




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

August 24, 2010

NOTICE TO: All Prequalified Contractors

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

SUBJECT: Change in Definition of Women's Business Enterprise (WBE)

On August 2, 2010, the Governor signed House Bill 1734 revising the definition of a woman-owned business as described in G.S. 136-28.4. Per the filed definition, "Women" means a non-minority person born of the female sex.

With this change please be advised that effective with the September 21, 2010 bid letting, state funded projects with a WBE goal can only be met with non-minority woman-owned businesses. No longer will minority woman-owned businesses be able to carry dual certifications (i.e. MBE and WBE). The Transportation Directory will reflect the changes filed under the bill.

If you have any questions on this change, please contact Mr. Michael McKoy or Ms. Terry Canales, PE of the Contractual Services Unit at 919-733-7174.

*Connecting people and places in North Carolina – safely and efficiently with accountability and environmental sensitivity.*

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4128  
FAX: 919-250-4119

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

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC



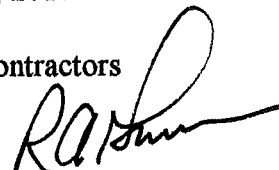
STATE OF NORTH CAROLINA  
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July 20, 2010

MEMORANDUM TO: All Prequalified Contractors

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

SUBJECT: Upgrade to Expedite 5.9a

Please be advised that effective with the September 21, 2010 bid letting, the North Carolina Department of Transportation will be upgrading from Expedite 5.7a to Expedite 5.9a.

This new version of software will be available for download from either the NC Department of Transportation or the Bid Express web site. The links are listed below. **Before upgrading your software, please ensure you have backed up your digital id.** If you have not done so, this can be accomplished through the Tools menu under Digital ID's. It is recommended you then uninstall the Expedite 5.7a version to ensure no confusion in the future. Once you have installed Expedite 5.9a, you need to enter in your Bidder Information and Agency ID. The digital id backup file you created in the previous version will also need to be imported back in through the Tools menu under Digital ID's. If you do not feel comfortable with any of this procedure, please do not hesitate to contact the Bid Express helpdesk at (352) 381-4888 to have them walk you through this upgrade. The staff in the Contract Standards & Development Unit is also available for any further questions you may have concerning this transition at (919) 250-4124. Also, please be aware that only Expedite 5.9a will open NCDOT's ebs files starting with the September 21, 2010 bid letting.

The process of creating a new digital id has been removed from Expedite 5.9a. This functionality can now be obtained through the Bid Express Website ([www.bidx.com](http://www.bidx.com)). Further assistance with obtaining a new digital signature can be obtained at the Bid Express helpdesk at (352) 381-4888.

**Bid Express**  
<http://www.bidx.com>

**NC Department of Transportation**  
<http://www.ncdot.gov/doh/preconstruct/ps/contracts/expedi/swexped/setup>

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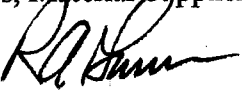
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July 20, 2010

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

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

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

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

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

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

If you have any questions, I can be reached at (919) 250-4128.

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UPDATED JULY 20, 2010

<b>TIP#</b>	<b>DIVISION</b>	<b>COUNTY</b>	<b>DESCRIPTION</b>	<b>TENTATIVE LET DATE</b>
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	DECEMBER 21, 2010
R-2519A	13	YANCEY	US 19 EAST FROM SR 1336 TO NC 80	MAY 17, 2011
R-2413C	7	GUILFORD ROCKINGHAM	NC 68 CONNECTOR -US 220 FROM THE HAW RIVER TO EXISTING NC 68/US 220 INTERSECTION	JANUARY 17, 2012




STATE OF NORTH CAROLINA  
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May 18, 2010

**NOTICE TO:** All Prospective Bidders

**FROM:** R. A. Garris, P.E.   
State Contract Engineer

**SUBJECT:** Notification of Drum and Skinny-Drum Design Changes

The North Carolina Department of Transportation is in the process of implementing a design change affecting drums and skinny drums. The Work Zone Traffic Control Unit has been working with the South Carolina DOT to improve standardization between our 2 states in work zone layout and device specifications. As a result of this collaboration, we have both agreed to change our drum and skinny-drum standards to have devices that meet the specifications in both North and South Carolina. Both states have agreed to utilize a band pattern consisting of 4-6" retroreflective bands for each device. In addition, both states will now use Type III high intensity micro-prismatic sheeting or better as the new standard.

As a result of these changes the following guidelines will be used during the transition from existing drums with the standard 5 banded Engineer's grade sheeting to the new 4 banded configuration with Type III high intensity micro-prismatic sheeting.

- All new drums purchased after July 20, 2010 shall have the new sheeting and 4 band configuration.
- 5 band drums with Engineer's Grade sheeting (both new and used devices in existing inventories) will be allowed for use on all on-going construction projects until project completion and will also be allowed for use on other projects until a sunset date has been established.
- Intermixing of "old drums" and "new drums" on the same project is acceptable during the transition
- No 4 band drums with Engineer's Grade sheeting will be allowed at anytime

As such, beginning with the July 20, 2010 letting a new project special provision entitled "Channelizing Devices" will be included on all projects requiring "Drums" and/or "Skinny Drums". We will continue to work with our industry partners and other state agencies to improve standardization of work zone traffic control standards and devices where appropriate to improve the quality of safety devices and reduce costs wherever possible.

If you have any questions, contact Stuart Bourne at 919 250-4094 or [sbourne@ncdot.gov](mailto:sbourne@ncdot.gov)




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March 23, 2010

**NOTICE TO:** All Prospective Bidders

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

**SUBJECT:** Updates to the Work Zone Traffic Control Qualification and Training Program

The North Carolina Department of Transportation is in the process of implementing a Work Zone Qualification and Training Program. The program, in response to the Code of Federal Regulations (CFR) under Title 23, part 630, subpart j, states under 630.1008(d) Training: "States shall require that personnel involved in the development, design, implementation, operation, inspection, and enforcement of work zone related transportation management and traffic control be trained, appropriate to the job decisions each individual is required to make." It further states under 630.1012(e) Responsible persons: "The State and the Contractor shall each designate a trained person, as specified in 630.1008(d), at the project level who has the primary responsibility and sufficient authority for implementing the TMP (Traffic Management Plan) and other safety and mobility aspects of the project."

Based on input from NCDOT staff, Contractors, and Municipalities the program to date consists of the following requirements:

- 1) Basic Knowledge Document – Still under development  
This document should be no more than 4 or 5 pages that will be available for download from the Work Zone Traffic Control web site. This information is intended for all employees.
- 2) Flagger Training requirement – Effective 7/1/2010  
As of July 1, 2010 this program will require all flaggers to be trained to flag traffic by an approved training resource. A list of approved Flagger training courses and Flagger Trainer courses can be found on the following web site:  
<http://www.ncdot.gov/doh/preconstruct/wztc/WZTCTrainingProgram/default.html>  
No on the job training (OJT) is required. Recertification is every 4 years.

3) **Work Zone Installer – No formal implementation date**

This training will be determined by the employee's supervisor and should address the employee who is responsible for the proper work zone set up and inspection.

4) **Work Zone Supervisor – Effective 7/1/2011**

Every company will be required to have at least one Work Zone Supervisor that is responsible for the proper implementation of the Traffic Management Plan and any other safety and mobility aspects of a project. They will also be responsible for making sure all employees working inside the NCDOT right of way have training, appropriate to the job decisions each individual is required to make. Currently there are two approved training sources for the Work Zone Traffic Control Supervisor requirement: 1) The Institute of Transportation Research and Education (ITRE) contact Tim Baughman, PE 919-515-8654 [tbb@unity.ncsu.edu](mailto:tbb@unity.ncsu.edu) or 2) The American Traffic Safety Services Association (ATSSA) contact Donna Clark 540-368-1701 [donnac@atssa.com](mailto:donnac@atssa.com). Additional training resources may be approved as the program progresses. Recertification requirements to be determined.

5) **Work Zone Traffic Control Design Training – Effective date to be determined**

This training requirement is for anyone responsible for designing Traffic Management Plans over and above the use of typical drawings in the MUTCD.

We will continue to work with our industry partners through our Work Zone Qualification and Training Committee meetings and address all the issues that remain in the coming year. Additional information can be found on our web site at:

<http://www.ncdot.org/doh/preconstruct/wztc/WZTCTrainingProgram/default.html>

If you have questions or want to find out how you can be involved with this committee, contact Stuart Bourne at (919) 250-4159 or [sbourne@ncdot.gov](mailto:sbourne@ncdot.gov)



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November 17, 2009

Notice To: Prospective Bidders and Materials Suppliers  
From: R. A. Garris, PE *RA Garris*  
State Contract Officer  
Subject: Revised Drainage Pipe Standard Details and Pipe Alternates/Drainage  
Summary Revisions

Beginning with the October 2009 letting, the standard installation details for drainage pipe are revised and will be included in the two series sheets within the plans. In addition, Section 300 of the 2006 Standard Specifications has been revised and is included in the proposals as a project special provision. The major revisions are summarized as follows:

- Method A and Method B installation types are no longer referenced.
- There are separate details for flexible and rigid pipes.
- No direct payment will be made for select backfill and bedding material and it is considered incidental to the pipe.
- Line item payment is provided for foundation conditioning material and foundation conditioning fabric when required.
- For Reinforced Concrete Pipes, which require fill heights greater than 40', there is a special provision titled "Reinforced Concrete Pipe Design." This provision requires the contractor to submit a site specific pipe design for review and approval.

Beginning with the January 2010 letting, in addition to the revised drainage pipe installation details, a new Project Special Provision to expand the use of alternate drainage pipe materials was developed. This provision titled "Drainage Pipe" will be included in designated projects. Sections 310 and 1032 of the Standard Specifications have been modified to reflect the new requirements for Drainage Pipe selection. The revisions are summarized below:

- Modifications to the Drainage Summary and Estimate Plan Sheets have been made and the summary will have columns for \_\_\_" Drainage Pipe and/or \_\_\_" Side Drain Pipe.
- The associated pay items will also be designated \_\_\_" Drainage Pipe and \_\_\_" Side Drain Pipe. The use of the "Drainage Pipe" item will be limited to Regional and Sub-Regional tier facilities as determined by NCDOT. Statewide Tier facilities will not use the "Drainage Pipe" item, but will use the "Side Drain Pipe" pay item as defined in the revised Article 310-4 of the Specifications. Where allowed by the plans and contract document, contractors will be allowed to bid these items without specifying the material type at bid time. This will eliminate the need for multiple alternate bid items.

If you have questions regarding this revision please contact Joel Howerton at 919-250-4128 or [jhowerton@ncdot.gov](mailto:jhowerton@ncdot.gov).

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September 22, 2009

Notice To: Prospective Bidders and Material Suppliers  
From: R.A. Garris, PE   
State Contract Officer  
Subject: Counting of Material Costs for Meeting DBE, MBE or WBE Advertised Goals

The Department has received many questions regarding the use of DBE, MBE or WBE firms in a supplier role to count as participation on a contract to meet the advertised goal(s). Typically, DBEs, MBEs and WBEs do not act as suppliers on a contract. There are exceptions however, when a bidder can count expenditures with DBEs, MBEs or WBEs for materials or supplies toward advertised goals as provided by the following:

- 1) If the materials or supplies are obtained from a DBE, MBE or WBE manufacturer, 100 percent of the cost of the materials or supplies counts toward the advertised goal(s).

For purposes of clarification, a "manufacturer" is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract and of the general character described by the specifications.

- 2) If the materials or supplies are purchased from a DBE, MBE or WBE regular dealer, 60 percent of the cost of the materials or supplies counts toward the advertised goal(s).

For purposes of clarification, a "regular dealer" is a firm that own, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are being bought, kept in stock, and regularly sold or leased to the public in the usual course of business.

In addition, to be a regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question.

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

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A person may be regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business if the person both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by a long-term lease agreement and not on an ad hoc or contract-by-contract basis.

Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not regular dealers.

- 3) With respect to materials or supplies purchased from a DBE, MBE or WBE which is neither a manufacturer nor a regular dealer, the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on a job site, can be counted toward the advertised goal(s), provided that it is determined by the Department that the fees are reasonable and not excessive as compared with fees customarily allowed for similar services. Any portion of the cost of the materials and supplies themselves will not count toward the advertised goal(s).

If you have any questions, contact Mr. Michael McKoy ([mmkoy@ncdot.gov](mailto:mmkoy@ncdot.gov)) or Terry Canales ([tcanales@ncdot.gov](mailto:tcanales@ncdot.gov)) at 919-733-7174.

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON SEPTEMBER 21, 2010. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

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

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION 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.gov/doh/preconstruct/ps/contracts/letting/debar/debar1.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, CONTRACT STANDARDS AND DEVELOPMENT 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 7.75% 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 AUGUST 24, 2010.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 16Oct2009)

## **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	Robert W Lewis, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, 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

Bid Letting Number L100921

RPN	Contract Id	WBS	County	Length	JobType
001	C202619	38683.3.1	HYDE	0.000 MI	CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.
002	C201877	34538.3.5	CRAVEN	0.629 MI	WIDENING, GRADING, DRAINAGE & PAVING.
003	C201904	41431.3.2	PITT	0.952 MI	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURE.
*004	C202605	47064.3.1	CARTERET	0.000 MI	REMOVAL & REPLACEMENT OF FENDER SYSTEM
005	C202609	46281.3.ST1	BRUNSWICK	7.590 MI	WIDENING AND RESURFACING.
006	C202607	46283.3.ST1	DUPLIN	17.200 MI	MILLING & RESURFACING.
*007	C202606	47065.3.1	BRUNSWICK	0.000 MI	REMOVAL & REPLACEMENT OF FENDER SYSTEM.
008	C202610	45158.3.ST4	DURHAM	6.800 MI	DIAMOND GRINDING, CONC PVT SLAB REMOVAL & SHOULDER RECONST.
009	C202613	45158.3.ST5	DURHAM	7.590 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
010	C202617	42580.3.4	MECKLENBURG	0.000 MI	BRIDGE PAINTING.
*011	C202339	34499.3.ST1	WATAUGA, AVERY	5.410 MI	GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.
*012	C202611	45416.3.ST1	GASTON, CLEVELAND	7.200 MI	MILLING, RESURFACING & PORTLAND CEMENT WHITE TOPPING.
013	C202556	40118.3.1	MACON	0.856 MI	GRADING, DRAINAGE, PAVING, SIGNAL, AND STRUCTURE.

\*004 C202605 CARTERET COUNTY MANDATORY PRE-BID CONFERENCE ON WEDNESDAY, SEPTEMBER 8, 2010 AT 10:00AM AT THE DIVISION 3 OFFICE, 124 DIVISION DRIVE, WILMINGTON, NC 28401 (910) 251-5724.

\*007 C202606 BRUNSWICK COUNTY MANDATORY PRE-BID CONFERENCE ON WEDNESDAY, SEPTEMBER 8, 2010 AT 10:00AM AT THE DIVISION 3 OFFICE, 124 DIVISION DRIVE, WILMINGTON, NC 28401 (910) 251-5724.

\*011 C202339 WATAUGA AND AVERY COUNTIES PRE-BID CONFERENCE ON MONDAY SEPTEMBER 13, 2010 AT 1:00PM AT NCDOT WATAUGA COUNTY ROAD MAINTENANCE FACILITY, 1865 NC-194 (JEFFERSON HIGHWAY), BOONE, NC 28607 (828) 265-5378.

\*012 C202611 GASTON AND CLEVELAND COUNTIES MANDATORY PRE-BID CONFERENCE ON TUESDAY, SEPTEMBER 7, 2010 AT 11:00AM AT DIVISION 12 ENGINEERS OFFICE, 1710 EAST MARION STREET, SHELBY, NC 28152 (704) 480-9020.

**STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID**

**L100921 001**

**CONTRACT ID : C202619 38683.3.1**

**DIV OFFICE EDENTON**

**LENGTH = 0.000 MI**

**COUNTY : HYDE**

**CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.**

**MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : MAY 01 2012**

**2ND SOUND CLASS FERRY.**

**ROADWAY ITEMS**

Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CONST OF 220' X 50' X 12'-6" PASSENGER/ VEHICLE FERRY WITH STANDARD PROPULSION
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## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100921 002

CONTRACT ID : C201877 34538.3.5

DIV OFFICE GREENVILLE

LENGTH = 0.629 MI

COUNTY : CRAVEN

WIDENING, GRADING, DRAINAGE &amp; PAVING.

DBE GOAL 11.0% COMPLETION DATE : SEP 01 2012

US-17 FROM MILLS ST IN BRIDGETON TO NORFOLK &amp; SOUTHERN RAILROAD.

ROADWAY ITEMS				
		120	SY	4" CONCRETE PAVED DITCH
		1,400	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
		1	EA	ADJUSTMENT OF DROP INLETS
		31	TON	RIP RAP, CLASS B
		1,289	SY	FILTER FABRIC FOR DRAINAGE
		2	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
		1,339	LB	SUPPORTS, BREAKAWAY STEEL BEAM
		792	LF	SUPPORTS, WOOD
		37	EA	SIGN ERECTION, TYPE E
		1	EA	SIGN ERECTION, TYPE F
		1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
		1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
		1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
		1	EA	DISPOSAL OF SUPPORT, WOOD
		1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
		27	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
		16	EA	DISPOSAL OF SIGN SYSTEM, WOOD
		136	SF	WORK ZONE SIGNS (STATIONARY)
		192	SF	WORK ZONE SIGNS (PORTABLE)
		30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
		1	EA	FLASHING ARROW PANELS, TYPE C
		2	EA	CHANGEABLE MESSAGE SIGN
		200	EA	DRUMS
		50	EA	CONES
		50	LF	BARRICADES (TYPE III)
		150	MD	FLAGGER
		4	EA	TEMPORARY CRASH CUSHIONS
		1	EA	TMIA
		245	LF	PORTABLE CONCRETE BARRIER
		245	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
		40	HR	LAW ENFORCEMENT
		292	EA	TEMPORARY RAISED PAVEMENT MARKERS
		1,430	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		1,904	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		13,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
		2,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
		320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
		57	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
		200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
		4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
		21	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		77,950	LF	PAINT PAVEMENT MARKING LINES (4")
		550	LF	PAINT PAVEMENT MARKING LINES (8")
		114	LF	PAINT PAVEMENT MARKING LINES (16")
		410	LF	PAINT PAVEMENT MARKING LINES (24")
		8	EA	PAINT PAVEMENT MARKING CHARACTER
		28	EA	PAINT PAVEMENT MARKING SYMBOL
		200	EA	SNOWPLOWABLE PAVEMENT MARKERS
		198	LF	6" WATER LINE
		128	LF	8" WATER LINE
		3,240	LF	10" WATER LINE
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			CONSTRUCTION SURVEYING
24,400	CY			UNDERCUT EXCAVATION
250	CY			SHALLOW UNDERCUT
1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS			GRADING
500	TON			CLASS IV SUBGRADE STABILIZATION
7,300	CY			BORROW EXCAVATION
10	CY			DRAINAGE DITCH EXCAVATION
6	HR			PROOF ROLLING
24,300	CY			SELECT GRANULAR MATERIAL, CLASS III
20,450	SY			FABRIC FOR SOIL STABILIZATION
3,000	SF			TEMPORARY SHORING
1,000	GAL			GENERIC GRADING ITEM CONTAINERIZING CONTAMINATED WATER
150	TON			GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL
814	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
2,270	SY			FOUNDATION CONDITIONING FABRIC
764	LF			15" SIDE DRAIN PIPE
660	LF			18" SIDE DRAIN PIPE
1,004	LF			24" SIDE DRAIN PIPE
788	LF			15" RC PIPE CULVERTS, CLASS III
388	LF			18" RC PIPE CULVERTS, CLASS III
200	LF			24" RC PIPE CULVERTS, CLASS III
140	LF			30" RC PIPE CULVERTS, CLASS III
1,900	LF			PIPE REMOVAL
850	TON			STABILIZER AGGREGATE
300	TON			INCIDENTAL STONE BASE
560	SY			MILLING ASPHALT PAVEMENT, *** TO ***** DEPTH (3" TO 6")
480	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
7,000	TON			ASPHALT CONC BASE COURSE, TYPE B25.0C
4,660	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
5,260	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C
400	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
567	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
316	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
195	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
336	CY			SUBDRAIN EXCAVATION
168	CY			SUBDRAIN FINE AGGREGATE
1,000	LF			6" PERFORATED SUBDRAIN PIPE
2	EA			SUBDRAIN PIPE OUTLETS
12	LF			6" OUTLET PIPE (SUBDRAINS)
1	CY			ENDWALLS
3	CY			PIPE COLLARS
1	CY			PIPE PLUGS
28	EA			MASONRY DRAINAGE STRUCTURES
3	LF			MASONRY DRAINAGE STRUCTURES
9	EA			FRAME WITH TWO GRATES, STD 840.16
19	EA			FRAME WITH TWO GRATES, STD 840.24
9	EA			CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
7,220	LF			***X *** CONCRETE CURB (8" x 18")



2	EA	2" VALVE
1	EA	6" VALVE
1	EA	8" VALVE
5	EA	10" VALVE
7	EA	RELOCATE WATER METER
9	EA	RECONNECT WATER METER
5	EA	FIRE HYDRANT
307	LF	4" FORCE MAIN SEWER
200	LF	6" FORCE MAIN SEWER
200	LF	12" FORCE MAIN SEWER
3,450	LF	TEMPORARY SILT FENCE
1,000	TON	STONE FOR EROSION CONTROL, CLASS A
615	TON	STONE FOR EROSION CONTROL, CLASS B
600	TON	SEDIMENT CONTROL STONE
8	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
550	LF	SAFETY FENCE
350	CY	SILT EXCAVATION
2,575	SY	MATTING FOR EROSION CONTROL
2,250	LF	1/4" HARDWARE CLOTH
850	LF	WATTLE
605	LB	POLYACRYLAMIDE (PAM)
55	LF	COIR FIBER BAFFLES
6	ACR	SEEDING & MULCHING
6	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
54	EA	RESPONSE FOR EROSION CONTROL

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L100921 003

CONTRACT ID : C201904 41431.3.2

DIV OFFICE GREENVILLE

LENGTH = 0.952 MI

COUNTY : PITT

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

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : DEC 31 2013

NC-43 FROM US-264 TO WEST OF SR-1204 (B'S BARBEQUE RD) IN GREENVILLE.

ROADWAY ITEMS					
			3	EA	FRAME WITH TWO GRATES, STD 840.29
			2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			2	EA	FRAME WITH COVER, STD 840.54
			14	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
			4	EA	GENERIC DRAINAGE ITEM NARROW DROP INLET FRAME AND GRATE
Lump Sum	LS	MOBILIZATION	Lump Sum	LS	GENERIC DRAINAGE ITEM DRY DETENTION BASIN STA 55+43.3
Lump Sum	LS	CONSTRUCTION SURVEYING	Lump Sum	LS	GENERIC DRAINAGE ITEM DRY DETENTION BASIN STA 57+34.6
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (56+12.00 -L-)	6,000	LF	1'-6" CONCRETE CURB & GUTTER
30,250	CY	UNDERCUT EXCAVATION	790	LF	2'-6" CONCRETE CURB & GUTTER
150	CY	SHALLOW UNDERCUT	475	LF	CONCRETE EXPRESSWAY GUTTER
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	264	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	GRADING	70	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
250	TON	CLASS IV SUBGRADE STABILIZATION	440	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
16,300	CY	BORROW EXCAVATION	280	SY	GENERIC PAVING ITEM 5" MONOLITHIC CONCRETE ISLAND (KEYED IN-MODIFIED)
5,205	CY	DRAINAGE DITCH EXCAVATION	2	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET
30,650	CY	SELECT GRANULAR MATERIAL, CLASS III	425	LF	STEEL BM GUARDRAIL
30,650	SY	FABRIC FOR SOIL STABILIZATION	5	EA	ADDITIONAL GUARDRAIL POSTS
380	SY	GENERIC GRADING ITEM PERMANENT TURF REINFORCEMENT MAT	1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
1,420	SY	GENERIC GRADING ITEM PRIMARY GEOGRID REINFORCEMENT	3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
520	SY	GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCEMENT	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
310	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	105	TON	RIP RAP, CLASS I
960	SY	FOUNDATION CONDITIONING FABRIC	13	TON	RIP RAP, CLASS B
464	LF	15" DRAINAGE PIPE	192	SY	FILTER FABRIC FOR DRAINAGE
240	LF	18" DRAINAGE PIPE	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
8	LF	24" DRAINAGE PIPE	354	SF	WORK ZONE SIGNS (STATIONARY)
4	EA	*** DRAINAGE PIPE ELBOWS (15")	192	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	*** DRAINAGE PIPE ELBOWS (18")	100	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
180	LF	15" SIDE DRAIN PIPE	175	EA	DRUMS
128	LF	18" SIDE DRAIN PIPE	540	MD	FLAGGER
1,764	LF	15" RC PIPE CULVERTS, CLASS IV	2	EA	TEMPORARY CRASH CUSHIONS
96	LF	24" RC PIPE CULVERTS, CLASS IV	500	LF	PORTABLE CONCRETE BARRIER
12	LF	GENERIC PIPE ITEM 6" HDPE PIPE	113	EA	TEMPORARY RAISED PAVEMENT MARKERS
92	LF	GENERIC PIPE ITEM 6" PERFORATED HDPE PIPE	9,560	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2	EA	GENERIC PIPE ITEM 6" HDPE CAPS	5,474	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
4	EA	GENERIC PIPE ITEM 6" HDPE ELBOWS	76	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
523	LF	PIPE REMOVAL	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1,660	TON	AGGREGATE BASE COURSE	27	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,000	TON	INCIDENTAL STONE BASE	1,266	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
15,335	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	67,025	LF	PAINT PAVEMENT MARKING LINES (4")
8,310	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	436	LF	PAINT PAVEMENT MARKING LINES (8")
6,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	80	LF	PAINT PAVEMENT MARKING LINES (24")
1,050	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	10	EA	PAINT PAVEMENT MARKING SYMBOL
366	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	805	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,038	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
1,092	CY	SUBDRAIN EXCAVATION			
546	CY	SUBDRAIN FINE AGGREGATE			
3,250	LF	6" PERFORATED SUBDRAIN PIPE			
7	EA	SUBDRAIN PIPE OUTLETS			
42	LF	6" OUTLET PIPE (SUBDRAINS)			
1.3	CY	PIPE COLLARS			
3.5	CY	FLOWABLE FILL			
30	EA	MASONRY DRAINAGE STRUCTURES			
6.6	LF	MASONRY DRAINAGE STRUCTURES			
8	EA	FRAME WITH TWO GRATES, STD 840.16			
5	EA	FRAME WITH TWO GRATES, STD 840.24			

			10,228	SF	GROOVING BRIDGE FLOORS
			245.2	CY	CLASS A CONCRETE (BRIDGE)
		Lump Sum		LS	BRIDGE APPROACH SLABS, STATION ***** (56+12.00 -L-)
9	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
261	EA	PERMANENT RAISED PAVEMENT MARKERS	35,595	LB	REINFORCING STEEL (BRIDGE)
			1,760	LF	45" PRESTRESSED CONCRETE GIR- DERS
62	LF	6" WATER LINE	3,641	LF	HP12X53 STEEL PILES
4,539	LF	12" WATER LINE	3,529	LF	HP14X73 GALVANIZED STEEL PILES
1	EA	4" VALVE	41	EA	PILE REDRIVES
2	EA	6" VALVE	341.98	LF	TWO BAR METAL RAIL
1	EA	8" VALVE	358.32	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 3'-2 3/4")
1	EA	10" VALVE			
8	EA	12" VALVE			
1	EA	8" TAPPING VALVE	1,575	TON	RIP RAP CLASS II (2'-0" THICK)
1	EA	12" TAPPING VALVE	1,755	SY	FILTER FABRIC FOR DRAINAGE
3	EA	** AIR RELEASE VALVE (10")		Lump Sum	LS ELASTOMERIC BEARINGS
3	EA	FIRE HYDRANT		Lump Sum	LS EVAZOTE JOINT SEALS
1	EA	RELOCATE FIRE HYDRANT		Lump Sum	LS STRUCTURE DRAINAGE SYSTEM AT STA***** (56+12.00 -L-)
98	LF	6" FORCE MAIN SEWER			
4,651	LF	10" FORCE MAIN SEWER			
4	EA	5' DIA UTILITY MANHOLE			
5,090	LF	ABANDON *** UTILITY PIPE (4")			
3,988	LF	ABANDON 6" UTILITY PIPE			
30	LF	ABANDON 8" UTILITY PIPE			
4,675	LF	ABANDON 10" UTILITY PIPE			
4,584	LF	ABANDON 12" UTILITY PIPE			
2	EA	REMOVE UTILITY MANHOLE			
400	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL			
400	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL			
400	LF	TRENCHLESS INSTALLATION OF 14" IN SOIL			
106	LF	2" GAS LINE			
137	LF	4" GAS LINE			
4,931	LF	6" GAS LINE			
1	EA	4" GAS VALVE			
1	EA	6" GAS VALVE			
1	EA	GENERIC UTILITY ITEM 6" SEWER FORCE MAIN CHECK VALVE			
9	EA	GENERIC UTILITY ITEM RECONNECT 3/4" GAS SERVICE			
17	EA	GENERIC UTILITY ITEM RELOCATE EXISTING WATER METER			
3,480	LF	TEMPORARY SILT FENCE			
50	TON	STONE FOR EROSION CONTROL, CLASS A			
190	TON	STONE FOR EROSION CONTROL, CLASS B			
190	TON	SEDIMENT CONTROL STONE			
2	ACR	TEMPORARY MULCHING			
100	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING			
800	LF	SAFETY FENCE			
645	CY	SILT EXCAVATION			
15,890	SY	MATTING FOR EROSION CONTROL			
1,470	SY	PERMANENT SOIL REINFORCEMENT MAT			
580	LF	1/4" HARDWARE CLOTH			
160	LF	*** TEMPORARY PIPE (18")			
1	EA	SPECIAL STILLING BASINS			
1.5	ACR	SEEDING & MULCHING			
1	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
1.25	TON	FERTILIZER TOPDRESSING			
100	LF	IMPERVIOUS DIKE			
2	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			
0.5	ACR	REFORESTATION			
0.5	ACR	STREAMBANK REFORESTATION			

### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (56+12.00 -L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
3,870	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
15,610	SF	REINFORCED CONCRETE DECK SLAB

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

**L100921 004**

**CONTRACT ID : C202605 47064.3.1**

**DIV OFFICE GREENVILLE**

**LENGTH = 0.000 MI**

**COUNTY : CARTERET**

**REMOVAL & REPLACEMENT OF FENDER SYSTEM**

**DBE GOAL 0.0% COMPLETION DATE : JUN 30 2011**

**BRIDGE #6 ON NC-58 OVER ATLANTIC INTRACOASTAL WATERWAY BETWEEN NC-24 AND EMERALD ISLE.**

**STRUCTURE ITEMS**

Lump Sum	LS	MOBILIZATION (STRUCTURES)
Lump Sum	LS	GENERIC STRUCTURE ITEM PLASTIC FENDER SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL OF EXISTING FENDER SYSTEM

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

L100921 005

CONTRACT ID : C202609 46281.3.ST1

DIV OFFICE WILMINGTON

LENGTH = 7.590 MI

COUNTY : BRUNSWICK

WIDENING AND RESURFACING.

DBE GOAL 7.0% COMPLETION DATE : AUG 31 2011

SR-1401 FROM S OF US-17 BYPASS TO US-17 BUS AND SR-1500 FROM US-17 BUS TO N OF NC-211.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,960	CY	BORROW EXCAVATION
1,100	TON	INCIDENTAL STONE BASE
15.18	SMI	SHOULDER RECONSTRUCTION
1,794	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH 0 TO 1.5"
5,303	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
17,629	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,704	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10,793	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE TYPE S9.5B
1,250	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
175	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL), S9.5B
60	SY	GENERIC PAVING ITEM INCIDENTAL CONCRETE
750	LF	REMOVE & RESET EXISTING GUARD- RAIL
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
80,173	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
63,330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
140,264	LF	PAINT PAVEMENT MARKING LINES (4")
501	EA	SNOWPLOWABLE PAVEMENT MARKERS
764	LF	TEMPORARY SILT FENCE
221	TON	STONE FOR EROSION CONTROL, CLASS B
161	TON	SEDIMENT CONTROL STONE
7.64	ACR	TEMPORARY MULCHING
383	LB	SEED FOR TEMPORARY SEEDING
1.91	TON	FERTILIZER FOR TEMPORARY SEED- ING
383	LF	1/4" HARDWARE CLOTH
11.39	ACR	SEEDING & MULCHING

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

L100921 006

CONTRACT ID : C202607 46283.3.ST1

DIV OFFICE WILMINGTON

LENGTH = 17.200 MI

COUNTY : DUPLIN

MILLING &amp; RESURFACING.

DBE GOAL 7.0% COMPLETION DATE : NOV 12 2012

NC-24 FROM EAST OF NC-24 BUS TO THE ONSLOW CO LINE.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	300	LF	LEAD-IN CABLE (*****)
19,642	CY	BORROW EXCAVATION			(14-2)
1,205	TON	INCIDENTAL STONE BASE			
58.98	SMI	SHOULDER RECONSTRUCTION			
45,714	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
324,567	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")			
57,024	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")			
3,601	SY	INCIDENTAL MILLING			
61,690	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
65,850	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
2,898	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
3,950	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
20	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)			
1,440	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL), S9.5C			
55	SY	GENERIC PAVING ITEM INCIDENTAL CONCRETE			
12	EA	CONCRETE WHEELCHAIR RAMPS			
140	LF	GENERIC PAVING ITEM 2'-6" CONCRETE CURB & GUTTER, REMOVE & REPLACE			
1	EA	ADJUSTMENT OF DROP INLETS			
21	EA	ADJUSTMENT OF MANHOLES			
24	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
2	EA	FLASHING ARROW PANELS, TYPE C			
2	EA	CHANGEABLE MESSAGE SIGN			
2	EA	TMIA			
293,780	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
120,969	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
944	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
468	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
324	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
2,260	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)			
472,838	LF	PAINT PAVEMENT MARKING LINES (4")			
944	LF	PAINT PAVEMENT MARKING LINES (8")			
216	LF	PAINT PAVEMENT MARKING LINES (24")			
271	EA	PAINT PAVEMENT MARKING SYMBOL			
4,058	EA	SNOWPLOWABLE PAVEMENT MARKERS			
1,893	LF	TEMPORARY SILT FENCE			
474	TON	STONE FOR EROSION CONTROL, CLASS B			
873	TON	SEDIMENT CONTROL STONE			
19.69	ACR	TEMPORARY MULCHING			
947	LB	SEED FOR TEMPORARY SEEDING			
3.98	TON	FERTILIZER FOR TEMPORARY SEED- ING			
300	SY	MATTING FOR EROSION CONTROL			
548	LF	1/4" HARDWARE CLOTH			
44.24	ACR	SEEDING & MULCHING			
200	LF	UNPAVED TRENCHING (*****) (1, 1")			
1	EA	JUNCTION BOX (STANDARD SIZE)			
2,100	LF	INDUCTIVE LOOP SAWCUT			

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

**L100921 007**

**CONTRACT ID : C202606 47065.3.1**

**DIV OFFICE WILMINGTON**

**LENGTH = 0.000 MI**

**COUNTY : BRUNSWICK**

**REMOVAL & REPLACEMENT OF FENDER SYSTEM.**

**DBE GOAL 0.0% COMPLETION DATE : JUN 30 2011**

**BRIDGE #14 ON NC-133 OVER ATLANTIC INTRACOASTAL WATERWAY BETWEEN SOUTHPORT AND OAK ISLAND.**

**STRUCTURE ITEMS**

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC STRUCTURE ITEM PLASTIC FENDER SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL OF EXISTING FENDER SYSTEM





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

L100921 009

CONTRACT ID : C202613 45158.3.ST5

DIV OFFICE DURHAM

LENGTH = 7.590 MI

COUNTY : DURHAM

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

DBE GOAL 10.0% COMPLETION DATE : SEP 02 2011

1 SECTION OF US-70 BUS, 13 SECTIONS OF US-15/501 BUS, 1 SECTION OF NC-751 AND 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
32	CY	BORROW EXCAVATION
1.6	SMI	SHOULDER RECONSTRUCTION
25,323	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
121,543	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1-1/2" TO 3")
167	SY	INCIDENTAL MILLING
13,137	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
789	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5,200	TON	PATCHING EXISTING PAVEMENT
2	EA	CONCRETE WHEELCHAIR RAMPS
224	EA	ADJUSTMENT OF MANHOLES
28	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
33,722	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
89,748	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,155	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
5,234	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,404	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
92	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
258	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
113,973	LF	PAINT PAVEMENT MARKING LINES (4")
6,720	LF	PAINT PAVEMENT MARKING LINES (8")
300	LF	PAINT PAVEMENT MARKING LINES (16")
2,551	LF	PAINT PAVEMENT MARKING LINES (24")
76	EA	PAINT PAVEMENT MARKING CHARAC- TER
189	EA	PAINT PAVEMENT MARKING SYMBOL
6,168	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
260	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
102	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
23	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1,169	EA	PERMANENT RAISED PAVEMENT MARKERS
0.96	ACR	SEEDING & MULCHING
10,897	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100921 010

CONTRACT ID : C202617 42580.3.4

DIV OFFICE ALBEMARLE

LENGTH = 0.000 MI

COUNTY : MECKLENBURG

BRIDGE PAINTING.

DBE GOAL 0.0% COMPLETION DATE : OCT 31 2011

BRIDGE NO. 332 ON I-277.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
24	SF	WORK ZONE SIGNS (STATIONARY)
320	SF	WORK ZONE SIGNS (PORTABLE)
96	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGN
250	EA	DRUMS
96	LF	BARRICADES (TYPE III)
1	EA	TMIA
160	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #332

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

L100921 011

CONTRACT ID : C202339 34499.3.ST1

DIV OFFICE NORTH WILKESBORO

LENGTH = 5.410 MI

COUNTY : WATAUGA, AVERY

GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.

DBE GOAL 10.0% COMPLETION DATE : JUN 15 2012

NC-194 FROM AVERY/WATAUGA COUNTY LINE TO VALLE CRUCIS IN WATAUGA COUNTY.

ROADWAY ITEMS					
			134.4	CY	SUBDRAIN EXCAVATION
			100.8	CY	SUBDRAIN FINE AGGREGATE
			600	LF	6" PERFORATED SUBDRAIN PIPE
			2	EA	SUBDRAIN PIPE OUTLETS
			12	LF	6" OUTLET PIPE (SUBDRAINS)
			0.988	CY	ENDWALLS
			5.6	CY	REINFORCED ENDWALLS
			14	EA	MASONRY DRAINAGE STRUCTURES
			10	LF	MASONRY DRAINAGE STRUCTURES
			5	EA	FRAME WITH GRATE, STD 840.22
			7	EA	FRAME WITH TWO GRATES, STD 840.**** (840.33)
			1	EA	FRAME WITH COVER, STD 840.54
			2,135	LF	SHOULDER BERM GUTTER
			180	LF	CONCRETE VALLEY GUTTER
			9,390	LF	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED STEEL BEAM GUARDRAIL
			100	LF	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED STEEL BEAM GUARDRAIL, SHOP CURVED
			50	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED ADDITIONAL GUARDRAIL POSTS
			10	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE 350
			7	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE AT-1
			7	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			8	EA	GENERIC GUARDRAIL ITEM REMOVE & RESET EXISTING PAINTED ANCHOR UNITS, TYPE 350
			500	LF	GENERIC FENCING ITEM TEMP 4 STRAND BARBED WIRE FENCE WITH POSTS
			425	TON	RIP RAP, CLASS I
			175	TON	RIP RAP, CLASS II
			90	TON	RIP RAP, CLASS B
			40	TON	BOULDERS
			1,655	SY	FILTER FABRIC FOR DRAINAGE
			920	SF	WORK ZONE SIGNS (STATIONARY)
			336	SF	WORK ZONE SIGNS (PORTABLE)
			158	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			4	EA	CHANGEABLE MESSAGE SIGN
			51	EA	DRUMS
			590	EA	CONES
			80	LF	BARRICADES (TYPE III)
			8,640	HR	FLAGGER
			10	EA	TEMPORARY CRASH CUSHIONS
			2	EA	TMIA
			2,100	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			590	EA	SKINNY DRUM
			726	EA	TEMPORARY RAISED PAVEMENT MARKERS
			128	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			129,232	LF	PAINT PAVEMENT MARKING LINES (4")
			160	LF	PAINT PAVEMENT MARKING LINES (24")
			113,666	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
			6,400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			370	EA	SNOWPLOWABLE PAVEMENT MARKERS
			10,500	LF	TEMPORARY SILT FENCE
			880	TON	STONE FOR EROSION CONTROL, CLASS A
			840	TON	STONE FOR EROSION CONTROL, CLASS B
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
200	CY	SHALLOW UNDERCUT			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
300	TON	CLASS IV SUBGRADE STABILIZA-TION			
960	CY	DRAINAGE DITCH EXCAVATION			
100	CY	SELECT GRANULAR MATERIAL			
200	SY	FABRIC FOR SOIL STABILIZATION			
2,000	SF	TEMPORARY SHORING			
12,500	CY	GENERIC GRADING ITEM TOE BENCHING EXCAVATION			
100	TON	GENERIC GRADING ITEM EXCAVATION, HAULING & DISPOSAL OF CONTAMINATED SOIL			
270	TON	FOUNDATION CONDITIONING MATE-RIAL, MINOR STRS			
830	SY	FOUNDATION CONDITIONING FABRIC			
8	LF	15" RC PIPE CULVERTS, CLASS III			
100	LF	18" RC PIPE CULVERTS, CLASS III			
96	LF	30" RC PIPE CULVERTS, CLASS III			
444	LF	18" RC PIPE CULVERTS, CLASS IV			
208	LF	24" RC PIPE CULVERTS, CLASS IV			
104	LF	30" RC PIPE CULVERTS, CLASS IV			
5	EA	*** PIPE END SECTION (15")			
36	LF	6" CS PIPE CULVERTS, 0.064" THICK (SPRING BOX)			
180	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")			
164	LF	*** CS PIPE CULVERTS, ***** THICK (42", 0.109")			
60	LF	*** CS PIPE CULVERTS, ***** THICK (60", 0.168")			
348	LF	15" CS PIPE CULVERTS, 0.064" THICK			
138	LF	18" CS PIPE CULVERTS, 0.064" THICK			
444	LF	24" CS PIPE CULVERTS, 0.064" THICK			
76	LF	30" CS PIPE CULVERTS, 0.079" THICK			
8	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")			
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")			
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")			
343	LF	PIPE REMOVAL			
18	EA	PIPE CLEAN-OUT			
722	TON	AGGREGATE BASE COURSE			
250	TON	INCIDENTAL STONE BASE			
900	LF	DITCHING			
45,000	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")			
5,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
1,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
16,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,235	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
350	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			

745 TON SEDIMENT CONTROL STONE  
 32 ACR TEMPORARY MULCHING  
 800 LB SEED FOR TEMPORARY SEEDING  
 4.25 TON FERTILIZER FOR TEMPORARY SEED-  
 ING  
 1,245 LF TEMPORARY SLOPE DRAINS  
 26 EA INLET PROTECTION AT TEMPORARY  
 SLOPE DRAINS  
 1,350 LF SAFETY FENCE  
 1,750 CY SILT EXCAVATION  
 15,500 SY MATTING FOR EROSION CONTROL  
 175 SY COIR FIBER MAT  
 2,650 SY PERMANENT SOIL REINFORCEMENT  
 MAT  
 1,350 LF 1/4" HARDWARE CLOTH  
 2,200 LF WATTLE  
 600 LB POLYACRYLAMIDE (PAM)  
 200 LF COIR FIBER BAFFLES  
 1 EA \*\*\* SKIMMER  
 (1-1/2")  
 37.5 ACR SEEDING & MULCHING  
 3 ACR MOWING  
 250 LB SEED FOR REPAIR SEEDING  
 0.75 TON FERTILIZER FOR REPAIR SEEDING  
 525 LB SEED FOR SUPPLEMENTAL SEEDING  
 15.75 TON FERTILIZER TOPDRESSING  
 100 MHR SPECIALIZED HAND MOWING  
 18 EA RESPONSE FOR EROSION CONTROL  
 0.1 ACR REFORESTATION  
 1 EA GENERIC PLANTING ITEM  
 TREE TRUNK BUMPER  
 6,172 LF GENERIC PLANTING ITEM  
 TREE PROTECTION FENCE  
 4 EA SOIL NAIL VERIFICATION TESTS  
 4 EA SOIL NAIL PROOF TESTS  
 25 EA GENERIC RETAINING WALL ITEM  
 SUPPLEMENTAL SOIL NAILS  
 16,691 SF GENERIC RETAINING WALL ITEM  
 SHORED MECHANICALLY STABILIZED  
 EARTH RETAINING WALLS  
 2,500 SY GENERIC RETAINING WALL ITEM  
 SOIL NAIL SLOPE STABILIZATION

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

4 EA GENERIC TRAFFIC CONTROL ITEM  
 TEMPORARY TRAFFIC SIGNAL  
 SYSTEM

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

240 DAY GENERIC TRAFFIC CONTROL ITEM  
 TEMPORARY TRAFFIC SIGNAL  
 SYSTEM

\*\*\* END SCHEDULE CA \*\*\*

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

L100921 012

CONTRACT ID : C202611 45416.3.ST1

DIV OFFICE SHELBY

LENGTH = 7.200 MI

COUNTY : GASTON, CLEVELAND

MILLING, RESURFACING &amp; PORTLAND CEMENT WHITE TOPPING.

DBE GOAL 4.0% COMPLETION DATE : JUN 24 2011

I-85 FROM THE SOUTH CAROLINA STATE LINE TO MP 7.2 IN CLEVELAND CO &amp; EXIT RAMP NO 22 AT I-85 IN GASTON CO.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
350	SY	FABRIC FOR SOIL STABILIZATION
3,708	SY	GENERIC GRADING ITEM ROAD MATERIAL REMOVAL
400	TON	AGGREGATE BASE COURSE
252,312	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
1,100	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2")
1,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
29,330	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
73	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,613	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
1,100	TON	PATCHING EXISTING PAVEMENT
3,708	SY	GENERIC PAVING ITEM 7" PORTLAND CEMENT CONCRETE WHITE TOPPING
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.16
100	LF	STEEL BM GUARDRAIL
35	EA	ADDITIONAL GUARDRAIL POSTS
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGN
300	EA	DRUMS
1	EA	TMIA
74	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
21	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
197,932	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,160	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
9,015	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
3,000	LF	CURING COMPOUND REMOVAL, LINES
1,146	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L100921 013

CONTRACT ID : C202556 40118.3.1

DIV OFFICE SYLVA

LENGTH = 0.856 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING, SIGNAL, AND STRUCTURE.

MBE GOAL 4.0% WBE 7.0% COMPLETION DATE : DEC 31 2012

NEW ROUTE FROM SR-1660 (SILER RD) TO SR-1662 (WILEY BROWN RD) SOUTH OF US-441 IN FRANKLIN.

ROADWAY ITEMS				
		1,050	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
		730	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
Lump Sum	LS MOBILIZATION	4,680	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
Lump Sum	LS CONSTRUCTION SURVEYING	260	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS FIELD OFFICE	4,830	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS CLEARING & GRUBBING .. ACRE(S)	950	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1	ACR SUPPLEMENTARY CLEARING & GRUBBING	500	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3	EA SEALING ABANDONED WELLS	632	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
307,760	CY UNCLASSIFIED EXCAVATION	57	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (33+30.00 -L-)	295	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
405	CY UNDERCUT EXCAVATION	67	CY	SUBDRAIN EXCAVATION
50	CY SHALLOW UNDERCUT	50	CY	SUBDRAIN FINE AGGREGATE
100	TON CLASS IV SUBGRADE STABILIZATION	300	LF	6" PERFORATED SUBDRAIN PIPE
120	CY DRAINAGE DITCH EXCAVATION	1	EA	SUBDRAIN PIPE OUTLETS
450	LF BERM DITCH CONSTRUCTION	6	LF	6" OUTLET PIPE (SUBDRAINS)
6,720	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	0.784	CY	PIPE PLUGS
1,135	SY BREAKING OF EXISTING ASPHALT PAVEMENT	50	CY	FLOWABLE FILL
100	CY SELECT GRANULAR MATERIAL	16	EA	MASONRY DRAINAGE STRUCTURES
100	SY FABRIC FOR SOIL STABILIZATION	38.8	CY	MASONRY DRAINAGE STRUCTURES
50	TON GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	22.02	LF	MASONRY DRAINAGE STRUCTURES
391	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	4	EA	FRAME WITH TWO GRATES, STD 840.***** (840.33)
750	SY FOUNDATION CONDITIONING FABRIC	2	EA	FRAME WITH TWO GRATES, STD 840.16
66	LF *** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (60", 0.875", B)	1	EA	FRAME WITH TWO GRATES, STD 840.22
66	LF *** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (60", 0.875", B)	7	EA	FRAME WITH TWO GRATES, STD 840.24
30	LF GENERIC PIPE ITEM 16" DUCTILE IRON PIPE	1	EA	FRAME WITH TWO GRATES, STD 840.29
48	LF GENERIC PIPE ITEM 60" WELDED STEEL PIPE, 0.875" THICK, GRADE B	5	EA	FRAME WITH COVER, STD 840.54
188	LF GENERIC PIPE ITEM 15" BIT COAT CS PIPE CULVERTS, TYPE B, 0.064" THICK	1	EA	*** SLUICE GATE (15")
268	LF GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III	1	EA	*** SLUICE GATE (24")
176	LF GENERIC PIPE ITEM 15" SIDE DRAIN PIPE	180	LF	***X*** CONCRETE CURB (9" x 18")
392	LF GENERIC PIPE ITEM 18" RC PIPE CULVERTS, CLASS III	260	LF	1'-6" CONCRETE CURB & GUTTER
204	LF GENERIC PIPE ITEM 24" BIT COAT CS PIPE CULVERTS, TYPE B, 0.064" THICK	607	LF	SHOULDER BERM GUTTER
24	LF GENERIC PIPE ITEM 36" BIT COAT CS PIPE CULVERTS, TYPE B, 0.079" THICK	491	LF	CONCRETE EXPRESSWAY GUTTER
24	LF GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS IV	22	SY	4" CONCRETE PAVED DITCH
6	EA GENERIC PIPE ITEM 15" BIT COAT CS PIPE ELBOWS, TYPE B, 0.064" THICK	402	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
2	EA GENERIC PIPE ITEM 15" PIPE END SECTION	271	SY	GENERIC PAVING ITEM 7" CONCRETE TRUCK APRON
6	EA GENERIC PIPE ITEM 18" PIPE END SECTION	1,712.5	LF	STEEL BM GUARDRAIL
6	EA GENERIC PIPE ITEM 24" BIT COAT CS PIPE ELBOWS, TYPE B, 0.064 THICK	130	LF	STEEL BM GUARDRAIL, SHOP CURVED
2	EA GENERIC PIPE ITEM 24" PIPE END SECTION	5	EA	ADDITIONAL GUARDRAIL POSTS
667	LF PIPE REMOVAL	2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
Lump Sum	LS FINE GRADING	8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
13,490	TON AGGREGATE BASE COURSE	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
1,000	TON INCIDENTAL STONE BASE	1,665	LF	REMOVE EXISTING GUARDRAIL
5,400	CY SHOULDER BORROW	715	LF	WOVEN WIRE FENCE, 47" FABRIC
633.5	GAL PRIME COAT	44	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
		14	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
		100	LF	ADDITIONAL BARBED WIRE
		900	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
		405	TON	RIP RAP, CLASS II
		470	TON	RIP RAP, CLASS B
		4,725	SY	FILTER FABRIC FOR DRAINAGE
		958	LF	SUPPORTS, 3-LB STEEL U-CHANNEL

7	EA	SIGN ERECTION, TYPE D	320	LF	MESSENGER CABLE (3/8")
60	EA	SIGN ERECTION, TYPE E	730	LF	UNPAVED TRENCHING (*****) (1, 2")
3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	380	LF	DIRECTIONAL DRILL (*****) (2, 2")
1	EA	DISPOSAL OF SUPPORT, WOOD	4	EA	JUNCTION BOX (STANDARD SIZE)
14	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	4	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	1	EA	WOOD POLE
551	SF	WORK ZONE SIGNS (STATIONARY)	2	EA	GUY ASSEMBLY
288	SF	WORK ZONE SIGNS (PORTABLE)	1	EA	2" RISER WITH WEATHERHEAD
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,060	LF	INDUCTIVE LOOP SAWCUT
2	EA	FLASHING ARROW PANELS, TYPE C	1,690	LF	LEAD-IN CABLE (*****) (14-2)
2	EA	CHANGEABLE MESSAGE SIGN	4	EA	METAL POLE WITH SINGLE MAST ARM
115	EA	DRUMS	4	EA	SOIL TEST
400	LF	BARRICADES (TYPE III)	20	CY	DRILLED PIER FOUNDATION
2,800	HR	FLAGGER	4	EA	MAST ARM WITH METAL POLE DE- SIGN
2	EA	TMIA	2	EA	DETECTOR CARD (TYPE 2070L)
30	EA	SKINNY DRUM			***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
145	EA	TEMPORARY RAISED PAVEMENT MARKERS	732	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III
148,832	LF	PAINT PAVEMENT MARKING LINES (4")	188	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III
638	LF	PAINT PAVEMENT MARKING LINES (8")			*** OR ***
140	LF	PAINT PAVEMENT MARKING LINES (12")	224	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (24", 0.064")
946	LF	PAINT PAVEMENT MARKING LINES (24")	132	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (30", 0.079")
142	EA	PAINT PAVEMENT MARKING SYMBOL	508	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III
98	EA	SNOWPLOWABLE PAVEMENT MARKERS	56	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III
193	LF	*** WATER LINE (1-1/2")			*** OR ***
2,481	LF	10" WATER LINE	224	LF	**** HDPE PIPE CULVERTS (24")
4	EA	10" VALVE	132	LF	**** HDPE PIPE CULVERTS (30")
3	EA	1" AIR RELEASE VALVE	508	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III
3	EA	FIRE HYDRANT	56	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III
193	LF	*** FORCE MAIN SEWER (3")			*** END SCHEDULE AA ***
1,231	LF	4" FORCE MAIN SEWER			<b>STRUCTURE ITEMS</b>
1,082	LF	ABANDON 10" UTILITY PIPE	104.17	LF	**_*_*_* DIA DRILLED PIERS IN SOIL (5'-6")
75	LF	*** ENCASEMENT PIPE (4")	61	LF	**_*_*_* DIA DRILLED PIERS NOT IN SOIL (5'-6")
75	LF	6" ENCASEMENT PIPE	63.97	LF	PERMANENT STEEL CASING FOR **_*_*_* DIA DRILLED PIER (5'-6")
16,000	LF	TEMPORARY SILT FENCE	1	EA	SID INSPECTION
1,350	TON	STONE FOR EROSION CONTROL, CLASS A	1	EA	CROSSHOLE SONIC LOGGING
4,700	TON	STONE FOR EROSION CONTROL, CLASS B	18,598	SF	REINFORCED CONCRETE DECK SLAB
2,600	TON	SEDIMENT CONTROL STONE	16,639	SF	GROOVING BRIDGE FLOORS
52	ACR	TEMPORARY MULCHING	293.9	CY	CLASS A CONCRETE (BRIDGE)
1,100	LB	SEED FOR TEMPORARY SEEDING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (33+30.00-L-)
6.25	TON	FERTILIZER FOR TEMPORARY SEED- ING	59,041	LB	REINFORCING STEEL (BRIDGE)
2,500	LF	TEMPORARY SLOPE DRAINS	12,153	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
50	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	955,300	LS	APPROX ..... LBS STRUCTURAL STEEL
1,500	LF	SAFETY FENCE	1,175	LF	HP12X53 STEEL PILES
8,250	CY	SILT EXCAVATION	1,055.41	LF	CONCRETE BARRIER RAIL
100,000	SY	MATTING FOR EROSION CONTROL	4,033	TON	RIP RAP CLASS II (2'-0" THICK)
75	SY	COIR FIBER MAT	4,481	SY	FILTER FABRIC FOR DRAINAGE
14,760	SY	PERMANENT SOIL REINFORCEMENT MAT	Lump Sum	LS	POT BEARINGS
1,910	LF	1/4" HARDWARE CLOTH	Lump Sum	LS	ELASTOMERIC BEARINGS
8	EA	SPECIAL STILLING BASINS	Lump Sum	LS	EXPANSION JOINT SEALS
315	LF	WATTLE	Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (33+30.00-L-)
360	LB	POLYACRYLAMIDE (PAM)			
5,000	LF	COIR FIBER BAFFLES			
6	EA	*** SKIMMER (1-1/2")			
1	EA	*** SKIMMER (2")			
45	ACR	SEEDING & MULCHING			
48	ACR	MOWING			
400	LB	SEED FOR REPAIR SEEDING			
1.5	TON	FERTILIZER FOR REPAIR SEEDING			
1,075	LB	SEED FOR SUPPLEMENTAL SEEDING			
31.75	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
27	EA	RESPONSE FOR EROSION CONTROL			
0.5	ACR	REFORESTATION			
3,700	LF	SIGNAL CABLE			
16	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			

Lump Sum    LS    GENERIC STRUCTURE ITEM  
                              INSTALL 10" D.I.R.J. WATER MAI  
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