & RESURFACING.
014	C201910	9CR.10341.6 ETC.	FORSYTH	13.880 MI	MILLING & RESURFACING.
015	C201909	9CR.10801.6 ETC.	ROWAN	31.060 MI	MILLING & RESURFACING.
016	C201911	9CR.10851.6 ETC.	STOKES	20.070 MI	MILLING AND RESURFACING.
*017	C201679	36401.2.1	WILKES	0.981 MI	GRADING, DRAINAGE, PAVING, LIGHTING & REST AREA.
018	C201584	33374.3.1	ALEXANDER	0.273 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
019	C201916	12CR.10181.5 ETC	CATAWBA	27.650 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
020	C201919	12CR.10361.8 ETC	GASTON	10.200 MI	MILLING & RESURFACING.
021	C201915	12CR.10551.5 ETC	LINCOLN	13.660 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
022	C201914	12CR.10231.6 ETC	CLEVELAND	18.130 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

**\*NOTE:**

RPN 017 Wilkes County: Bidders must attend the Mandatory Pre-Bid Conference on Friday, November 2, 2007 at 10:00am in the Chief Engineers Conference Room in Raleigh.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071120 001

CONTRACT ID : C201714 33663.3.1

DIV OFFICE WILSON

LENGTH = 0.152 MI

COUNTY : WILSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER BLOOMERY SWAMP AND APPROACHES ON SR-1001.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+05.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
62	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
20	LF	15" SIDE DRAIN PIPE
56	LF	18" SIDE DRAIN PIPE
16	LF	15" RC PIPE CULVERTS, CLASS III
129	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
598	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
352	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
47	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
14	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
85	SY	6" CONCRETE DRIVEWAY
250	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	RIP RAP, CLASS B
517	SY	FILTER FABRIC FOR DRAINAGE
332	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
1,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
9	EA	PERMANENT RAISED PAVEMENT MARKERS
960	LF	TEMPORARY SILT FENCE
90	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
235	TON	SEDIMENT CONTROL STONE
1.5	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
150	LF	SAFETY FENCE
475	CY	SILT EXCAVATION
850	SY	MATting FOR EROSION CONTROL
8	EA	SPECIAL STILLING BASINS
150	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 ***** (17+05.00-L-)
46.9	LF	3'-0" DIA DRILLED PIERS IN SO IL
33	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
12.9	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
505	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
3,608	SF	CONCRETE WEARING SURFACE
4,723	SF	GROOVING BRIDGE FLOORS
51.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+05.00-L-)
14,370	LB	REINFORCING STEEL (BRIDGE)
1,522	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
80	LF	HP12X53 STEEL PILES
200.02	LF	TWO BAR METAL RAIL
215.17	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 3'-1 1/4")
180	TON	RIP RAP CLASS II (2'-0" THICK)
199	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,291	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS

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

L071120 002

CONTRACT ID : C201942 33351.3.1

DIV OFFICE DURHAM

LENGTH = 0.251 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING &amp; STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 15 2008

BRIDGE OVER SWIFT CREEK AND APPROACHES ON SR-1379 (PENNY RD).

ROADWAY ITEMS					
			2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
Lump Sum	LS	MOBILIZATION	12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	603	SF	WORK ZONE SIGNS (STATIONARY)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	112	SF	WORK ZONE SIGNS (PORTABLE)
1,300	CY	UNCLASSIFIED EXCAVATION	169	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+96.50)	20	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
200	CY	UNDERCUT EXCAVATION	30	EA	DRUMS
100	TON	CLASS IV SUBGRADE STABILIZATION	15	EA	CONES
6,500	CY	BORROW EXCAVATION	128	LF	BARRICADES (TYPE III)
1,790	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,680	HR	FLAGGER
100	CY	SELECT GRANULAR MATERIAL	2	EA	TEMPORARY CRASH CUSHIONS
100	SY	FABRIC FOR SOIL STABILIZATION	2	EA	RESET TEMPORARY CRASH CUSHIONS
418	SF	TEMPORARY SHORING	1	EA	TMIA
1,850	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI	720	LF	PORTABLE CONCRETE BARRIER
4,450	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VII	240	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	225	LF	RESET PORTABLE CONCRETE BARRIER
328	LF	15" RC PIPE CULVERTS, CLASS III	75	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
Lump Sum	LS	FINE GRADING	30	EA	SKINNY DRUM
25	TON	INCIDENTAL STONE BASE	17	EA	TEMPORARY RAISED PAVEMENT MARKERS
130	SY	INCIDENTAL MILLING	2,272	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
790	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2,272	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
860	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	756	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
660	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	756	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
10	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	9,088	LF	PAINT PAVEMENT MARKING LINES (4")
115	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	17	EA	PERMANENT RAISED PAVEMENT MARKERS
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,200	LF	TEMPORARY SILT FENCE
5	EA	RIGHT OF WAY MARKERS	150	TON	STONE FOR EROSION CONTROL, CLASS A
45	CY	SUBDRAIN EXCAVATION	90	TON	STONE FOR EROSION CONTROL, CLASS B
34	CY	SUBDRAIN FINE AGGREGATE	340	TON	SEDIMENT CONTROL STONE
200	LF	6" PERFORATED SUBDRAIN PIPE	4	ACR	TEMPORARY MULCHING
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	150	LB	SEED FOR TEMPORARY SEEDING
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
6	LF	6" OUTLET PIPE (SUBDRAINS)	1,700	LF	SAFETY FENCE
5	EA	MASONRY DRAINAGE STRUCTURES	320	CY	SILT EXCAVATION
1	EA	FRAME WITH GRATE, STD 840.24	775	SY	MATTING FOR EROSION CONTROL
4	EA	FRAME WITH GRATE, STD 840.29	10	SY	COIR FIBER MAT
250	LF	SHOULDER BERM GUTTER	2,770	SY	PERMANENT SOIL REINFORCEMENT MAT
1	EA	MODIFIED CONCRETE FLUME	120	LF	1/4" HARDWARE CLOTH
170	LF	CONCRETE EXPRESSWAY GUTTER	3,800	SY	FLOATING TURBIDITY CURTAIN
1,712.5	LF	STEEL BM GUARDRAIL	12	EA	SPECIAL STILLING BASINS
5	EA	ADDITIONAL GUARDRAIL POSTS	130	LF	COIR FIBER BAFFLES
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	1	EA	*** SKIMMER (2")
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	4	ACR	SEEDING & MULCHING
1,680	LF	REMOVE EXISTING GUARDRAIL	2.5	ACR	MOWING
1,350	TON	RIP RAP, CLASS II	50	LB	SEED FOR REPAIR SEEDING
10	TON	RIP RAP, CLASS B	0.25	TON	FERTILIZER FOR REPAIR SEEDING
3,630	SY	FILTER FABRIC FOR DRAINAGE	100	LB	SEED FOR SUPPLEMENTAL SEEDING
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	3	TON	FERTILIZER TOPDRESSING
15.3	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	4.5	HR	SPECIALIZED HAND MOWING
15	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	8	EA	RESPONSE FOR EROSION CONTROL
132	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	0.1	ACR	REFORESTATION
2	EA	SIGN ERECTION, TYPE D			
3	EA	SIGN ERECTION, TYPE E			

## STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+96.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+96.50-L-)
14	LF	PILE EXCAVATION IN SOIL
16	LF	PILE EXCAVATION NOT IN SOIL
101.4	LF	3'-0" DIA DRILLED PIERS IN SO IL
42	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
107.2	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
6,824	SF	REINFORCED CONCRETE DECK SLAB
7,221	SF	GROOVING BRIDGE FLOORS
102.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+96.50-L-)
23,638	LB	REINFORCING STEEL (BRIDGE)
2,688	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
917.26	LF	36" PRESTRESSED CONCRETE GIR- DERS
240	LF	HP12X53 STEEL PILES
5	EA	STEEL PILE POINTS
357.89	LF	TWO BAR METAL RAIL
373.06	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
112	TON	RIP RAP CLASS II (2'-0" THICK)
124	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

L071120 003

CONTRACT ID : C201886 35156.3.1

DIV OFFICE DURHAM

LENGTH = 0.550 MI

COUNTY : WAKE

SIGNALS &amp; REVISE INTERCHANGE.

DBE GOAL 6.0% COMPLETION DATE : NOV 15 2008

SR-2000 (WAKE FOREST RD) AT I-440 (BELTLINE).

ROADWAY ITEMS					
			138	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
			138	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
			610	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			1	EA	SIGN ERECTION, TYPE D
			22	EA	SIGN ERECTION, TYPE E
			6	EA	SIGN ERECTION, TYPE F
			3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
			2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
			24	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
			7	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			394	SF	WORK ZONE SIGNS (STATIONARY)
			372	SF	WORK ZONE SIGNS (PORTABLE)
			70	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			3	EA	FLASHING ARROW PANELS, TYPE C
			4	EA	CHANGEABLE MESSAGE SIGN
			200	EA	DRUMS
			100	EA	CONES
			128	LF	BARRICADES (TYPE III)
			3,000	HR	FLAGGER
			3	EA	TMIA
			200	HR	POLICE
			100	EA	SKINNY DRUM
			80	EA	TUBULAR MARKERS (FIXED)
			2,582	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			9,747	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			430	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			1,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			71	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			14,894	LF	PAINT PAVEMENT MARKING LINES (4")
			1,200	LF	PAINT PAVEMENT MARKING LINES (8")
			1,148	LF	PAINT PAVEMENT MARKING LINES (24")
			12	EA	PAINT PAVEMENT MARKING CHARAC- TER
			82	EA	PAINT PAVEMENT MARKING SYMBOL
			40	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			155	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			155	EA	PERMANENT RAISED PAVEMENT MARKERS
			4	EA	LIGHT STANDARD, TYPE MTL5 ***** (35', SA 15')
			4	EA	STANDARD FOUNDATION ***** (TYPE R1)
			4	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (TYPE RDW, 250W HPS)
			70	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0, USE)
			1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)
			30	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
			126	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
20	CY	UNDERCUT EXCAVATION			
700	LF	BERM DITCH CONSTRUCTION			
181	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
16	LF	15" SIDE DRAIN PIPE			
108	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
3	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
620	LF	PIPE REMOVAL			
10	TON	#57 STONE			
60	TON	INCIDENTAL STONE BASE			
3,560	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
1,620	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
3,850	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
230	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
231	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
4	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
2	CY	PIPE COLLARS			
51	EA	MASONRY DRAINAGE STRUCTURES			
48	LF	MASONRY DRAINAGE STRUCTURES			
9	EA	FRAME WITH GRATE, STD 840.**** (840.16)			
2	EA	FRAME WITH GRATE, STD 840.29 (840.29)			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
10	EA	FRAME WITH COVER, STD 840.54			
2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
4,225	LF	2'-6" CONCRETE CURB & GUTTER			
655	LF	SHOULDER BERM GUTTER			
535	LF	CONCRETE EXPRESSWAY GUTTER			
2,390	SY	4" CONCRETE SIDEWALK			
20	EA	CONCRETE WHEELCHAIR RAMPS			
90	SY	4" CONCRETE PAVED DITCH			
440	SY	4" CONCRETE ISLAND COVERS			
950	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
2	EA	CONCRETE BARRIER TRANSITION SECTION			
240	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
650	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
700	LF	REMOVE EXISTING GUARDRAIL			
4	TON	RIP RAP, CLASS B			
14	SY	FILTER FABRIC FOR DRAINAGE			
Lump Sum	LS	GENERIC WALL ITEM SOIL NAIL RETAINING WALLS			
22	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)			



757	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	9	EA	DETECTOR CARD (NEMA TS-2)
2	EA	ELECTRICAL JUNCTION BOXES ***** (PC 18)			***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
6	EA	UNDERPASS LUMINARIES ***** (WM 150W)	684	LF	15" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (WAKE FOREST RD/I-440)	344	LF	18" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	PORTABLE LIGHTING	548	LF	24" RC PIPE CULVERTS, CLASS III
1	EA	6" VALVE			*** OR ***
2	EA	REMOVE WATER METER	344	LF	15" RC PIPE CULVERTS, CLASS III
1	EA	REMOVE FIRE HYDRANT	56	LF	18" RC PIPE CULVERTS, CLASS III
1	EA	GENERIC UTILITY ITEM ADJUST EXISTING 10" RPZ BACKFLOW PREVENTER	48	LF	24" RC PIPE CULVERTS, CLASS III
1	EA	GENERIC UTILITY ITEM FIRE HYDRANT, 150# WP	340	LF	**** HDPE PIPE CULVERTS (15")
2	EA	GENERIC UTILITY ITEM RELOCATE EXISTING 4" WATER METER WITH NEW METER VAULT	288	LF	**** HDPE PIPE CULVERTS (18")
2	EA	GENERIC UTILITY ITEM RELOCATE EXISTING WATER METER WITH NEW METER BOX	500	LF	**** HDPE PIPE CULVERTS (24")
1	EA	GENERIC UTILITY ITEM REMOVE EXISTING CHECK VALVE VAULT			*** OR ***
65	LF	GENERIC UTILITY ITEM 1" COPPER WATER PIPE, TYPE K	344	LF	15" RC PIPE CULVERTS, CLASS III
10	LF	GENERIC UTILITY ITEM 10" DI WATER PIPE, PC 350	56	LF	18" RC PIPE CULVERTS, CLASS III
28	LF	GENERIC UTILITY ITEM 2" COPPER WATER PIPE, TYPE K	48	LF	24" RC PIPE CULVERTS, CLASS III
10	LF	GENERIC UTILITY ITEM 4" DI WATER PIPE, PC 350	340	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")
25	LF	GENERIC UTILITY ITEM 6" DI WATER PIPE, PC 350	288	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (18", 0.064")
600	LB	GENERIC UTILITY ITEM DUCTILE IRON WATER PIPE FITTINGS, 250PSI MIN WP	500	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (24", 0.064")
400	LF	TEMPORARY SILT FENCE			
15	TON	STONE FOR EROSION CONTROL, CLASS B			
10	TON	SEDIMENT CONTROL STONE			
50	CY	SILT EXCAVATION			*** END SCHEDULE AA ***
2	ACR	SEEDING & MULCHING			
6	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/COUNTDOWN)			
7,155	LF	SIGNAL CABLE			
30	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
6	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
200	LF	MESSENGER CABLE (1/4")			
1,450	LF	MESSENGER CABLE (3/8")			
75	LF	PAVED TRENCHING (*****) (1, 2")			
705	LF	UNPAVED TRENCHING (*****) (1, 2")			
600	LF	DIRECTIONAL DRILL (*****) (1, 2")			
8	EA	JUNCTION BOX (STANDARD SIZE)			
1	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)			
9	EA	WOOD POLE			
21	EA	GUY ASSEMBLY			
3	EA	1/2" RISER WITH WEATHERHEAD			
1	EA	1" RISER WITH WEATHERHEAD			
12	EA	2" RISER WITH WEATHERHEAD			
5,900	LF	INDUCTIVE LOOP SAWCUT			
6,215	LF	LEAD-IN CABLE (*****) (18-4)			
620	LF	COMMUNICATIONS CABLE (** TWISTED-PAIR) (25)			
620	LF	COMMUNICATIONS CABLE (** TWISTED-PAIR) (6)			
450	LF	REMOVE EXISTING COMMUNICATIONS CABLE			
5	EA	CABLE TRANSFER			
1	EA	SIGNAL PEDESTAL WITH FOUNDA- TION			
18	EA	SIGN FOR SIGNALS			
9	EA	RELOCATE EXISTING SIGN			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)			

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

L071120 004

CONTRACT ID : C201790 39994.3.GV1

DIV OFFICE FAYETTEVILLE

LENGTH = 8.780 MI

COUNTY : HARNETT

ULTRATHIN AND MICRO SURFACING RUTFILLING.

DBE GOAL 5.0% COMPLETION DATE : JUN 01 2009

I-95 FROM THE CUMBERLAND COUNTY LINE TO THE JOHNSTON COUNTY LINE.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
903	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5D
11	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
12,122	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
346,334	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
123,622	SY	GENERIC PAVING ITEM LATEX MODIFIED MICRO SURFACING RUTFILLING
302	SF	WORK ZONE SIGNS (STATIONARY)
500	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
124	EA	DRUMS
2	EA	TMIA
31,430	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
4,825	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
204,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
26,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
11,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
70	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
58	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
37,375	LF	PAINT PAVEMENT MARKING LINES (4")
230,500	LF	PAINT PAVEMENT MARKING LINES (6")
11,500	LF	PAINT PAVEMENT MARKING LINES (12")
36,325	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
242,000	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1,928	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

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

L071120 005

CONTRACT ID : C201789 39996.3.GV1

DIV OFFICE FAYETTEVILLE

LENGTH = 10.020 MI

COUNTY : CUMBERLAND

ULTRATHIN AND MICRO-SURFACING RUTFILLING.

DBE GOAL 5.0% COMPLETION DATE : JUN 01 2009

I-95 FROM PAVEMENT JOINT AT NORTH SIDE OF I-295 TO HARNETT COUNTY LINE.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
903	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5D
11	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
11,547	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
329,931	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
141,082	SY	GENERIC PAVING ITEM LATEX MODIFIED MICRO-SURFACING RUTFILLING
304	SF	WORK ZONE SIGNS (STATIONARY)
500	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
268	EA	DRUMS
2	EA	TMIA
2,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
233,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
30,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
3,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
264,700	LF	PAINT PAVEMENT MARKING LINES (6")
3,200	LF	PAINT PAVEMENT MARKING LINES (12")
7,400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
261,600	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1,646	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 006

CONTRACT ID : C201934 6CR.10781.27

DIV OFFICE FAYETTEVILLE

LENGTH = 53.760 MI

COUNTY : ROBESON

WIDENING, MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : NOV 15 2008

1 SECTION OF US-301, NC-71, NC-72, NC-130, NC-211 &amp; NC-904 AND 14 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,158	TON	INCIDENTAL STONE BASE
96.28	SMI	SHOULDER RECONSTRUCTION
25,344	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
41,584	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
620	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
50,493	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
16,939	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
4,161	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
51	EA	ADJUSTMENT OF MANHOLES
65	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
341,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
338,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,580	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
68	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
261	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
633,600	LF	PAINT PAVEMENT MARKING LINES (4")
550	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MKG (4") (240MIL) (RUMBLE STRIPS)
3,630	EA	PERMANENT RAISED PAVEMENT MARKERS
117	ACR	SEEDING & MULCHING
200	LF	PAVED TRENCHING (*****) (1, 2")
1,150	LF	UNPAVED TRENCHING (*****) (1, 2")
21	EA	JUNCTION BOX (STANDARD SIZE)
15	EA	2" RISER WITH WEATHERHEAD
10,900	LF	INDUCTIVE LOOP SAWCUT
1,700	LF	LEAD-IN CABLE (*****) (18-2)
220	LF	GENERIC SIGNAL ITEM 1" PVC CONDUIT
1,100	LF	GENERIC SIGNAL ITEM 2" PVC CONDUIT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071120 007

CONTRACT ID : C201564 33000.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.182 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 01 2009

BRIDGE OVER BUFFALO CREEK & APPROACHES ON SR-1001 IN GREENSBORO.

ROADWAY ITEMS

			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE III
Lump Sum	LS	MOBILIZATION	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,700	CY	UNCLASSIFIED EXCAVATION	156.25	LF	REMOVE & RESET EXISTING GUARDRAIL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+01.50)	225	LF	REMOVE EXISTING GUARDRAIL
	1	ACR	100	LF	TEMPORARY STEEL BM GUARDRAIL
		SUPPLEMENTARY CLEARING & GRUBBING	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
	200	CY	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
Lump Sum	LS	UNDERCUT EXCAVATION	15	TON	RIP RAP, CLASS I
	100	TON	8	TON	RIP RAP, CLASS B
	2	CY	730	SY	FILTER FABRIC FOR DRAINAGE
		DRAINAGE DITCH EXCAVATION	581	SF	WORK ZONE SIGNS (STATIONARY)
	100	CY	444	SF	WORK ZONE SIGNS (PORTABLE)
		SELECT GRANULAR MATERIAL	120	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	100	SY			
		FABRIC FOR SOIL STABILIZATION	2	EA	FLASHING ARROW PANELS, TYPE C
	245	SF	3	EA	CHANGEABLE MESSAGE SIGN
		TEMPORARY SHORING	67	EA	DRUMS
	74	TON	131	EA	CONES
		FOUNDATION CONDITIONING MATERIAL, MINOR STRS	154	LF	BARRICADES (TYPE III)
	520	LF	2,736	HR	FLAGGER
		15" RC PIPE CULVERTS, CLASS III	4	EA	TEMPORARY CRASH CUSHIONS
	20	LF	2	EA	RESET TEMPORARY CRASH CUSHIONS
		18" RC PIPE CULVERTS, CLASS III	2	EA	TMIA
	136	LF	440	LF	PORTABLE CONCRETE BARRIER
		36" RC PIPE CULVERTS, CLASS III	360	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
	106	LF	260	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
		PIPE REMOVAL	50	HR	POLICE
	250	TON	131	EA	SKINNY DRUM
		INCIDENTAL STONE BASE	316	EA	TEMPORARY RAISED PAVEMENT MARKERS
3,830	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")	912	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
	490	TON	5	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
		ASPHALT CONC BASE COURSE, TYPE B25.0B	18,125	LF	PAINT PAVEMENT MARKING LINES (4")
	330	TON	212	LF	PAINT PAVEMENT MARKING LINES (8")
		ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	242	LF	PAINT PAVEMENT MARKING LINES (24")
	630	TON	24	EA	PAINT PAVEMENT MARKING SYMBOL
		ASPHALT CONC SURFACE COURSE, TYPE S9.5B	3,345	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
	75	TON	232	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)
		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	74	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
	44.8	CY	17	EA	POLYUREA PAVEMENT MARKING SYMBOL (***** (STANDARD GLASS BEADS)
		SUBDRAIN EXCAVATION	7,899	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
	33.6	CY	24	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
		SUBDRAIN FINE AGGREGATE	73	EA	PERMANENT RAISED PAVEMENT MARKERS
	200	LF	3	EA	RELOCATE WATER METER
		6" PERFORATED SUBDRAIN PIPE	1	EA	RELOCATE FIRE HYDRANT
	6	EA	1,630	LF	TEMPORARY SILT FENCE
		6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	115	TON	STONE FOR EROSION CONTROL, CLASS A
	1	EA	125	TON	STONE FOR EROSION CONTROL, CLASS B
		CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	375	TON	SEDIMENT CONTROL STONE
	6	LF	0.5	ACR	TEMPORARY MULCHING
		6" OUTLET PIPE (SUBDRAINS)			
	5	EA			
		TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
	0.84	CY			
		PIPE COLLARS			
	0.25	CY			
		PIPE PLUGS			
	18	EA			
		MASONRY DRAINAGE STRUCTURES			
	9.1	LF			
		MASONRY DRAINAGE STRUCTURES			
	2	EA			
		FRAME WITH TWO GRATES, STD 840.24			
	2	EA			
		FRAME WITH TWO GRATES, STD 840.29			
	2	EA			
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
	4	EA			
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
	5	EA			
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
	3	EA			
		FRAME WITH COVER, STD 840.54			
1,500	LF	2'-6" CONCRETE CURB & GUTTER			
350	SY	4" CONCRETE SIDEWALK			
3	EA	CONCRETE WHEELCHAIR RAMPS			
120	SY	6" CONCRETE DRIVEWAY			
37.5	LF	STEEL BM GUARDRAIL			
50	LF	STEEL BM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TYPE III, SHOP CURVED)			

50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
350	LF	SAFETY FENCE
330	CY	SILT EXCAVATION
550	SY	MATTING FOR EROSION CONTROL
380	LF	1/4" HARDWARE CLOTH
70	SY	FLOATING TURBIDITY CURTAIN
10	EA	SPECIAL STILLING BASINS
90	LF	COIR FIBER BAFFLES
0.67	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

### WALL ITEMS

210	SF	GRAVITY RETAINING WALLS
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### STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STATION ***** (21+01.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+01.50-L-)
70	LF	3'-6" DIA DRILLED PIERS IN SOIL
35	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
75	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+01.50-L-)
9,744	SF	REINFORCED CONCRETE DECK SLAB
9,888	SF	GROOVING BRIDGE FLOORS
146.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+01.50-L-)
27,384	LB	REINFORCING STEEL (BRIDGE)
2,864	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
215,300	LS	APPROX ..... LBS STRUCTURAL STEEL
640	LF	HP12X53 STEEL PILES
233.72	LF	TWO BAR METAL RAIL
249.56	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 3'-3 7/16")
447	TON	RIP RAP CLASS II (2'-0" THICK)
497	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 008

CONTRACT ID : C201935 7CR.10171.8

DIV OFFICE GREENSBORO

LENGTH = 13.580 MI

COUNTY : CASWELL

RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : JUN 02 2008

1 SECTION OF NC-150 &amp; NC-49 &amp; 2 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
408	TON	INCIDENTAL STONE BASE
13.61	SMI	SHOULDER RECONSTRUCTION
2,908	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
10,107	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
831	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
60,764	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
42,677	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
340	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
326,050	LF	PAINT PAVEMENT MARKING LINES (4")
3.05	ACR	SEEDING & MULCHING
1.9	ACR	RESIDENTIAL SEEDING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 009

CONTRACT ID : C201937 7CR.10791.14

DIV OFFICE GREENSBORO

LENGTH = 29.126 MI

COUNTY : ROCKINGHAM

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

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

1 SECTION OF US-220, NC-68, NC-770/700 &amp; NC-770 AND 16 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
974	TON	INCIDENTAL STONE BASE
10.11	SMI	SHOULDER RECONSTRUCTION
7,890	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
8,575	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
393	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
15,576	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
5,538	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
18,698	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (1-1/2" TO 3")
4,171	SY	INCIDENTAL MILLING
67	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
21,660	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
17,837	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,462	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
147,278	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
32,350	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
43	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
2	EA	CONCRETE WHEELCHAIR RAMPS
51	EA	ADJUSTMENT OF MANHOLES
39	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
62,510	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
78,777	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,260	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
869	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
913	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,526	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,590	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
159	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
734,418	LF	PAINT PAVEMENT MARKING LINES (4")
2.44	ACR	SEEDING & MULCHING
2.63	ACR	RESIDENTIAL SEEDING
200	LF	PAVED TRENCHING (*****) (1, 2")
56	LF	UNPAVED TRENCHING (*****) (1, 2")
2	EA	JUNCTION BOX (*****) (STANDARD)
6,630	LF	INDUCTIVE LOOP SAWCUT
175	LF	LEAD-IN CABLE (*****) (14-2)



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 010

CONTRACT ID : C201936 7CR.20411.18

DIV OFFICE GREENSBORO

LENGTH = 22.196 MI

COUNTY : GUILFORD

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : JUL 31 2008

13 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
911	TON	INCIDENTAL STONE BASE
20.53	SMI	SHOULDER RECONSTRUCTION
20,711	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,071	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
578	SY	INCIDENTAL MILLING
3,107	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
20,484	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,517	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
251,934	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
11	EA	ADJUSTMENT OF MANHOLES
15	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
19,116	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
11,312	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
958	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
429	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
872	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
25	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
59	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
821,782	LF	PAINT PAVEMENT MARKING LINES (4")
2.89	ACR	SEEDING & MULCHING
4.94	ACR	RESIDENTIAL SEEDING
725	LF	UNPAVED TRENCHING (*****) (1, 2")
9	EA	JUNCTION BOX (*****) (STANDARD)
5	EA	2" RISER WITH WEATHERHEAD
5,025	LF	INDUCTIVE LOOP SAWCUT
1,785	LF	LEAD-IN CABLE (*****) (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071120 011

CONTRACT ID : C201713 33459.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.205 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, SIGNAL, & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : NOV 15 2008

BRIDGE OVER BEAVERDAM CREEK AND APPROACHES ON SR-2550.

ROADWAY ITEMS					
			52	EA	CONES
			48	LF	BARRICADES (TYPE III)
			1,050	HR	FLAGGER
			2	EA	TMIA
			104	EA	SKINNY DRUM
			220	EA	TEMPORARY RAISED PAVEMENT MARKERS
			2,070	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			1,827	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			10	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			828	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (I)
			828	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			14,391	LF	PAINT PAVEMENT MARKING LINES (4")
			82	LF	PAINT PAVEMENT MARKING LINES (24")
			1,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			10	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			812	LF	8" WATER LINE
			1	EA	8" VALVE
			1	EA	RELOCATE WATER METER
			764	LF	ABANDON 8" UTILITY PIPE
			1,175	LF	TEMPORARY SILT FENCE
			290	TON	STONE FOR EROSION CONTROL, CLASS A
			265	TON	STONE FOR EROSION CONTROL, CLASS B
			430	TON	SEDIMENT CONTROL STONE
			2.5	ACR	TEMPORARY MULCHING
			100	LB	SEED FOR TEMPORARY SEEDING
			0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			250	LF	SAFETY FENCE
			1,360	CY	SILT EXCAVATION
			705	SY	MATTING FOR EROSION CONTROL
			40	LF	1/4" HARDWARE CLOTH
			8	EA	SPECIAL STILLING BASINS
			330	LF	COIR FIBER BAFFLES
			2.5	ACR	SEEDING & MULCHING
			1.5	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			50	LB	SEED FOR SUPPLEMENTAL SEEDING
			1.75	TON	FERTILIZER TOPDRESSING
			3	HR	SPECIALIZED HAND MOWING
			18	EA	RESPONSE FOR EROSION CONTROL
			1,425	LF	SIGNAL CABLE
			6	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			1,190	LF	MESSENGER CABLE (3/8")
			6	EA	WOOD POLE
			7	EA	GUY ASSEMBLY
			1	EA	1" RISER WITH WEATHERHEAD
			4	EA	2" RISER WITH WEATHERHEAD
			420	LF	INDUCTIVE LOOP SAWCUT
			1,600	LF	LEAD-IN CABLE (*****)
					(14-2)
			4	EA	SIGN FOR SIGNALS
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
			3	EA	DETECTOR CARD (TYPE 2070L)
					***** BEGIN SCHEDULE AA *****
					***** ( 3 ALTERNATES ) *****
			84	LF	15" RC PIPE CULVERTS, CLASS III
					*** OR ***
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+82.50)			
	1	ACR			SUPPLEMENTARY CLEARING & GRUB-BING
	400	CY			UNDERCUT EXCAVATION
Lump Sum	LS	GRADING			
	4,500	CY			BORROW EXCAVATION
	1,260	CY			DRAINAGE DITCH EXCAVATION
	50	LF			BERM DITCH CONSTRUCTION
	1,000	CY			SELECT GRANULAR MATERIAL
	1,000	SY			FABRIC FOR SOIL STABILIZATION
	350	SF			TEMPORARY SHORING
	30	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	56	LF			15" SIDE DRAIN PIPE
	92	LF			18" RC PIPE CULVERTS, CLASS III
	52	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
	232	LF			PIPE REMOVAL
	200	TON			INCIDENTAL STONE BASE
	125	SY			INCIDENTAL MILLING
	610	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	400	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	55	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	10	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	13	EA			RIGHT OF WAY MARKERS
	5	EA			MASONRY DRAINAGE STRUCTURES
	2	EA			FRAME WITH GRATE, STD 840.**** (840.16)
	1	EA			FRAME WITH TWO GRATES, STD 840.22
	2	EA			FRAME WITH TWO GRATES, STD 840.29
	11	SY			4" CONCRETE PAVED DITCH
	437.5	LF			STEEL BM GUARDRAIL
	12.5	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
	425	LF			TEMPORARY STEEL BM GUARDRAIL
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
	2	TON			RIP RAP, CLASS I
	331	TON			RIP RAP, CLASS B
	1,531	SY			FILTER FABRIC FOR DRAINAGE
	14.75	SF			CONTRACTOR FURNISHED, TYPE *** SIGN (E)
	29	LF			SUPPORTS, 3-LB STEEL U-CHANNEL
	3	EA			SIGN ERECTION, TYPE E
	10	EA			DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	198	SF			WORK ZONE SIGNS (STATIONARY)
	144	SF			WORK ZONE SIGNS (PORTABLE)
	20	SF			WORK ZONE SIGNS (BARRICADE MOUNTED)
	2	EA			CHANGEABLE MESSAGE SIGN
	55	EA			DRUMS

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

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

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (17+82.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+82.50 -L-)
44.9	LF	3'-6" DIA DRILLED PIERS IN SOIL
19	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
44.4	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
1,095	CY	UNCLASSIFIED STRUCTURE EXCAVATION
8,050	SF	REINFORCED CONCRETE DECK SLAB
7,629	SF	GROOVING BRIDGE FLOORS
91.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+82.50 -L-)
18,656	LB	REINFORCING STEEL (BRIDGE)
1,548	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,015	LF	45" PRESTRESSED CONCRETE GIRDERS
160	LF	HP12X53 STEEL PILES
410.17	LF	CONCRETE BARRIER RAIL
555	TON	RIP RAP CLASS II (2'-0" THICK)
615	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 012

CONTRACT ID : C201889 9CR.10291.6

DIV OFFICE WINSTON-SALEM

LENGTH = 33.810 MI

COUNTY : DAVIDSON

MILLING &amp; RESURFACING.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 28 2008

2 SECTIONS OF NC-47 &amp; NC-109, 1 SECTION OF NC-8, AND 12 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
13.06	SMI	MOBILIZATION GENERIC GRADING ITEM SHOULDER DROP OFF REPAIR
1,306	TON	INCIDENTAL STONE BASE
298	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
2,612	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
20,068	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
29,933	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
119	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
18,938	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,803.5	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,135	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
275	TON	PATCHING EXISTING PAVEMENT
33	EA	ADJUSTMENT OF MANHOLES
45	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
20	HR	POLICE
317,460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
414,881	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
806	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
501	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
72	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
115	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
5,480	LF	PAINT PAVEMENT MARKING LINES (4")
718	EA	SNOWPLOWABLE PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 013

CONTRACT ID : C201908 9CR.10301.6

DIV OFFICE WINSTON-SALEM

LENGTH = 18.770 MI

COUNTY : DAVIE

MILLING &amp; RESURFACING.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 28 2008

1 SECTION OF US-64, US-158, NC-601 BYPASS, AND NC-801, AND 5 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
6.9	SMI	GENERIC GRADING ITEM SHOULDER DROP OFF REPAIR
787	TON	INCIDENTAL STONE BASE
160	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
11,383	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
1,084	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2")
6,697	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
70	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
24,360	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
408	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,461	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
235	TON	PATCHING EXISTING PAVEMENT
15	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
20	HR	POLICE
185,157	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
227,205	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
686	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
95	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,600	LF	PAINT PAVEMENT MARKING LINES (4")
672	EA	SNOWPLOWABLE PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 014

CONTRACT ID : C201910 9CR.10341.6

DIV OFFICE WINSTON-SALEM

LENGTH = 13.880 MI

COUNTY : FORSYTH

MILLING &amp; RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : SEP 28 2008

3 SECTIONS OF US-311, 2 SECTIONS OF NC-66, 1 SECTION OF NC-158, AND 9 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
4.26	SMI	MOBILIZATION GENERIC GRADING ITEM SHOULDER DROP OFF REPAIR
437	TON	INCIDENTAL STONE BASE
800	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
28,293	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
2,799	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
105	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
20,675	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
176	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,242	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
225	TON	PATCHING EXISTING PAVEMENT
83	EA	ADJUSTMENT OF MANHOLES
34	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
40	HR	POLICE
112,811	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
222,058	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
660	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,381	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,248	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
14	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
215	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,480	LF	PAINT PAVEMENT MARKING LINES (4")
158	EA	SNOWPLOWABLE PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 015

CONTRACT ID : C201909 9CR.10801.6

DIV OFFICE WINSTON-SALEM

LENGTH = 31.060 MI

COUNTY : ROWAN

MILLING &amp; RESURFACING.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 28 2008

1 SECTION OF US-52 &amp; NC-150, AND 7 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
12.42	SMI	MOBILIZATION GENERIC GRADING ITEM SHOULDER DROP OFF REPAIR
1,242	TON	INCIDENTAL STONE BASE
1,592	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
3,477	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
20,522	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
438	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
20,225	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,261	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,261	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
150	TON	PATCHING EXISTING PAVEMENT
20	HR	POLICE
332,067	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
351,322	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
243	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
307	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
10	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
29	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
598	EA	SNOWPLOWABLE PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 016

CONTRACT ID : C201911 9CR.10851.6

DIV OFFICE WINSTON-SALEM

LENGTH = 20.070 MI

COUNTY : STOKES

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 28 2008

1 SECTION OF US-311/NC-65, NC-770, AND NC-772, AND 7 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
8.03	SMI	MOBILIZATION GENERIC GRADING ITEM SHOULDER DROP OFF REPAIR
764	TON	INCIDENTAL STONE BASE
915	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
72	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
70	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
26,649	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
10	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,599	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
225	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF MANHOLES
5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
215,355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
213,635	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
65	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
539	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
14	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,200	LF	PAINT PAVEMENT MARKING LINES (4")
534	EA	SNOWPLOWABLE PAVEMENT MARKERS



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

L071120 017

CONTRACT ID : C201679 36401.2.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.981 MI

COUNTY : WILKES

GRADING, DRAINAGE, PAVING, LIGHTING &amp; REST AREA.

DBE GOAL 6.0% COMPLETION DATE : SEP 15 2009

REST AREA ON US-421.

ROADWAY ITEMS					
			1.5	CY	ENDWALLS
			2.85	CY	PIPE COLLARS
			51	EA	MASONRY DRAINAGE STRUCTURES
			48.57	LF	MASONRY DRAINAGE STRUCTURES
			12	EA	FRAME WITH GRATE, STD 840.**** (840.20)
			8	EA	FRAME WITH GRATE, STD 840.22
			2	EA	FRAME WITH TWO GRATES, STD 840.24
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	FRAME WITH COVER, STD 840.54
			2	EA	*** SLUICE GATE (24")
			4	EA	GENERIC DRAINAGE ITEM RETICULINE FRAME & GRATE
			80.5	LF	***X*** CONCRETE CURB (6" X 12")
			5,600	LF	2'-6" CONCRETE CURB & GUTTER
			2,660	LF	SHOULDER BERM GUTTER
			1,253	SY	4" CONCRETE SIDEWALK
			3	EA	CONCRETE WHEELCHAIR RAMPS
			460	SY	6" CONCRETE DRIVEWAY
			11	SY	4" CONCRETE PAVED DITCH
			2,650	LF	STEEL BM GUARDRAIL
			37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
			10	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			1,930	LF	REMOVE EXISTING GUARDRAIL
			4,910	LF	WOVEN WIRE FENCE, 47" FABRIC
			310	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			80	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			700	TON	RIP RAP, CLASS I
			320	TON	RIP RAP, CLASS II
			55	TON	RIP RAP, CLASS A
			330	TON	RIP RAP, CLASS B
			60	TON	BOULDERS
			4,150	SY	FILTER FABRIC FOR DRAINAGE
			4	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS
			986	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			2,398	LB	SUPPORTS, SIMPLE STEEL BEAM
			352	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			1	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
			1	EA	SIGN ERECTION, TYPE D
			21	EA	SIGN ERECTION, TYPE E
			4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			1	EA	SIGN ERECTION, MILEMARKERS
			2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)
			1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)
			2	EA	DISPOSAL OF SUPPORT, STEEL BEAM
			1	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
			112	SF	WORK ZONE SIGNS (STATIONARY)
			96	SF	WORK ZONE SIGNS (PORTABLE)
			20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW PANELS, TYPE C
			1	EA	CHANGEABLE MESSAGE SIGN
Lump Sum	LS	MOBILIZATION			
165,000	CY	UNCLASSIFIED EXCAVATION			
2	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
300	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
100	TON	CLASS IV SUBGRADE STABILIZA- TION			
60,100	CY	DRAINAGE DITCH EXCAVATION			
310	LF	BERM DITCH CONSTRUCTION			
100	CY	SELECT GRANULAR MATERIAL			
100	SY	FABRIC FOR SOIL STABILIZATION			
2,163	CY	GENERIC GRADING ITEM ENGINEERED SOIL MIX			
40,700	SY	GENERIC GRADING ITEM GEOTEXTILE FABRIC			
22,500	SY	GENERIC GRADING ITEM POLYPROPYLENE WOVEN MONOFILA- MENT GEOTEXTILE FABRIC			
530	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
160	LF	**** HDPE PIPE CULVERTS (6")			
264	LF	*** BIT COAT CS PIPE CULVERTS, TYPE B ***** THICK (8", 0.064")			
588	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
108	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
44	LF	36" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK			
40	LF	42" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK			
48	LF	48" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK			
36	LF	60" BIT COAT CS PIPE CULVERTS, TYPE B 0.138" THICK			
2	EA	*** BIT COAT CS PIPE ELBOWS, TYPE B ***** THICK (36", 0.079")			
14	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
2	EA	18" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK			
660	LF	GENERIC PIPE ITEM 6" HDPE PIPE CULVERTS, PERFOR- ATED			
14	EA	GENERIC PIPE ITEM 6" 45 DEG ELBOWS HDPE			
7	EA	GENERIC PIPE ITEM 6" CAPS HDPE			
9	EA	GENERIC PIPE ITEM 6" COUPLERS HDPE			
4	EA	GENERIC PIPE ITEM 6" Y JOINT HDPE			
374	LF	PIPE REMOVAL			
950	TON	#57 STONE			
11,800	TON	AGGREGATE BASE COURSE			
100	TON	INCIDENTAL STONE BASE			
3,950	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
5,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
3,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
630	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
15	EA	RIGHT OF WAY MARKERS			
44.8	CY	SUBDRAIN EXCAVATION			
33.6	CY	SUBDRAIN FINE AGGREGATE			
200	LF	6" PERFORATED SUBDRAIN PIPE			
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE (SUBDRAINS)			

125	EA	DRUMS	115	SY	COIR FIBER MAT
24	LF	BARRICADES (TYPE III)	1,685	SY	PERMANENT SOIL REINFORCEMENT MAT
1	EA	TMIA	750	LF	1/4" HARDWARE CLOTH
3,911	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	630	LF	COIR FIBER BAFFLES
2,343	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	5	EA	*** SKIMMER (1-1/2")
218	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	4	EA	*** SKIMMER (2-1/2")
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1	EA	*** SKIMMER (5")
4,339	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (STANDARD GLASS BEADS)	18	ACR	SEEDING & MULCHING
672	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (STANDARD GLASS BEADS)	6.5	ACR	MOWING
3	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (STANDARD GLASS BEADS)	100	LB	SEED FOR REPAIR SEEDING
1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	0.25	TON	FERTILIZER FOR REPAIR SEEDING
91	EA	SNOWPLOWABLE PAVEMENT MARKERS	275	LB	SEED FOR SUPPLEMENTAL SEEDING
29	EA	STANDARD FOUNDATION ***** (R1)	3,860	SY	SODDING
60	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	13	TON	FERTILIZER TOPDRESSING
135	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	5.5	HR	SPECIALIZED HAND MOWING
45	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")	54	EA	RESPONSE FOR EROSION CONTROL
140	LF	** #2 W/G FEEDER CIRCUIT (2)	6.3	ACR	GENERIC EROSION CONTROL ITEM NATIVE GRASS APPLICATION
1,880	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	20	EA	ACER RUBRUM, RED MAPLE, 2-2 1/2 " CAL., B&B
775	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	14	EA	ACER RUBRUM, RED MAPLE, 6-8", MIN. 3/4" CAL., B&B OR CONT.
3,615	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	12	EA	ACER SACCHARUM, SUGAR MAPLE, 2-2 1/2 " CAL., B&B
4	EA	ELECTRICAL JUNCTION BOXES ***** (PC12)	14	EA	ACER SACCHARUM, SUGAR MAPLE, 6-8", MIN. 3/4" CAL., B&B OR CONT.
9	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	7	EA	CERCIS CANADENSIS, REDBUD, 3-4' B&B OR CONT.
2	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)	8	EA	CERCIS CANADENSIS, REDBUD, 5-6', B&B OR CONT.
Lump Sum	LS	GENERIC LIGHTING ITEM LOW VOLTAGE LIGHT SYSTEM	3	EA	CHIONANTHUS VIRGINICUS, FRINGE TREE, 3-4' B&B OR CONT.
29	EA	GENERIC LIGHTING ITEM DAVIT STYLE LIGHT STANDARD, MH 35' SA 6'	12	EA	FAGUS GRANDIFOLIA, AMERICAN BEECH, 6-8", MIN. 3/4" CAL., B&B OR CONT.
21	EA	GENERIC LIGHTING ITEM LGT STD LUMINAIRE, 250W, HPS, TYPE C2	31	EA	HALESIA CAROLINA, CAROLINA SILVERBELL, 6-8", MIN. 3/4" CAL., B&B OR CONT.
8	EA	GENERIC LIGHTING ITEM LGT STD LUMINAIRE, 250W, HPS, TYPE C3	20	EA	ILEX OPACA, AMERICAN HOLLY, 4-5', N
1	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, TYPE RA 120/208V 80A	20	EA	JUNIPERUS VIRGINIANA, EASTERN RED CEDAR, 3-4' LS
23	EA	GENERIC LIGHTING ITEM POST TOP LGT STD	14	EA	JUNIPERUS VIRGINIANA, EASTERN RED CEDAR, 6-7', B&B, LS
11	EA	GENERIC LIGHTING ITEM POST TOP LUMINAIRE, 100W, MH, TYPE C3	12	EA	LIQUIDAMBAR STYRACIFLUA, SWEETGUM, 'ROTUNDILOBA' 2-2 1/2 " CAL., B&B
12	EA	GENERIC LIGHTING ITEM POST TOP LUMINAIRE, 100W, MH, TYPE C5	12	EA	LIQUIDAMBAR STYRACIFLUA, SWEETGUM, 'ROTUNDILOBA' 6-8", MIN. 3/4" CAL., B&B OR CONT.
23	EA	GENERIC LIGHTING ITEM STD FOUNDATION, TYPE R1S	34	EA	OXYDENDRUM ARBOREUM, SOURWOOD, 1 1/2-2" CAL., B&B OR CONT
3,500	LF	TEMPORARY SILT FENCE	38	EA	OXYDENDRUM ARBOREUM, SOURWOOD, 5-6', B&B OR CONT.
300	TON	STONE FOR EROSION CONTROL, CLASS A	3	EA	QUERCUS ALBA, WHITE OAK, 2-2 1/2 " CAL., B&B
1,085	TON	STONE FOR EROSION CONTROL, CLASS B	13	EA	QUERCUS COCCINEA, SCARLET OAK, 1-1 1/4" CAL., B&B OR CONT.
665	TON	SEDIMENT CONTROL STONE	17	EA	QUERCUS PHELLOS, WILLOW OAK, 1-1 1/4" CAL., B&B OR CONT.
20	ACR	TEMPORARY MULCHING	3	EA	GENERIC PLANTING ITEM ABIES FRASERI, FRASER FIR 7-8', B&B, LS
400	LB	SEED FOR TEMPORARY SEEDING	11	EA	GENERIC PLANTING ITEM AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE', 2-2 1/2 " CAL., B&B
1.75	TON	FERTILIZER FOR TEMPORARY SEED- ING	68	EA	GENERIC PLANTING ITEM AMSONIA HUBRICHTII, WILLOW BLUESTAR 4" POT OR QT. CONT., -DEEP
900	LF	TEMPORARY SLOPE DRAINS	286	EA	GENERIC PLANTING ITEM ANDROPOGON GLOMERATUS, BUSHY BLUESTEM, 2 1/4" SQ.POT, TRAY OF 32
14	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	12	EA	GENERIC PLANTING ITEM ANDROPOGON GLOMERATUS, BUSHY BLUESTEM, 3 1/2" - 4" POT, TRAY OF 18
1,050	LF	SAFETY FENCE			
7,210	CY	SILT EXCAVATION			
5,600	SY	MATTING FOR EROSION CONTROL			

256	EA	GENERIC PLANTING ITEM ANDROPOGON TENARIUS, SPLIT BEARD BROOMSEDGE, 2 1/4" SQ.POT, TRAY OF 32	9	EA	GENERIC PLANTING ITEM CORNUS SERICEA 'CARDINAL' REDSIER DOGWOOD 2-3', MIN. #3 CONT
18	EA	GENERIC PLANTING ITEM ARCTOSTAPHYLOS UVA-URSI 'MASS ACHUSETTS' KINNICKINNICK 12"MIN, #1CONT. MIN., N	64	EA	GENERIC PLANTING ITEM DESCHAMPSIA CESPITOSA, TUFTED HAIR GRASS 2 1/4" SQ.POT, TRAY OF 32
124	EA	GENERIC PLANTING ITEM ARONIA ARBUTIFOLIA 'BRILLIANT- ISSIMA', RED CHOKEBERRY, 2-3', MIN. #3 CONT.	15	EA	GENERIC PLANTING ITEM DESCHAMPSIA CESPITOSA, TUFTED HAIR GRASS 3 1/2" - 4" POT, TRAY OF 18
288	EA	GENERIC PLANTING ITEM ASCLEPIAS TUBEROSA, BUTTERFLY WEED 4" POT OR QT. CONT. -DEEP	161	EA	GENERIC PLANTING ITEM DIERVILLA SESSILIFOLIA 'BUTTER FLY', BUSH HONEYSUCKLE, 15-18", MIN. #3 CONT.
75	EA	GENERIC PLANTING ITEM ASTER LAEVIS, SMOOTH BLUE ASTER 4" POT OR QT. CONT. -DEEP	17	EA	GENERIC PLANTING ITEM DRYOPTERIS MARGINALIS,MARGINAL SHIELD FERN, 4" POT OR QT. CONT.-DEEP
163	EA	GENERIC PLANTING ITEM ASTER NOVAE-ANGLIAE, NEW ENGLAND ASTER 4" POT OR QT. CONT -DEEP	90	EA	GENERIC PLANTING ITEM ECHINACEA PALLIDA, PALE PURPLE CONEFLOWER, 4" POT OR QT. CONT -DEEP
90	EA	GENERIC PLANTING ITEM BOLTONIA ASTEROIDES, FALSE ASTER 4" POT OR QT. CONT -DEEP	411	EA	GENERIC PLANTING ITEM ECHINACEA PURPUREA, PURPLE CONEFLOWER, 4" POT OR QT. CONT.-DEEP
141	EA	GENERIC PLANTING ITEM CALLICARPA AMERICANA, BEAUTYBERRY, 2-3', MIN. #3 CONT	27	EA	GENERIC PLANTING ITEM ECHINACEA PURPUREA, 'RUBY STAR' CONEFLOWER, 4" POT OR QT. CONT -DEEP
6	EA	GENERIC PLANTING ITEM CALYCANTHUS FLORIDUS, CAROLINA ALLSPICE 18-24", MIN. #3 CONT.	26	EA	GENERIC PLANTING ITEM EUPATORIUM MACULATUM, JOE PYE WEED 4" POT OR QT. CONT.-DEEP
10	EA	GENERIC PLANTING ITEM CARPINUS CAROLINIANA, HORNBEAM 5-6', B&B OR CONT.	11	EA	GENERIC PLANTING ITEM FOTHERGILLA GARDENII, DWARF FOTHERGILLA, 15-18", MIN. #3 CONT.
17	EA	GENERIC PLANTING ITEM CARYA OVATA, SHAGBARK HICKORY 6-8', MIN. 3/4" CAL., B&B OR CONT.	4	EA	GENERIC PLANTING ITEM FRAXINUS AMERICANA, WHITE ASH 2-2 1/2 " CAL., B&B
11	EA	GENERIC PLANTING ITEM CARYA TOMENTOSA, MOCKERNUT HICKORY 6-8', MIN. 3/4" CAL., B&B OR CONT.	75	EA	GENERIC PLANTING ITEM GAURA LINDHEIMERI, GAURA 4" POT OR QT. CONT. -DEEP
101	EA	GENERIC PLANTING ITEM CEANOTHUS AMERICANUS, NEW JERSEY TEA 15-18", MIN. #3 CONT.	15	EA	GENERIC PLANTING ITEM HAMAMELIS VIRGINIANA, AUTUMN WITCH HAZEL 2-3', MIN. #3 CONT
9	EA	GENERIC PLANTING ITEM CEPHALANTHUS OCCIDENTALIS 'SPUTNIK' BUTTONBUSH, 2-3', MIN. #3 CONT N	58	EA	GENERIC PLANTING ITEM HELIANTHUS ANGUSTIFOLIUS SWAMP SUNFLOWER, 4" POT OR QT. CONT.
3	EA	GENERIC PLANTING ITEM CERCIS CANADENSIS 'FOREST PANSY' REDBUD 2-2 1/2" CAL., B&B	78	EA	GENERIC PLANTING ITEM HELIOPSIS HELIANTHOIDES FALSE SUNFLOWER, 4" POT OR QT. CONT.
160	EA	GENERIC PLANTING ITEM CHASMANTHIUM LATIFOLIUM, RIVER OATS 2 1/4" SQ.POT, TRAY OF 32	147	EA	GENERIC PLANTING ITEM HYDRANGEA ARBORESCENS 'DARDOM' WHITE DOME HYDRANGEA, 15-18", MIN. #3 CONT.
19	EA	GENERIC PLANTING ITEM CHASMANTHIUM LATIFOLIUM, RIVER OATS 3 1/2" - 4" POT, TRAY OF 18	2	EA	GENERIC PLANTING ITEM HYDRANGEA QUERCIFOLIA 'SIKES DWARF' OAKLEAF HYDRANGEA 18-24", MIN. #3 CONT.
3	EA	GENERIC PLANTING ITEM CIMICIFUGA RACEMOSA, BUGBANE 4" POT OR QT. CONT. -DEEP	284	EA	GENERIC PLANTING ITEM HYPERICUM FRONDOSUM 'SUNBURST' GOLDEN ST. JOHN'S WORT, 12-15", MIN. #1 CONT, N
176	EA	GENERIC PLANTING ITEM CLETHRA ALNIFOLIA 'HUMMING- BIRD' SWEET PEPPERBUSH, 15-18", MIN. #3 CONT.	14	EA	GENERIC PLANTING ITEM ILEX GLABRA 'DENSE' INKBERRY HOLLY 15-18", MIN. #3 CONT., N
10	EA	GENERIC PLANTING ITEM CLETHRA ALNIFOLIA, SWEET PEPPERBUSH, 18-24", MIN. #3 CONT.	207	EA	GENERIC PLANTING ITEM ILEX VERTICILLATA 'RED SPRITE' WINTERBERRY 15-18", MIN. #3 CONT.
90	EA	GENERIC PLANTING ITEM COREOPSIS LANCEOLATA, TICKSEED 4" POT OR QT. CONT. -DEEP	17	EA	GENERIC PLANTING ITEM ILEX VERTICILLATA 'WINTER RED' WINTERBERRY 18-24", MIN. #3 CONT.
3	EA	GENERIC PLANTING ITEM CORNUS FLORIDA 'CHEROKEE BRAVE' FLOWERING DOGWOOD 2-2 1/2 " CAL., B&B	21	EA	GENERIC PLANTING ITEM ILICUM FLORIDANUM, FLORIDA ANISE, 18-24", MIN. #3 CONT. N
11	EA	GENERIC PLANTING ITEM CORNUS FLORIDA 'CHEROKEE PRINCESS', FLOWERING DOGWOOD 2-2 1/2 " CAL., B&B	191	EA	GENERIC PLANTING ITEM ITEA VIRGINICA 'HENRYS GARNET' VIRGINIA SWEETSPIRE, 15-18", MIN. #3 CONT.
			450	EA	GENERIC PLANTING ITEM JUNCUS EFFUSUS, SOFT RUSH 2 1/4" SQ.POT, TRAY OF 32
			19	EA	GENERIC PLANTING ITEM JUNCUS EFFUSUS, SOFT RUSH 3 1/2" - 4" POT, TRAY OF 18

12	EA	GENERIC PLANTING ITEM JUNIPERUS VIRGINIANA 'BRODIE' EASTERN RED CEDAR 5-6', LS	159	EA	GENERIC PLANTING ITEM RHODODENDRON CATAWBIENSE, CATAWBA RHOD. 18-24", MIN. #3 CONT, N
54	EA	GENERIC PLANTING ITEM KALMIA LATIFOLIA, MOUNTAIN LAUREL, 18-24", MIN. #3 CONT. N	5	EA	GENERIC PLANTING ITEM RHUS AROMATICA 'GRO-LOW' FRAGRANT SUMAC, 9-15", MIN. #1 CONT.
341	EA	GENERIC PLANTING ITEM LEUCOTHOE FONTANESIANA DROOPING LEUCOTHOE 12-15", MIN. #1 CONT N	102	EA	GENERIC PLANTING ITEM RHUS GLABRA, SMOOTH SUMAC 9-15", MIN. #1 CONT.
19	EA	GENERIC PLANTING ITEM LIRIODENDRON TULIPIFERA, TULIP POPLAR 2-2 1/2 " CAL., B&B	20	EA	GENERIC PLANTING ITEM RUDBECKIA FULGIDA 'GOLDSTRUM' ORANGE CONEFLOWER, 4" POT OR QT. CONT.
41	EA	GENERIC PLANTING ITEM LIRIODENDRON TULIPIFERA, TULIP POPLAR 6-8", MIN. 3/4" CAL., B&B OR CONT.	90	EA	GENERIC PLANTING ITEM RUDBECKIA FULGIDA, ORANGE CONEFLOWER, 4" POT OR QT. CONT -DEEP
10	EA	GENERIC PLANTING ITEM MAGNOLIA ACUMINATA, CUCUMBER TREE 6-8", MIN. 3/4" CAL., B&B OR CONT.	78	EA	GENERIC PLANTING ITEM RUDBECKIA SUBTOMENTOSA, SWEET BLACK-EYED SUSAN, 4" POT OR QT. CONT. -DEEP
92	EA	GENERIC PLANTING ITEM MONARDA DIDYMA, BEE-BALM 4" POT OR QT. CONT. -DEEP	15	EA	GENERIC PLANTING ITEM RUDBECKIA TRILOBA, BROWN-EYED SUSAN 4" POT OR QT. CONT. -DEEP
90	EA	GENERIC PLANTING ITEM MONARDA FISTULOSA, WILD BERGAMOT 4" POT OR QT. CONT. -DEEP	7	EA	GENERIC PLANTING ITEM SAMBUCUS CANADENSIS, AMERICAN ELDER 12-18", MIN. #1 CONT.
17	EA	GENERIC PLANTING ITEM OSTRYA VIRGINIANA, HOPHORNBEAM 1 1/2-2" CAL, B&B OR CONT	45	EA	GENERIC PLANTING ITEM SCHIZACHYRIUM SCOPARIUM 'THE BLUES' LITTLE BLUESTEM 3 1/2 - 4" POT 18 TRAY
63	EA	GENERIC PLANTING ITEM PANICUM VIRGATUM 'CLOUD NINE', SWITCHGRASS, 3 1/2" - 4" POT, TRAY OF 18	311	EA	GENERIC PLANTING ITEM SCIRPUS CYPERINUS, WOOL GRASS 2 1/4" SQ.POT, TRAY OF 32
11	EA	GENERIC PLANTING ITEM PANICUM VIRGATUM 'HANSE HERMS' SWITCHGRASS, 3 1/2" - 4" POT, TRAY OF 18	45	EA	GENERIC PLANTING ITEM SISYRINCHIUM ANGUSTIFOLIUM BLUE-EYED GRASS, 4" POT OR QT. CONT. -DEEP
5	EA	GENERIC PLANTING ITEM PANICUM VIRGATUM 'HEAVY METAL' SWITCHGRASS, 3 1/2" - 4" POT, TRAY OF 18	197	EA	GENERIC PLANTING ITEM SOLIDAGO CANADENSIS, COMMON GOLDENROD 4" POT OR QT. CONT. -DEEP
7	EA	GENERIC PLANTING ITEM PANICUM VIRGATUM 'SHENANDOAH' SWITCHGRASS, 3 1/2" - 4" POT, TRAY OF 18	6	EA	GENERIC PLANTING ITEM SOLIDAGO 'FIREWORKS', FIREWORKS GOLDENROD 4" POT OR QT. CONT. -DEEP
128	EA	GENERIC PLANTING ITEM PANICUM VIRGATUM, SWITCHGRASS 2 1/4" SQ.POT, TRAY OF 32	75	EA	GENERIC PLANTING ITEM SOLIDAGO RIGIDA, STIFF GOLDENROD 4" POT OR QT. CONT. -DEEP
110	EA	GENERIC PLANTING ITEM PHYSOCARPUS OPULIFOLIUS 'SUMMER WINE', NINEBARK, 15-18", MIN. #3 CONT.	128	EA	GENERIC PLANTING ITEM SORGHASTRUM NUTANS, INDIAN GRASS 2 1/4" SQ.POT, TRAY OF 32
75	EA	GENERIC PLANTING ITEM PHYSOSTEGIA VIRGINIANA, OBEDIENT PLANT, 4" POT OR QT. CONT.-DEEP	45	EA	GENERIC PLANTING ITEM SORGHASTRUM NUTANS, INDIAN GRASS 3 1/2" - 4" POT, TRAY OF 18
1	EA	GENERIC PLANTING ITEM PINUS STROBUS 'CONEY ISLAND', WHITE PINE 18-24", LS	206	EA	GENERIC PLANTING ITEM SPARTINA BAKERI, CORD GRASS 2 1/4" SQ.POT, TRAY OF 32
29	EA	GENERIC PLANTING ITEM PINUS STROBUS, WHITE PINE 4-5', B&B, LS	1,444	EA	GENERIC PLANTING ITEM SPOROBOLIS HETEROLEPIS, PRAIRIE DROPEED, 2 1/4" SQ.POT, TRAY OF 32
16	EA	GENERIC PLANTING ITEM PINUS STROBUS, WHITE PINE 6-7', B&B, LS	11	EA	GENERIC PLANTING ITEM SPOROBOLIS HETEROLEPIS, PRAIRIE DROPEED, 3 1/2" - 4" POT, TRAY OF 18
6	EA	GENERIC PLANTING ITEM QUERCUS FALCATA, SOUTHERN RED OAK 2-2 1/2 " CAL., B&B	1	EA	GENERIC PLANTING ITEM STEWARTIA OVATA, MOUNTAIN STEWARTIA, 5-6', B&B OR CONT.
7	EA	GENERIC PLANTING ITEM QUERCUS IMBRICARIA, SHINGLE OAK, 6-8", MIN. 3/4" CAL., B&B OR CONT.	1	EA	GENERIC PLANTING ITEM STYRAX AMERICANA, AMERICAN SNOWBELL 6-8", MIN. 3/4" CAL., B&B OR CONT.
4	EA	GENERIC PLANTING ITEM QUERCUS LYRATA, OVERCUP OAK 1-1 1/4" CAL., B&B OR CONT.	2	EA	GENERIC PLANTING ITEM THUJA OCCIDENTALIS 'DEGROOT'S SPIRE' AMERICAN ARBORVITAE, 5-6', LS
4	EA	GENERIC PLANTING ITEM QUERCUS MACROCARPA, BUR OAK 1-1 1/4" CAL., B&B	3	EA	GENERIC PLANTING ITEM THUJA OCCIDENTALIS 'GOLDEN TUFFET' AMERICAN ARBORVITAE, 15-18", LS
25	EA	GENERIC PLANTING ITEM QUERCUS NUTTALLII, NUTTALL OAK 2-2 1/2 " CAL., B&B	1	EA	GENERIC PLANTING ITEM THUJA OCCIDENTALIS 'TECHY GOLD' AMERICAN ARBORVITAE, 5-6', LS
10	EA	GENERIC PLANTING ITEM QUERCUS PRINUS, CHESTNUT OAK 2-2 1/2 " CAL., B&B			
28	EA	GENERIC PLANTING ITEM RHODODENDRON CALENDULACEUM, FLAME AZALEA, MIN. #3 CONT.			

			Lump Sum	LS	GENERIC REST AREA ITEM GEN. CONSTRUCTION OF REST AREA/VISITOR CENTER BUILDING	
			Lump Sum	LS	GENERIC REST AREA ITEM HVAC INSTALLATION FOR THE REST AREA/VISITOR CENTER BUILDING	
4	EA	GENERIC PLANTING ITEM THUJA OCCIDENTALIS, AMERICAN ARBORVITAE 6-7', B&B, LS	Lump Sum	LS	GENERIC REST AREA ITEM LANDSCAPE GRADING	
15	EA	GENERIC PLANTING ITEM TRADESCANTIA VIRGINIANA, VIRGINIA SPIDERWORT, 4" POT OR QT. CONT -DEEP	Lump Sum	LS	GENERIC REST AREA ITEM MAINTENANCE BUILDING	
3	EA	GENERIC PLANTING ITEM TSUGA CANADENSIS 'COLE'S PROSTRATE' CANADIAN HEMLOCK 18-24", LS	Lump Sum	LS	GENERIC REST AREA ITEM NATURE TRAIL CROSSING (TOTAL OF 4 CROSSINGS)	
1	EA	GENERIC PLANTING ITEM TSUGA CANADENSIS 'JEDDELOH' CANADIAN HEMLOCK 18-24", LS	Lump Sum	LS	GENERIC REST AREA ITEM PLUMBING INSTALLATION FOR THE REST AREA/VISITOR CENTER BUILDING	
2	EA	GENERIC PLANTING ITEM TSUGA CANADENSIS 'STOCKMAN'S DWARF' CANADIAN HEMLOCK 18-24", LS	Lump Sum	LS	GENERIC REST AREA ITEM SPECIAL REST AREA SIGNAGE	
19	EA	GENERIC PLANTING ITEM TSUGA CANADENSIS, CANADIAN HEMLOCK 3-4' LS	1,874	LF	GENERIC REST AREA ITEM 1" PVC WATER PIPE, SCH-80	
8	EA	GENERIC PLANTING ITEM TSUGA CANADENSIS, CANADIAN HEMLOCK 6-7', B&B, LS	485	LF	GENERIC REST AREA ITEM 1" SLEEVE FOR UNDERGROUND ELEC/PHONE SERVICE (SCH-40 PVC)	
13	EA	GENERIC PLANTING ITEM ULMUS ALATA, WINGED ELM 6-8", MIN. 3/4" CAL., B&B OR CONT.	152	LF	GENERIC REST AREA ITEM 3" PVC WATER PIPE, SCH-80	
107	EA	GENERIC PLANTING ITEM VERNONIA NOVEBORACENSIS, NEW YORK IRONWEED, 4" POT OR QT. CONT. -DEEP	35	LF	GENERIC REST AREA ITEM 3/4" PVC WATER PIPE, SCH-80	
134	EA	GENERIC PLANTING ITEM VIBURNUM ACERIFOLIUM, MAPLELEAF VIBURNUM, 18-24", MIN. #3 CONT .	292	LF	GENERIC REST AREA ITEM 4" PVC DUCT	
1,229	CY	MULCH FOR PLANTING	555	LF	GENERIC REST AREA ITEM 4" PVC/ABS -DWV, SCH 40 DRAIN PIPE	
186	M/G	WATER FOR PLANTING	140	LF	GENERIC REST AREA ITEM 6" DUCTILE IRON GRAVITY SEWER	
7,755	SY	POSTEMERGENT HERBICIDAL TREAT- MENT FOR PLANT BEDS	89	LF	GENERIC REST AREA ITEM 6" PVC (SDR-35) GRAVITY SEWER	
7,755	SY	PREEMERGENT HERBICIDAL TREAT- MENT FOR PLANT BEDS	96	LF	GENERIC REST AREA ITEM 6" PVC/ABS -DWV, SCH 40 DRAIN PIPE	
110	TON	GENERIC PLANTING ITEM CREEK STONE FOR FOREBAY	2,985	LF	GENERIC REST AREA ITEM NATURE TRAIL CONSTRUCTION	
54	TON	GENERIC PLANTING ITEM SPILLWAY CREEK STONE	1,750	LF	GENERIC REST AREA ITEM TREE PROTECTION FENCE	
295	CY	GENERIC PLANTING ITEM 12 MONTH AGED HARDWOOD MULCH	376	SF	GENERIC REST AREA ITEM COBBLESTONE WALKWAY	
343	CY	TOPSOIL				
5	EA	PICNIC TABLE, TERRAZZO & STEEL	1,704	LF	15" RC PIPE CULVERTS, CLASS III	***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
3	EA	PICNIC SHELTER, SINGLE PICNIC TABLE	1,380	LF	18" RC PIPE CULVERTS, CLASS III	
4	EA	3/4" POST TYPE YARD HYDRANT	892	LF	24" RC PIPE CULVERTS, CLASS III	
7	EA	GENERIC REST AREA ITEM 1" GATE VALVE AND BOX				*** OR ***
1	EA	GENERIC REST AREA ITEM 3" GATE VALVE AND BOX	208	LF	15" RC PIPE CULVERTS, CLASS III	
9	EA	GENERIC REST AREA ITEM 3/4" GATE VALVE AND BOX	76	LF	18" RC PIPE CULVERTS, CLASS III	
4	EA	GENERIC REST AREA ITEM 4" SANITARY SEWER CLEANOUT	104	LF	24" RC PIPE CULVERTS, CLASS III	
4	EA	GENERIC REST AREA ITEM DEPRESSED CURB	1,496	LF	**** HDPE PIPE CULVERTS (15")	
1	EA	GENERIC REST AREA ITEM FLAGPOLE	1,304	LF	**** HDPE PIPE CULVERTS (18")	
3	EA	GENERIC REST AREA ITEM IRRIGATION HYDRANT	788	LF	**** HDPE PIPE CULVERTS (24")	
7	EA	GENERIC REST AREA ITEM LOG BENCH				*** OR ***
5	EA	GENERIC REST AREA ITEM NATURE TRAIL LANDING CONSTRUCTION	208	LF	15" RC PIPE CULVERTS, CLASS III	
15	EA	GENERIC REST AREA ITEM NATURE TRAIL STEPS	76	LF	18" RC PIPE CULVERTS, CLASS III	
189	EA	GENERIC REST AREA ITEM PLACEMENT OF BOULDER OR LARGE FLAT STONE	104	LF	24" RC PIPE CULVERTS, CLASS III	
3	EA	GENERIC REST AREA ITEM SPOT LIGHT	1,496	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15")	
1	EA	GENERIC REST AREA ITEM TELEPHONE PEDESTAL	1,304	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18")	
16	EA	GENERIC REST AREA ITEM TRASH RECEPTACLE	788	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24")	
Lump Sum	LS	GENERIC REST AREA ITEM ELECTRICAL INSTALLATION FOR THE REST AREA/VISITOR CENTER BUILDING				*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071120 018

CONTRACT ID : C201584 33374.3.1

DIV OFFICE SHELBY

LENGTH = 0.273 MI

COUNTY : ALEXANDER

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER ROCKY CREEK AND APPROACHES ON SR-1446.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+18.00)			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
750	CY	UNDERCUT EXCAVATION			
390	CY	DRAINAGE DITCH EXCAVATION			
500	CY	SELECT GRANULAR MATERIAL			
500	SY	FABRIC FOR SOIL STABILIZATION			
300	SF	TEMPORARY SHORING			
35	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
144	LF	*** SIDE DRAIN PIPE (15")			
40	LF	15" RC PIPE CULVERTS, CLASS III			
88	LF	24" RC PIPE CULVERTS, CLASS III			
44	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			
42	LF	PIPE REMOVAL			
255	TON	AGGREGATE BASE COURSE			
100	TON	INCIDENTAL STONE BASE			
1,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
680	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
105	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
95	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
0.22	CY	PIPE PLUGS			
3	CY	FLOWABLE FILL			
3	EA	MASONRY DRAINAGE STRUCTURES			
1.5	LF	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.29			
1	EA	FRAME WITH COVER, STD 840.54			
10	LF	SHOULDER BERM GUTTER			
100	LF	CONCRETE EXPRESSWAY GUTTER			
200	LF	STEEL BM GUARDRAIL			
62.5	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			
50	LF	TEMPORARY STEEL BM GUARDRAIL			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			
263	TON	RIP RAP, CLASS B			
735	SY	FILTER FABRIC FOR DRAINAGE			
41.4	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)			
31.75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
224	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
4	EA	SIGN ERECTION, TYPE D			
8	EA	SIGN ERECTION, TYPE E			
14	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL			
72	SF	WORK ZONE SIGNS (STATIONARY)			

96	SF	WORK ZONE SIGNS (PORTABLE)			
60	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
40	EA	DRUMS			
40	EA	CONES			
192	LF	BARRICADES (TYPE III)			
276	HR	FLAGGER			
32,440	LF	PAINT PAVEMENT MARKING LINES (4")			
3,240	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
750	LF	TEMPORARY SILT FENCE			
90	TON	STONE FOR EROSION CONTROL, CLASS A			
170	TON	STONE FOR EROSION CONTROL, CLASS B			
55	TON	SEDIMENT CONTROL STONE			
4.5	ACR	TEMPORARY MULCHING			
150	LB	SEED FOR TEMPORARY SEEDING			
0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING			
140	LF	TEMPORARY SLOPE DRAINS			
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
400	LF	SAFETY FENCE			
1,220	CY	SILT EXCAVATION			
1,100	SY	MATTING FOR EROSION CONTROL			
45	SY	COIR FIBER MAT			
2,980	SY	PERMANENT SOIL REINFORCEMENT MAT			
40	LF	1/4" HARDWARE CLOTH			
225	LF	COIR FIBER BAFFLES			
1	EA	*** SKIMMER (1-1/2")			
1	EA	*** SKIMMER (2")			
2	EA	*** SKIMMER (2-1/2")			
5	ACR	SEEDING & MULCHING			
2.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
100	LB	SEED FOR SUPPLEMENTAL SEEDING			
3.75	TON	FERTILIZER TOPDRESSING			
2	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			
0.15	ACR	REFORESTATION			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+18.00-L-)			
4,055	SF	REINFORCED CONCRETE DECK SLAB			
4,120	SF	GROOVING BRIDGE FLOORS			
75.4	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+18.00-L-)			
11,919	LB	REINFORCING STEEL (BRIDGE)			
122,300	LS	APPROX ..... LBS STRUCTURAL STEEL			
675	LF	HP12X53 STEEL PILES			
217.23	LF	TWO BAR METAL RAIL			
234.3	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-6")			
280	TON	RIP RAP CLASS II (2'-0" THICK)			
310	SY	FILTER FABRIC FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	EVAZOTE JOINT SEALS			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 019

CONTRACT ID : C201916 12CR.10181.5

DIV OFFICE SHELBY

LENGTH = 27.650 MI

COUNTY : CATAWBA

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

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

2 SECTIONS OF NC-10, 1 SECTION OF US-70 &amp; NC-127, AND 14 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
970	TON	INCIDENTAL STONE BASE
30.75	SMI	SHOULDER RECONSTRUCTION
7,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
15,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
2,417	SY	INCIDENTAL MILLING
1,125	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
32,940	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,610	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
2,322	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4,500	TON	PATCHING EXISTING PAVEMENT
9,165	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
4	EA	ADJUSTMENT OF CATCH BASINS
3	EA	ADJUSTMENT OF DROP INLETS
20	EA	ADJUSTMENT OF MANHOLES
25	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
108,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
123,450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
738	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
39	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
692,000	LF	PAINT PAVEMENT MARKING LINES (4")
700	LF	PAINT PAVEMENT MARKING LINES (8")
870	EA	SNOWPLOWABLE PAVEMENT MARKERS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 020

CONTRACT ID : C201919 12CR.10361.8

DIV OFFICE SHELBY

LENGTH = 10.200 MI

COUNTY : GASTON

MILLING &amp; RESURFACING.

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

US-321 (E CHESTER ST) FROM US-27/74 (FRANKLIN BLVD) TO HARVIE AVE &amp; 14 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
500	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT
485	TON	INCIDENTAL STONE BASE
23,045	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
6,160	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (3" TO 5")
100	SY	INCIDENTAL MILLING
215	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
12,063	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
875	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
568	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
28	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
790	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
36	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,368	TON	PATCHING EXISTING PAVEMENT
3	EA	CONCRETE WHEELCHAIR RAMPS
3	EA	ADJUSTMENT OF CATCH BASINS
23	EA	ADJUSTMENT OF MANHOLES
16	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
11,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
830	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
413	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
43	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
300,178	LF	PAINT PAVEMENT MARKING LINES (4")
100	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 021

CONTRACT ID : C201915 12CR.10551.5

DIV OFFICE SHELBY

LENGTH = 13.660 MI

COUNTY : LINCOLN

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

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

2 SECTIONS OF NC-150 BYPASS, 1 SECTION OF NC-150 &amp; NC-182, AND 5 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
420	TON	INCIDENTAL STONE BASE
26.44	SMI	SHOULDER RECONSTRUCTION
2,500	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
3,066	SY	INCIDENTAL MILLING
17,197	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,968	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,224	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,224	TON	PATCHING EXISTING PAVEMENT
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
64,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
63,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
336	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
361,400	LF	PAINT PAVEMENT MARKING LINES (4")
565	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071120 022

CONTRACT ID : C201914 12CR.10231.6

DIV OFFICE SHELBY

LENGTH = 18.130 MI

COUNTY : CLEVELAND

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 15 2008

3 SECTIONS OF NC-18, 2 SECTIONS OF US-74, 1 SECTION OF NC-182, AND 11 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
735	TON	MOBILIZATION
10.83	SMI	INCIDENTAL STONE BASE
6,934	SY	SHOULDER RECONSTRUCTION
63,608	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
2,675	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
29,721	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1-1/2" TO 5")
2,000	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (3" TO 5")
25,109	TON	INCIDENTAL MILLING
1,230	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,030	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
201	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,585	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
254	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,855	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1	EA	PATCHING EXISTING PAVEMENT
6	EA	CONCRETE WHEELCHAIR RAMPS
22	EA	ADJUSTMENT OF DROP INLETS
22	EA	ADJUSTMENT OF MANHOLES
64,253	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
81,030	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
80	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
829	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
111	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
335,198	LF	PAINT PAVEMENT MARKING LINES (4")
1,680	EA	SNOWPLOWABLE PAVEMENT MARKERS