




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

February 15, 2011

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 Contract Standards and Development Unit's 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/business/order/puborder.html>

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

**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

UPDATED FEBRUARY 15, 2011

<b>TIP#</b>	<b>DIVISION</b>	<b>COUNTY</b>	<b>DESCRIPTION</b>	<b>TENTATIVE LET DATE</b>
X-0002BC X-0002CA	6	CUMBERLAND	FAYETTEVILLE OUTER LOOP-FROM NC87/210 (MURCHISON ROAD) TO EAST OF SR 1600 (MCARTHUR ROAD)	FEBRUARY 15, 2011
X-0002CB	6	CUMBERLAND	FAYETTEVILLE OUTER LOOP-FROM EAST OF SR 1600 (MCARTHUR ROAD) TO EAST OF US-401	FEBRUARY 15, 2011
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	APRIL 19, 2011
R-2533CC	10	CABARRUS	NC-49 FROM EAST OF SR 2630 (CLINE ROAD) TO EAST OF NC-73	APRIL 19, 2011
R-2519A	13	YANCEY	US 19 EAST FROM SR 1336 TO NC 80	MAY 17, 2011
U-2519DA	6	CUMBERLAND	FAYETTEVILLE OUTER LOOP-FROM EAST OF SR 1415 (YADKIN ROAD) TO WEST OF NC-24 (BRAGG BOULEVARD)	JUNE 21, 2011
B-4183	13	MADISON	BRIDGE 29 OVER MIDDLE FORK CREEK ON SR 1526 AND BRIDGE 28 OVER CROOKED CREEK ON SR 1526	DECEMBER 20, 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




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September 2, 2010

NOTICE TO: All Prequalified Contractors

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

SUBJECT: Changes to NCDOT Minority Business Enterprise Qualifications

This letter is to advise you of changes to the North Carolina Department of Transportation's Minority Business and Women Business Enterprise Program ("MB/WB Program") resulting from legislative amendments to the general statute governing the program.

As you may be aware, the MB/WB Program was challenged as being unconstitutional. Based upon a Disparity Study that was completed in 2004, the United States Court of Appeals for the Fourth Circuit found there was a sufficient evidentiary basis in the 2004 study for the MB program for businesses owned by African Americans and American Indians. However, the court found there was not a sufficient basis in evidence for businesses owned by women, or for Asian Americans and Hispanic Americans.

In 2009, DOT received a new disparity study conducted by Euquant, entitled "Minority Business Opportunity: A Disparity Study of NCDOT's State and Federal Programs." The 2009 Study examined whether disparity in contracting was present in DOT state-funded construction projects and made recommendations for further improvements to the DOT's program.

On July 8, 2010, shortly before the Fourth Circuit Court of Appeals opinion, the General Assembly passed House Bill 1734 which included amendments to the MB/WB statute. Governor Perdue signed the legislation into law on August 2, 2010. The amendments included four matters that affect how the MB/WB Program will be operated. First, the bill changes the statutory reference from the 2004 disparity study to the 2009 disparity study and directs DOT to design the program based upon the findings of this study. Second, the agency is directed to set aspirational goals for participation every three years (rather than every year) to make the program consistent with the federal Disadvantaged Business Enterprise ("DBE") program. Third, the bill changes the definition of "Women" to formalize the treatment of firms with potential dual certification.

Finally, the bill extends the sunset of the program until 2014.

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1601 MAIL SERVICE CENTER  
RALEIGH NC 27669-1601

TELEPHONE: 919-280-4126  
FAX: 919-280-4119  
WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

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

**As a result of the changes to the statute during the 2010 session, DOT has examined the MB/WB Program in light of the 2009 disparity study and guidance provided by the Fourth Circuit opinion in the *H.B. Rowe* case. The 2009 disparity study provides an evidentiary basis for participation in the MB/WB Program that differs from that provided in the 2004 disparity study which was reviewed by the *H.B. Rowe* court. As a result of this examination, DOT has determined that African-American owned firms, Hispanic owned firms and women owned firms will be eligible for participation in the MB/WB Program at this time. These changes will be effective immediately, and the Transportation Directory has been updated to reflect the noted changes. Please note that these changes are directed solely to the MB/WB Program for state-funded projects. Unless DOT is directed otherwise by the Federal Highway Administration, the agency's operation of the federal DBE Program for federally-funded projects will not change.**

**Should you have any questions, please feel free to contact Mr. Michael McKoy or Ms. Terry Canales, P.E., of the Contractual Services Unit at 919-733-7174.**




STATE OF NORTH CAROLINA  
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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 27609-1591

TELEPHONE: 919-250-4128  
FAX: 919-250-4119  
WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

LOCATION:  
CENTURY CENTER COMPLEX  
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RALEIGH NC




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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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May 18, 2010

**NOTICE TO:** All Prospective Bidders

**FROM:** R. A. Garriss, 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)



**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 MARCH 15, 2011. 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 FEBRUARY 15, 2011.  
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	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
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

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

**Bid Letting Number** L110315

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C202720	1CR.10701.3 ETC.	PASQUOTANK	3.970 MI	MILLING & RESURFACING.
002	C202376	33693.3.1	BEAUFORT	0.206 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C202242	34440.3.6	BEAUFORT	4.475 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
004	C202586	34964.2.3	NASH	1.387 MI	GRADING, DRAINAGE, PAVING, C & G, SIGNALS & STRUCTURES.
005	C202718	10C.090120 ETC.	UNION	19.923 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
006	C202721	10CR.10841.25 ET	STANLY	23.920 MI	MILLING, RESURFACING, SHOULDER RECONST, AND SHOULDER CONST.
007	C202715	11CR.10061.18 ET	AVERY, WATAUGA	13.392 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C202719	12CR.10491.10 ET	IREDELL	21.820 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
009	C202432	33778.3.1	MACON	0.083 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

**Bid Letting Number** L110419

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
*001	C202599	35742.3.1	PASQUOTANK, CAMDEN	0.630 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.

NOTE: MANDATORY PRE-BID CONFERENCE ON MARCH 23, 2011 AT 10:00AM AT ARTS OF THE ALBEMARLE 516 EAST MAIN STREET, ELIZABETH CITY, NC 27907 (252) 338-6455, NCDOT (252) 482-7977.

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110315 001

CONTRACT ID : C202720 1CR.10701.3

DIV OFFICE EDENTON

LENGTH = 3.970 MI

COUNTY : PASQUOTANK

MILLING &amp; RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : NOV 01 2011

NC-344 FROM EHRLINGHAUS ST TO END OF FIVE LANES.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
149,681	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
12,654	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
759	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
260	LF	2'-6" CONCRETE CURB & GUTTER
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
48	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
214	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
191,684	LF	PAINT PAVEMENT MARKING LINES (4")
262	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	PAVED TRENCHING (*****) (1, 2")
9,650	LF	UNPAVED TRENCHING (*****) (1, 2")
50	EA	JUNCTION BOX (STANDARD SIZE)
8	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
8,500	LF	INDUCTIVE LOOP SAWCUT
20,000	LF	LEAD-IN CABLE (*****) (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110315 002

CONTRACT ID : C202376 33693.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.206 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 01 2011

BRIDGE OVER JACK CREEK AND APPROACHES ON NC-99.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+85.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
500	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
598	SY	FABRIC FOR SOIL STABILIZATION
860	SY	ROCK PLATING
194	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
240	SY	FOUNDATION CONDITIONING FABRIC
84	LF	15" DRAINAGE PIPE
616	LF	15" RC PIPE CULVERTS, CLASS IV
38	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
970	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
140	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
95	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
6	EA	MASONRY DRAINAGE STRUCTURES
6	EA	FRAME WITH TWO GRATES, STD 840.29
684	LF	SHOULDER BERM GUTTER
912.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	TON	RIP RAP, CLASS B
515	SY	FILTER FABRIC FOR DRAINAGE
400	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
90	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	CONES
40	LF	BARRICADES (TYPE III)
60	HR	FLAGGER
2,176	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,176	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
14	EA	PERMANENT RAISED PAVEMENT MARKERS
1,074	LF	6" WATER LINE
2	EA	6" VALVE
1,080	LF	ABANDON 6" UTILITY PIPE
470	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
470	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
1,175	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
160	TON	STONE FOR EROSION CONTROL, CLASS B
210	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING

0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
450	LF	SAFETY FENCE
160	CY	SILT EXCAVATION
1,530	SY	MATTING FOR EROSION CONTROL
800	LF	1/4" HARDWARE CLOTH
365	SY	FLOATING TURBIDITY CURTAIN
50	LF	WATTLE
35	LB	POLYACRYLAMIDE (PAM)
100	LF	COIR FIBER BAFFLES
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+85.00-L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+85.00-L-)
68	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+85.00-L-)
12,784	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
2,925	LF	16" PRESTRESSED CONC PILES
40	EA	PILE REDRIVES
380.5	LF	TWO BAR METAL RAIL
395.5	LF	1'-.**X ***** CONCRETE PARAPET (1'-2"X2'-9")
400	TON	RIP RAP CLASS II (2'-0" THICK)
440	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,565.88	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

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

L110315 003

CONTRACT ID : C202242 34440.3.6

DIV OFFICE GREENVILLE

LENGTH = 4.475 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2013

US-17 FROM NORTH OF SR-1509 (SPRINGS RD) TO NORTH OF NC-171.

ROADWAY ITEMS				
		1,320	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
		270	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
Lump Sum	LS	1,120	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	41,970	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	2,520	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	LS	516	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	85,000	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
Lump Sum	LS	1,602	CY	SUBDRAIN EXCAVATION
Lump Sum	LS	4,400	SY	FILTER FABRIC FOR SUBSURFACE DRAINS
Lump Sum	LS	462	CY	SUBDRAIN FINE AGGREGATE
		740	CY	SUBDRAIN COARSE AGGREGATE
11,650	CY	4,400	LF	6" PERFORATED SUBDRAIN PIPE
1	ACR	15	EA	SUBDRAIN PIPE OUTLETS
15,500	TON	90	LF	6" OUTLET PIPE (SUBDRAINS)
6,900	CY	5	SY	SEEPS
7,500	CY	17	CY	ENDWALLS
114,200	SY	35	CY	REINFORCED ENDWALLS
2,100	SF	4	CY	PIPE COLLARS
70	SY	1	CY	PIPE PLUGS
84,500	CY	67	EA	MASONRY DRAINAGE STRUCTURES
		3	LF	MASONRY DRAINAGE STRUCTURES
		9	EA	FRAME WITH TWO GRATES, STD 840.16
		1	EA	FRAME WITH TWO GRATES, STD 840.20
200	TON	23	EA	FRAME WITH TWO GRATES, STD 840.22
3,270	TON	33	EA	FRAME WITH TWO GRATES, STD 840.24
73,220	SY	1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
3,492	LF	9	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
476	LF	120	LF	SHOULDER BERM GUTTER
528	LF	4	EA	MODIFIED CONCRETE FLUME
2,316	LF	660	SY	6" CONCRETE DRIVEWAY
		20	SY	4" CONCRETE PAVED DITCH
296	LF	4,390	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
712	LF	1	EA	ADJUSTMENT OF DROP INLETS
744	LF	2,350	LF	STEEL BM GUARDRAIL
348	LF	62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
1,740	LF	10	EA	ADDITIONAL GUARDRAIL POSTS
104	LF	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
136	LF	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
164	LF	5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
172	LF	8	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
5	EA	12	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
1	EA	680	LF	REMOVE EXISTING GUARDRAIL
2	EA	1,837.5	LF	TEMPORARY STEEL BM GUARDRAIL
2	EA	3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
76	LF	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-83)
2	EA	10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
222	LF	41,200	LF	WOVEN WIRE FENCE, 47" FABRIC
300	LF	2,520	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
5,440	LF	790	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
3,000	TON	1,100	LF	ADDITIONAL BARBED WIRE
3,500	TON	120	TON	RIP RAP, CLASS I
1,220	SY	200	TON	RIP RAP, CLASS B

		23	EA	RELOCATE WATER METER		
		7	EA	RECONNECT WATER METER		
		6	EA	RELOCATE FIRE HYDRANT		
4,155	SY			FILTER FABRIC FOR DRAINAGE		
2	EA			PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON		
4	EA			GENERIC EROSION CONTROL ITEM LEVEL SPREADER		
1	EA			GENERIC EROSION CONTROL ITEM RIP-RAPPED ENERGY DISSIPATOR BASIN		
260	TON			#57 STONE BACKFILL		
1	CY			REINFORCED CONCRETE SIGN FOUNDATIONS		
495	LB			SUPPORTS, BREAKAWAY STEEL BEAM		
3,099	LF			SUPPORTS, WOOD		
11	EA			SIGN ERECTION, TYPE D		
213	EA			SIGN ERECTION, TYPE E		
26	EA			SIGN ERECTION, TYPE F		
1	EA			SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)		
2	EA			SIGN ERECTION, RELOCATE, TYPE *** (GROUND MOUNTED) (D)		
1	EA			SIGN ERECTION, RELOCATE, TYPE *** (GROUND MOUNTED) (F)		
50	EA			DISPOSAL OF SIGN SYSTEM, WOOD		
914	SF			WORK ZONE SIGNS (STATIONARY)		
244	SF			WORK ZONE SIGNS (PORTABLE)		
200	SF			WORK ZONE SIGNS (BARRICADE MOUNTED)		
2	EA			FLASHING ARROW PANELS, TYPE C		
2	EA			CHANGEABLE MESSAGE SIGN		
60	DAY			CHANGEABLE MESSAGE SIGN (SHORT TERM)		
600	EA			DRUMS		
50	EA			CONES		
420	LF			BARRICADES (TYPE III)		
500	MD			FLAGGER		
3	EA			TEMPORARY CRASH CUSHIONS		
4	EA			RESET TEMPORARY CRASH CUSHIONS		
700	LF			PORTABLE CONCRETE BARRIER		
1,135	LF			RESET PORTABLE CONCRETE BARRIER		
120	HR			LAW ENFORCEMENT		
50	EA			SKINNY DRUM		
746	EA			TEMPORARY RAISED PAVEMENT MARKERS		
3,427	LF			THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)		
5,324	LF			THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)		
92,617	LF			THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)		
22,121	LF			THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)		
14,265	LF			THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)		
278	LF			THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)		
71	EA			THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)		
4,500	LF			COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)		***** BEGIN SCHEDULE AB ***** ***** (2 ALTERNATES) *****
1,564	LF			COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)		
435	LF			COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)		
1	EA			COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)		
117,294	LF			PAINT PAVEMENT MARKING LINES (4")		
13,500	LF			PAINT PAVEMENT MARKING LINES (8")		
250	LF			PAINT PAVEMENT MARKING LINES (24")		
121	EA			PAINT PAVEMENT MARKING SYMBOL		
3,600	LF			REMOVAL OF PAVEMENT MARKING LINES (4")		
679	EA			SNOWBLOWABLE PAVEMENT MARKERS		
152	LF			4" WATER LINE		
3,558	LF			6" WATER LINE		
15,183	LF			8" WATER LINE		
721	LF			12" WATER LINE		
3	EA			4" VALVE		
3	EA			6" VALVE		
18	EA			8" VALVE		
2	EA			12" VALVE		
		23	EA	RELOCATE WATER METER		
		7	EA	RECONNECT WATER METER		
		6	EA	RELOCATE FIRE HYDRANT		
		3,277	LF	ABANDON 6" UTILITY PIPE		
		11,204	LF	ABANDON 8" UTILITY PIPE		
		422	LF	ABANDON 12" UTILITY PIPE		
		275	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL		
		275	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL		
		1,036	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL		
		1,036	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL		
		24	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL		
		24	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL		
		20,000	LF	TEMPORARY SILT FENCE		
		2,825	TON	STONE FOR EROSION CONTROL, CLASS A		
		10,035	TON	STONE FOR EROSION CONTROL, CLASS B		
		5,750	TON	SEDIMENT CONTROL STONE		
		100	ACR	TEMPORARY MULCHING		
		3,250	LB	SEED FOR TEMPORARY SEEDING		
		14	TON	FERTILIZER FOR TEMPORARY SEEDING		
		5,000	LF	TEMPORARY SLOPE DRAINS		
		100	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS		
		6,000	LF	SAFETY FENCE		
		14,400	CY	SILT EXCAVATION		
		40,000	SY	MATTING FOR EROSION CONTROL		
		1,100	SY	COIR FIBER MAT		
		1,415	SY	PERMANENT SOIL REINFORCEMENT MAT		
		5,900	LF	1/4" HARDWARE CLOTH		
		300	LF	*** TEMPORARY PIPE (18")		
		500	SY	FLOATING TURBIDITY CURTAIN		
		10	EA	SPECIAL STILLING BASINS		
		3,000	LF	COIR FIBER WATTLE		
		4,000	LB	POLYACRYLAMIDE (PAM)		
		2,000	LF	COIR FIBER BAFFLES		
		53	EA	*** SKIMMER (1-1/2")		
		1	EA	*** SKIMMER (2")		
		100	ACR	SEEDING & MULCHING		
		100	ACR	MOWING		
		1,750	LB	SEED FOR REPAIR SEEDING		
		5.5	TON	FERTILIZER FOR REPAIR SEEDING		
		2,750	LB	SEED FOR SUPPLEMENTAL SEEDING		
		82.25	TON	FERTILIZER TOPDRESSING		
		100	LF	IMPERVIOUS DIKE		
		100	MHR	SPECIALIZED HAND MOWING		
		75	EA	RESPONSE FOR EROSION CONTROL		
		10	ACR	REFORESTATION		
		15,000	CY	GENERIC EROSION CONTROL ITEM BORROW PIT DEWATERING BASIN		
		Lump Sum	LS	GRADING		
		55,500	TON	AGGREGATE BASE COURSE		
		43,990	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
		30,430	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
		3,460	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
						*** OR ***
		Lump Sum	LS	GRADING		
		14,279	TON	AGGREGATE BASE COURSE		
		52,940	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
		38,090	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
		4,205	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
						*** END SCHEDULE AB ***
						<b>STRUCTURE ITEMS</b>
		Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *****		
						(54+34.00-L-LT)



Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (54+34.00-L-RT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (222+51.50-L-RT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (54+34.00-L-LT)
1	EA	PDA TESTING
3	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (222+51.50-L-LT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (222+51.50-L-RT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (54+34.00-L-LT)
30,516	SF	REINFORCED CONCRETE DECK SLAB
32,982	SF	GROOVING BRIDGE FLOORS
480.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (222+51.50-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (222+51.50-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (54+34.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (54+34.00-L-RT)
67,733	LB	REINFORCING STEEL (BRIDGE)
1,432.81	LF	36" PRESTRESSED CONCRETE GIR- DERS
2,160.31	LF	45" PRESTRESSED CONCRETE GIR- DERS
3,630	LF	20" PRESTRESSED CONC PILES
2,465	LF	HP12X53 STEEL PILES
2,240	LF	HP14X73 GALVANIZED STEEL PILES
62	EA	PILE REDRIVES
1,384.86	LF	CONCRETE BARRIER RAIL
1,175	TON	RIP RAP CLASS II (2'-0" THICK)
1,300	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

L110315 004

CONTRACT ID : C202586 34964.2.3

DIV OFFICE WILSON

LENGTH = 1.387 MI

COUNTY : NASH

GRADING, DRAINAGE, PAVING, C &amp; G, SIGNALS &amp; STRUCTURES.

DBE GOAL 11.0% COMPLETION DATE : JUL 01 2014

SR-1604 FROM SR-1616 TO NC-43/48.

ROADWAY ITEMS		Lump Sum	LS	
		500	TON	FINE GRADING
		14,500	TON	STABILIZER AGGREGATE
		12,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
		10,900	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
		760	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
		1,900	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
		260	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
		224	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
		168	CY	SUBDRAIN EXCAVATION
		1,000	CY	SUBDRAIN FINE AGGREGATE
		2	EA	6" PERFORATED SUBDRAIN PIPE
		12	EA	SUBDRAIN PIPE OUTLETS
		1	EA	6" OUTLET PIPE (SUBDRAINS)
		3.4	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
		10.377	CY	ENDWALLS
		0.103	CY	PIPE COLLARS
		1.45	CY	PIPE PLUGS
		150	EA	FLOWABLE FILL
		44.73	EA	MASONRY DRAINAGE STRUCTURES
		1	EA	MASONRY DRAINAGE STRUCTURES
		19	EA	FRAME WITH GRATE, STD 840.24
		5	EA	FRAME WITH TWO GRATES, STD 840.16
		10	EA	FRAME WITH TWO GRATES, STD 840.24
		44	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
		59	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
		11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
		19	EA	FRAME WITH COVER, STD 840.54
		10	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
		8,840	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
		17,120	EA	1'-6" CONCRETE CURB & GUTTER
		3,470	EA	2'-6" CONCRETE CURB & GUTTER
		28	EA	4" CONCRETE SIDEWALK
		300	EA	CONCRETE WHEELCHAIR RAMPS
		160	EA	6" CONCRETE DRIVEWAY
		1,300	EA	4" CONCRETE PAVED DITCH
		18	EA	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
		1,862.5	EA	GENERIC PAVING ITEM
		150	EA	6" CONC SIDEWALK (FOR 8' X 20' BUS SHELTER PAD)
		2	EA	STEEL BM GUARDRAIL
		10	EA	STEEL BM GUARDRAIL, SHOP CURVED
		4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
		4	EA	ADDITIONAL GUARDRAIL POSTS
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
		350	EA	TEMPORARY STEEL BM GUARDRAIL
		2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
		900	EA	CHAIN LINK FENCE, 48" FABRIC
		75	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			CONSTRUCTION SURVEYING
Lump Sum	LS			CLEARING & GRUBBING .. ACRE(S)
1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
9,850	CY			UNCLASSIFIED EXCAVATION
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (50+72.00 -L- EBL)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (50+79.33 -L- WBL)
1,900	CY			UNDERCUT EXCAVATION
1,950	CY			SHALLOW UNDERCUT
3,700	TON			CLASS IV SUBGRADE STABILIZATION
66,000	LF			WICK DRAINS
71,700	CY			BORROW EXCAVATION
7	EA			EMBANKMENT SETTLEMENT GAUGES
870	CY			DRAINAGE DITCH EXCAVATION
3,150	SY			REMOVAL OF EXISTING ASPHALT PAVEMENT
2,930	SY			BREAKING OF EXISTING ASPHALT PAVEMENT
3,500	CY			SELECT GRANULAR MATERIAL, CLASS III
7,500	SY			FABRIC FOR SOIL STABILIZATION
3,133	SF			TEMPORARY SHORING
2,500	SY			GENERIC GRADING ITEM HIGH STRENGTH FABRIC FOR EMBANKMENT STABILIZATION
3,500	SY			GENERIC GRADING ITEM NONWOVEN FABRIC FOR SOIL SEPARATION
1,180	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
3,690	SY			FOUNDATION CONDITIONING FABRIC
56	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (18", 0.5", B)
112	LF			GENERIC PIPE ITEM 12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
124	LF			GENERIC PIPE ITEM 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
7,110	LF			GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III
196	LF			GENERIC PIPE ITEM 15" SIDE DRAIN PIPE
60	LF			GENERIC PIPE ITEM 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
1,900	LF			GENERIC PIPE ITEM 18" RC PIPE CULVERTS, CLASS III
1,056	LF			GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III
132	LF			GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III
236	LF			GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS III
144	LF			GENERIC PIPE ITEM 48" RC PIPE CULVERTS, CLASS III
12	LF			GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS III
3	EA			GENERIC PIPE ITEM 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
1	EA			GENERIC PIPE ITEM 18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
3,463	LF			PIPE REMOVAL

6	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
329	TON	RIP RAP, CLASS I
140	TON	RIP RAP, CLASS B
2,410	SY	FILTER FABRIC FOR DRAINAGE
15	CY	OVERHEAD FOOTING
1,507	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (81+12 -L-)
5	EA	SIGN ERECTION, TYPE D
64	EA	SIGN ERECTION, TYPE E
13	EA	SIGN ERECTION, TYPE F
3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
55	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3	EA	DISPOSAL OF SIGN SYSTEM, WOOD
3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
551	SF	WORK ZONE SIGNS (STATIONARY)
408	SF	WORK ZONE SIGNS (PORTABLE)
133	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
360	EA	DRUMS
100	EA	CONES
416	LF	BARRICADES (TYPE III)
8,760	HR	FLAGGER
4	EA	TEMPORARY CRASH CUSHIONS
2	EA	TMIA
970	LF	PORTABLE CONCRETE BARRIER
110	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
480	HR	LAW ENFORCEMENT
35	EA	TUBULAR MARKERS (FIXED)
594	EA	TEMPORARY RAISED PAVEMENT MARKERS
6,576	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
12,293	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,784	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
646	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
102	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
974	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
147,630	LF	PAINT PAVEMENT MARKING LINES (4")
404	LF	PAINT PAVEMENT MARKING LINES (8")
1,600	LF	PAINT PAVEMENT MARKING LINES (24")
129	EA	PAINT PAVEMENT MARKING SYMBOL
52,432	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
200	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
1,600	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
70	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
9	EA	7" U-CHANNEL POSTS
9	EA	OBJECT MARKERS (END OF ROAD)
31	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
373	LF	6" WATER LINE
48	LF	8" WATER LINE
455	LF	12" WATER LINE
540	LF	16" WATER LINE
253	LF	30" WATER LINE
2	EA	6" VALVE
1	EA	16" VALVE
2	EA	6" TAPPING VALVE
1	EA	2" BLOW OFF
32	EA	RELOCATE WATER METER
5	EA	FIRE HYDRANT
8	EA	RELOCATE FIRE HYDRANT
1,103	LF	8" SANITARY GRAVITY SEWER
4	EA	4" DIA UTILITY MANHOLE
21.93	LF	UTILITY MANHOLE WALL, 4' DIA
1,056	LF	ABANDON 8" UTILITY PIPE
449	LF	ABANDON 12" UTILITY PIPE
521	LF	ABANDON 16" UTILITY PIPE
251	LF	ABANDON 30" UTILITY PIPE
5	EA	REMOVE WATER METER
5	EA	REMOVE FIRE HYDRANT
2	EA	REMOVE UTILITY MANHOLE
102	LF	16" ENCASEMENT PIPE
18,000	LF	TEMPORARY SILT FENCE
940	TON	STONE FOR EROSION CONTROL, CLASS A
3,450	TON	STONE FOR EROSION CONTROL, CLASS B
2,700	TON	SEDIMENT CONTROL STONE
20	ACR	TEMPORARY MULCHING
750	LB	SEED FOR TEMPORARY SEEDING
4	TON	FERTILIZER FOR TEMPORARY SEEDING
1,500	LF	TEMPORARY SLOPE DRAINS
20	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,850	LF	SAFETY FENCE
5,650	CY	SILT EXCAVATION
8,500	SY	MATTING FOR EROSION CONTROL
70	SY	COIR FIBER MAT
200	SY	PERMANENT SOIL REINFORCEMENT MAT
7,100	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
250	LB	POLYACRYLAMIDE (PAM)
1,200	LF	COIR FIBER BAFFLES
6	EA	*** SKIMMER (1-1/2")
20	ACR	SEEDING & MULCHING
20	ACR	MOWING
300	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING
600	LB	SEED FOR SUPPLEMENTAL SEEDING
18	TON	FERTILIZER TOPDRESSING
50	LF	IMPERVIOUS DIKE
20	MHR	SPECIALIZED HAND MOWING
36	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
7,850	CY	GENERIC EROSION CONTROL ITEM BORROW PIT DEWATERING BASIN
9,970	LF	SIGNAL CABLE
51	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
9	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
14	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
8,010	LF	MESSENGER CABLE (1/4")
3,850	LF	MESSENGER CABLE (3/8")
2,570	LF	TRACER WIRE
40	LF	PAVED TRENCHING (***** (1, 2"))
2,060	LF	UNPAVED TRENCHING (***** (1, 2"))
740	LF	UNPAVED TRENCHING (***** (2, 2"))
100	LF	UNPAVED TRENCHING (***** (4, 2"))
390	LF	DIRECTIONAL DRILL (***** (1, 2"))
1,860	LF	DIRECTIONAL DRILL (***** (2, 2"))
4	EA	JUNCTION BOX (***** (SPECIAL-SIZED, HEAVY DUTY)
38	EA	JUNCTION BOX (STANDARD SIZE)
9	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
11	EA	WOOD POLE
50	EA	GUY ASSEMBLY
3	EA	1" RISER WITH WEATHERHEAD
6	EA	2" RISER WITH WEATHERHEAD
1	EA	HEAT SHRINK TUBING RETROFIT KIT
6	EA	2" RISER WITH HEAT SHRINK TUBING
5,590	LF	INDUCTIVE LOOP SAWCUT
14,960	LF	LEAD-IN CABLE (***** (14-2)
3	EA	SITE SURVEY
12	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
12	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
3	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
10,240	LF	COMMUNICATIONS CABLE (**FIBER) (24)
3,550	LF	COMMUNICATIONS CABLE (**FIBER) (6)
2	EA	SPLICE ENCLOSURE
10	EA	DELINEATOR MARKER

500	LF	REMOVE EXISTING COMMUNICATIONS CABLE
2	EA	CABLE TRANSFER
12	EA	METAL STRAIN SIGNAL POLE
12	EA	SOIL TEST
144	CY	DRILLED PIER FOUNDATION
7	EA	SIGN FOR SIGNALS
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
32	EA	DETECTOR CARD (TYPE 2070L)
3	EA	CABINET BASE EXTENDER
1	EA	GENERIC SIGNAL ITEM FURNISH GPS UNIT
3	EA	GENERIC SIGNAL ITEM GPS UNIT

### WALL ITEMS

4,750	SF	MSE RETAINING WALLS
7,350	SF	GENERIC RETAINING WALL ITEM TWO STAGE MSE RETAINING WALLS

### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (50+77.00-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 50+77.00-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 50+77.00-L-RT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (50+77.00-L-LT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (50+77.00-L-RT)
16,672	SF	REINFORCED CONCRETE DECK SLAB
13,904	SF	GROOVING BRIDGE FLOORS
211	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (50+77.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (50+77.00-L-RT)
30,628	LB	REINFORCING STEEL (BRIDGE)
3,484	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
630,000	LS	APPROX ..... LBS STRUCTURAL STEEL
2,280	LF	HP12X53 STEEL PILES
414.76	LF	THREE BAR METAL RAIL
430.5	LF	CONCRETE BARRIER RAIL
1,180	SY	4" SLOPE PROTECTION
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110315 005

CONTRACT ID : C202718 10C.090120

DIV OFFICE ALBEMARLE

LENGTH = 19.923 MI

COUNTY : UNION

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : OCT 14 2011

1 SECTION OF US-601, US-74, AND NC-522, AND 10 SECTIONS OF SECONDARY ROAD.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
7,385	CY	BORROW EXCAVATION
1,299	TON	STABILIZER AGGREGATE
1,295	TON	INCIDENTAL STONE BASE
13.7	SMI	SHOULDER CONSTRUCTION
23.37	SMI	SHOULDER RECONSTRUCTION
3,571	LF	DITCHING
74,305	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
3,700	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
400	SY	INCIDENTAL MILLING
7,120	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
27,287	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
15,495	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
630	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
16,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,591	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
972	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
6,074	TON	PATCHING EXISTING PAVEMENT
1,388	SY	6" CONCRETE DRIVEWAY
13	EA	ADJUSTMENT OF MANHOLES
24	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
210,435	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
188,325	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
476	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
852	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
34	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
47	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
171,014	LF	PAINT PAVEMENT MARKING LINES (4")
2,601	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
3,898	LF	TEMPORARY SILT FENCE
454	TON	STONE FOR EROSION CONTROL, CLASS B
227	TON	SEDIMENT CONTROL STONE
2,868	LF	WATTLE
7.83	LB	POLYACRYLAMIDE (PAM)
6.7	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110315 006

CONTRACT ID : C202721

10CR.10841.25

DIV OFFICE ALBEMARLE

LENGTH = 23.920 MI

COUNTY : STANLY

MILLING,RESURFACING, SHOULDER RECONST, AND SHOULDER CONST.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : SEP 15 2011

2 SECTIONS OF US-52, NC-49, AND NC-742, 1 SECTION OF NC-740, NC-8, AND NC-205, AND 10 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
628	CY	BORROW EXCAVATION
1,126	TON	INCIDENTAL STONE BASE
9.18	SMI	SHOULDER CONSTRUCTION
29.1	SMI	SHOULDER RECONSTRUCTION
1,800	LF	DITCHING
90,855	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
56,920	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
1,440	SY	INCIDENTAL MILLING
6,360	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
8,696	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
13,735	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,271	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
19,852	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
586	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,652	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,229	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
5,777	TON	PATCHING EXISTING PAVEMENT
7	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
11	EA	CONCRETE WHEELCHAIR RAMPS
255	SY	6" CONCRETE DRIVEWAY
4	EA	ADJUSTMENT OF CATCH BASINS
17	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
156,092	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
77,608	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,270	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
248	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
477	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
288,243	LF	PAINT PAVEMENT MARKING LINES (4")
90	LF	PAINT PAVEMENT MARKING LINES (24")
1,676	EA	PERMANENT RAISED PAVEMENT MARKERS
2,340	LF	TEMPORARY SILT FENCE
8,710	SY	MATTING FOR EROSION CONTROL
5,440	LF	WATTLE
11	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110315 007

CONTRACT ID : C202715 11CR.10061.18

DIV OFFICE NORTH WILKESBORO

LENGTH = 13.392 MI

COUNTY : AVERY, WATAUGA

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : SEP 30 2011

1 SECTION OF US-321, NC-184, NC-194, AND 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,539	CY	BORROW EXCAVATION
200	TON	INCIDENTAL STONE BASE
16.94	SMI	SHOULDER RECONSTRUCTION
231,495	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
6,870	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
13,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,545	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
645	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
798	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
98	TON	PATCHING EXISTING PAVEMENT
609,027	LF	PAINT PAVEMENT MARKING LINES (4")
900	LF	PAINT PAVEMENT MARKING LINES (8")
224	LF	PAINT PAVEMENT MARKING LINES (12")
864	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARAC- TER
47	EA	PAINT PAVEMENT MARKING SYMBOL
2,075	EA	SNOWPLOWABLE PAVEMENT MARKERS
7.38	ACR	SEEDING & MULCHING
968	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110315 008

CONTRACT ID : C202719 12CR.10491.10

DIV OFFICE SHELBY

LENGTH = 21.820 MI

COUNTY : IREDELL

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : NOV 15 2011

1 SECTION OF US-21, NC-801, AND NC-115, AND 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,377	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
1,500	TON	INCIDENTAL STONE BASE
33.82	SMI	SHOULDER RECONSTRUCTION
123,478	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
2,490	SY	INCIDENTAL MILLING
36,774	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,450	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
2,431	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5,250	TON	PATCHING EXISTING PAVEMENT
3	EA	ADJUSTMENT OF CATCH BASINS
34	EA	ADJUSTMENT OF DROP INLETS
157	EA	ADJUSTMENT OF MANHOLES
82	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
93,090	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
93,090	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
48	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
211	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
481,580	LF	PAINT PAVEMENT MARKING LINES (4")
1,100	LF	PAINT PAVEMENT MARKING LINES (8")
2,095	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
20,500	LF	INDUCTIVE LOOP SAWCUT



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110315 009

CONTRACT ID : C202432 33778.3.1

DIV OFFICE SYLVA

LENGTH = 0.083 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2011

BRIDGE OVER THE CULLASAJA RIVER AND APPROACHES ON SR-1551.

		ROADWAY ITEMS					
				50	LB	SEED FOR TEMPORARY SEEDING	
				0.25	TON	FERTILIZER FOR TEMPORARY SEEDING	
Lump Sum	LS	MOBILIZATION		200	LF	TEMPORARY SLOPE DRAINS	
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING		4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (13+26.00)		350	LF	SAFETY FENCE	
100	CY	SHALLOW UNDERCUT		100	CY	SILT EXCAVATION	
Lump Sum	LS	GRADING		2,000	SY	MATTING FOR EROSION CONTROL	
120	CY	UNDERCUT EXCAVATION		510	SY	PERMANENT SOIL REINFORCEMENT MAT	
100	TON	CLASS IV SUBGRADE STABILIZATION		50	LF	1/4" HARDWARE CLOTH	
6	CY	DRAINAGE DITCH EXCAVATION		225	SY	FLOATING TURBIDITY CURTAIN	
100	CY	SELECT GRANULAR MATERIAL		4	EA	SPECIAL STILLING BASINS	
260	SY	FABRIC FOR SOIL STABILIZATION		10	LB	POLYACRYLAMIDE (PAM)	
75	TON	ROCK EMBANKMENTS		0.5	ACR	SEEDING & MULCHING	
40	TON	SELECT MATERIAL, CLASS ***** (VI)		0.5	ACR	MOWING	
20	LF	24" SIDE DRAIN PIPE		50	LB	SEED FOR REPAIR SEEDING	
48	LF	PIPE REMOVAL		0.25	TON	FERTILIZER FOR REPAIR SEEDING	
100	TON	INCIDENTAL STONE BASE		50	LB	SEED FOR SUPPLEMENTAL SEEDING	
10	SY	INCIDENTAL MILLING		0.25	TON	FERTILIZER TOPDRESSING	
2	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		10	MHR	SPECIALIZED HAND MOWING	
				18	EA	RESPONSE FOR EROSION CONTROL	
				0.1	ACR	REFORESTATION	
83	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		<b>STRUCTURE ITEMS</b>			
150	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (13+26.00-L-)	
15	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+26.00-L-)	
13	EA	RIGHT OF WAY MARKERS		38.67	LF	3'-6" DIA DRILLED PIERS IN SOIL	
22.4	CY	SUBDRAIN EXCAVATION		22	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL	
16.8	CY	SUBDRAIN FINE AGGREGATE		39.26	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER	
100	LF	6" PERFORATED SUBDRAIN PIPE		1	EA	SID INSPECTION	
1	EA	SUBDRAIN PIPE OUTLETS		1	EA	CROSSHOLE SONIC LOGGING	
6	LF	6" OUTLET PIPE (SUBDRAINS)		Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+26.00-L-)	
38	LF	SHOULDER BERM GUTTER		42.4	CY	CLASS A CONCRETE (BRIDGE)	
2	EA	MODIFIED CONCRETE FLUME		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+26.00-L-)	
5	SY	4" CONCRETE PAVED DITCH		9,216	LB	REINFORCING STEEL (BRIDGE)	
25	LF	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED STEEL BM GUARDRAIL		1,289	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	
5	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED ADDITIONAL GUARDRAIL POST		205	LF	HP12X53 STEEL PILES	
3	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE 350, TL-2		10	EA	STEEL PILE POINTS	
1	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE AT-1		205.5	LF	1'-***X ***** CONCRETE PARAPET (1'-0" X 2-9 3/4")	
4	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE III		297	TON	RIP RAP CLASS II (2'-0" THICK)	
21	TON	RIP RAP, CLASS B		330	SY	FILTER FABRIC FOR DRAINAGE	
785	SY	FILTER FABRIC FOR DRAINAGE		Lump Sum	LS	ELASTOMERIC BEARINGS	
160	SY	GENERIC EROSION CONTROL ITEM FILTER FABRIC FOR ROCK EMBANKMENT		1,026.25	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS	
52	LF	SUPPORTS, 3-LB STEEL U-CHANNEL		190.5	LF	GENERIC STRUCTURE ITEM 2 BAR ANODIZED RAIL	
4	EA	SIGN ERECTION, TYPE E					
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL					
4	EA	DISPOSAL OF SIGN, D, E OR F					
270	SF	WORK ZONE SIGNS (STATIONARY)					
67	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)					
80	LF	BARRICADES (TYPE III)					
2,780	LF	PAINT PAVEMENT MARKING LINES (4")					
225	LF	TEMPORARY SILT FENCE					
250	TON	STONE FOR EROSION CONTROL, CLASS A					
75	TON	STONE FOR EROSION CONTROL, CLASS B					
125	TON	SEDIMENT CONTROL STONE					
0.5	ACR	TEMPORARY MULCHING					

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

L110419 001

CONTRACT ID : C202599 35742.3.1

DIV OFFICE EDENTON

LENGTH = 0.630 MI

COUNTY : PASQUOTANK, CAMDEN

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.

DBE GOAL 5.0% COMPLETION DATE : MAY 01 2015

US-158 FROM US-17B (N ROAD ST) TO EAST OF PASQUOTANK RIVER IN ELIZABETH CITY.

ROADWAY ITEMS					
			885 TON	AGGREGATE BASE COURSE	
			200 TON	INCIDENTAL STONE BASE	
			1,290 CY	SHOULDER BORROW	
Lump Sum	LS	MOBILIZATION	5,940 SY	MILLING ASPHALT PAVEMENT, ****	
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM STORMWATER PUMP SYSTEM & SITE WORK		DEPTH (3")	
187	LF	GENERIC MISCELLANEOUS ITEM DETENTION BASIN WALL	4,410 SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1" TO 3")	
79,922	LB	GENERIC MISCELLANEOUS ITEM EPOXY COATED REINFORCING STEEL (ROADWAY)	80 SY	INCIDENTAL MILLING	
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	170 TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	
20	EA	GENERIC MISCELLANEOUS ITEM OBSERVATION TUBES	42 TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	270 TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
1,200	CY	UNCLASSIFIED EXCAVATION	10 TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+31.56)	17 TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	
22,530	CY	UNDERCUT EXCAVATION	200 TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	
500	CY	SHALLOW UNDERCUT	14,200 SY	*****" PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (10-1/2")	
1,000	TON	CLASS IV SUBGRADE STABILIZA- TION	4,400 SY	GENERIC PAVING ITEM MILLING CONC PAVEMENT, 1-1/2" DEPTH	
5,810	CY	DRAINAGE DITCH EXCAVATION	18,520 SY	GENERIC PAVING ITEM NONWOVEN GEOTEXTILE INTERLAYER FOR SEPARATING CEMENTITIOUS PVT LAYERS	
1,000	CY	SELECT GRANULAR MATERIAL	4,100 SY	GENERIC PAVING ITEM VARIABLE DEPTH CONCRETE OVERLAY	
2,500	SY	FABRIC FOR SOIL STABILIZATION	Lump Sum	LS	SURFACE TESTING CONCRETE PAVE- MENT
1,100	SY	ROCK PLATING	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
4,000	CY	GENERIC GRADING ITEM CONTAMINATED SOIL STOCKPILING	224	CY	SUBDRAIN EXCAVATION
20,530	CY	GENERIC GRADING ITEM FOAMED CONCRETE	168	CY	SUBDRAIN FINE AGGREGATE
5,500	CY	GENERIC GRADING ITEM REMOVAL OF EXISTING ASPHALT PAVEMENT	1,000	LF	6" PERFORATED SUBDRAIN PIPE
13,480	SY	GENERIC GRADING ITEM HIGH STRENGTH GEOTEXTILE FOR FOAMED CONC	2	EA	SUBDRAIN PIPE OUTLETS
30,160	SY	GENERIC GRADING ITEM WELDED WIRE FABRIC FOR FOAMED CONC	12	LF	6" OUTLET PIPE (SUBDRAINS)
6,000	TON	GENERIC GRADING ITEM CONTAMINATED SOIL HAULING AND DISPOSAL	6	CY	ENDWALLS
18	LF	GENERIC GRADING ITEM ANCHORED SHEET PILING BULKHEAD WALL	1	CY	PIPE PLUGS
15	LF	GENERIC GRADING ITEM CONTRACTOR DESIGNED TEMPORARY SHORING	2	CY	FLOWABLE FILL
1,140	LF	GENERIC GRADING ITEM CURTAIN WALL SHEETING	101	EA	MASONRY DRAINAGE STRUCTURES
1,261	LF	GENERIC GRADING ITEM TEMPORARY SHEETING	24	LF	MASONRY DRAINAGE STRUCTURES
15	EA	GENERIC GRADING ITEM ROADWAY MICROPILE PROOF TEST	9	EA	FRAME WITH TWO GRATES, STD 840.16
3	EA	GENERIC GRADING ITEM ROADWAY MICROPILE VERIFICATION TEST	9	EA	FRAME WITH TWO GRATES, STD 840.29
277	EA	GENERIC GRADING ITEM ROADWAY MICROPILES	14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2	EA	GENERIC GRADING ITEM UNDERGROUND STORAGE TANK REMOVAL AND DISPOSAL	31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
710	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
2,210	SY	FOUNDATION CONDITIONING FABRIC	13	EA	FRAME WITH COVER, STD 840.54
680	LF	15" DRAINAGE PIPE	510	LF	***X*** CONCRETE CURB (8" X 18")
808	LF	18" DRAINAGE PIPE	60	LF	1'-6" CONCRETE CURB & GUTTER
492	LF	24" DRAINAGE PIPE	6,475	LF	2'-6" CONCRETE CURB & GUTTER
812	LF	30" DRAINAGE PIPE	1	EA	MODIFIED CONCRETE FLUME
680	LF	36" DRAINAGE PIPE	30	LF	CONCRETE VALLEY GUTTER
3,156	LF	42" DRAINAGE PIPE	3,890	SY	4" CONCRETE SIDEWALK
277	LF	GENERIC PIPE ITEM 9'-7" X 6'-6" CAA STRUCTUAL PLATE PIPE ARCH, 0.125" THICK, CONTRACTOR DESIGN	32	EA	CONCRETE WHEELCHAIR RAMPS
4,323	LF	PIPE REMOVAL	1,550	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	FINE GRADING	400	SY	4" CONCRETE ISLAND COVERS
			1	EA	CONCRETE BARRIER TRANSITION SECTION
			140	SY	GENERIC PAVING ITEM POROUS CONCRETE PAVERS
			5	EA	ADJUSTMENT OF DROP INLETS
			1	EA	CONVERT EXISTING JUNCTION BOX TO CATCH BASIN

			698	LF	PAINT PAVEMENT MARKING LINES (24")
			7	EA	PAINT PAVEMENT MARKING CHARACTER
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350	126	EA	PAINT PAVEMENT MARKING SYMBOL
400	LF	STEEL BM GUARDRAIL	8,611	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
75	LF	STEEL BM GUARDRAIL, SHOP CURVED			(HIGHLY REFLECTIVE ELEMENTS)
5	EA	ADDITIONAL GUARDRAIL POSTS	3,300	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			(STANDARD GLASS BEADS)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	36	LF	POLYUREA PAVEMENT MARKING LINES (24", *****)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			(STANDARD GLASS BEADS)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	9	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****)
387	LF	REMOVE EXISTING GUARDRAIL			(STANDARD GLASS BEADS)
144	LF	CHAIN LINK FENCE, *** FABRIC (54")	16,098	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
12	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (54")	1,488	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
4	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (54")	115	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
140	LF	GENERIC FENCING ITEM WOOD FENCE RESET	12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
2	TON	RIP RAP, CLASS I	840	LF	CURING COMPOUND REMOVAL, LINES (IV)
35	TON	RIP RAP, CLASS B	150	EA	SNOWPLOWABLE PAVEMENT MARKERS
3,070	SY	FILTER FABRIC FOR DRAINAGE	325	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
169	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	3,100	LF	GENERIC LIGHTING ITEM FEEDER CIRCUIT CONDUIT, SIZE 2", TYPE BD
643	LF	SUPPORTS, WOOD	21	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES, TYPE PC18
7	EA	SIGN ERECTION, TYPE D	22	EA	GENERIC LIGHTING ITEM POST TOP FOUNDATION
47	EA	SIGN ERECTION, TYPE E	609	LF	*** WATER LINE (14")
16	EA	SIGN ERECTION, TYPE F	130	LF	4" WATER LINE
14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	85	LF	6" WATER LINE
34	EA	DISPOSAL OF SIGN SYSTEM, WOOD	195	LF	8" WATER LINE
1	EA	GENERIC SIGNING ITEM DISPOSAL OF FLASHER SYSTEM	1,346	LF	10" WATER LINE
1,070	SF	WORK ZONE SIGNS (STATIONARY)	216	LF	12" WATER LINE
973	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1	EA	4" VALVE
4	EA	FLASHING ARROW PANELS, TYPE C	4	EA	6" VALVE
6	EA	CHANGEABLE MESSAGE SIGN	4	EA	10" VALVE
275	EA	DRUMS	1	EA	2" BLOW OFF
8	EA	CONES	1	EA	3/4" WATER METER
378	LF	BARRICADES (TYPE III)	15	EA	RELOCATE WATER METER
8,640	HR	FLAGGER	8	EA	RECONNECT WATER METER
2	EA	TEMPORARY CRASH CUSHIONS	5	EA	FIRE HYDRANT
7	EA	RESET TEMPORARY CRASH CUSHIONS	5	EA	RELOCATE FIRE HYDRANT
4	EA	TMA	4	EA	6" LINE STOP
948	LF	PORTABLE CONCRETE BARRIER	4	EA	10" LINE STOP
880	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)	2	EA	24" LINE STOP
318	LF	RESET PORTABLE CONCRETE BARRIER	20	LF	4" SANITARY GRAVITY SEWER
98	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)	100	LF	6" SANITARY GRAVITY SEWER
1,480	LF	WATER FILLED BARRIER	1,115	LF	8" SANITARY GRAVITY SEWER
1,084	LF	RESET WATER FILLED BARRIER	136	LF	2" FORCE MAIN SEWER
2,400	HR	LAW ENFORCEMENT	611	LF	24" FORCE MAIN SEWER
31	EA	SKINNY DRUM	15	EA	SANITARY SEWER CLEAN-OUT
432	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	9	EA	4' DIA UTILITY MANHOLE
109	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	6	EA	5' DIA UTILITY MANHOLE
55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	23	LF	UTILITY MANHOLE WALL, 4' DIA
2,089	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	46	LF	UTILITY MANHOLE WALL, 5' DIA
59	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	156	LF	ABANDON *** UTILITY PIPE (4")
53,234	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	1,723	LF	ABANDON 6" UTILITY PIPE
3,662	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)	3,071	LF	ABANDON 8" UTILITY PIPE
700	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)	1,060	LF	ABANDON 10" UTILITY PIPE
7	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (IV)	1,258	LF	ABANDON 12" UTILITY PIPE
126	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)	900	LF	ABANDON 24" UTILITY PIPE
53,231	LF	PAINT PAVEMENT MARKING LINES (4")	1	EA	ABANDON UTILITY MANHOLE
3,660	LF	PAINT PAVEMENT MARKING LINES (8")	20	EA	REMOVE UTILITY MANHOLE
			1,025	LF	GENERIC UTILITY ITEM TEMPORARY 6" PVC WATER PIPE SDR 21, 200 #WP
			Lump Sum	LS	GENERIC UTILITY ITEM TEMPORARY WATER AND SEWER SERVICE
			2,000	LF	TEMPORARY SILT FENCE
			800	TON	STONE FOR EROSION CONTROL, CLASS A
			130	TON	STONE FOR EROSION CONTROL, CLASS B
			2,000	TON	SEDIMENT CONTROL STONE
			3	ACR	TEMPORARY MULCHING
			100	LB	SEED FOR TEMPORARY SEEDING
			0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
			200	LF	TEMPORARY SLOPE DRAINS

## STRUCTURE ITEMS

6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *****
1,000	LF	SAFETY FENCE			(16+31.22-L1-)
110	CY	SILT EXCAVATION	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *****
2,000	SY	MATTING FOR EROSION CONTROL			(16+31.22-L1-)
6,500	LF	1/4" HARDWARE CLOTH			
8,000	SY	FLOATING TURBIDITY CURTAIN	1,200	CY	FOUNDATION EXCAVATION
20	EA	SPECIAL STILLING BASINS	14	EA	PDA TESTING
200	LF	COIR FIBER WATTLE	14	EA	PDA ASSISTANCE
100	LB	POLYACRYLAMIDE (PAM)	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION *****
3	ACR	SEEDING & MULCHING			(16+31.22-L1-)
3	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING	28,992	SF	REINFORCED CONCRETE DECK SLAB
0.25	TON	FERTILIZER FOR REPAIR SEEDING	51,410	SF	GROOVING BRIDGE FLOORS
75	LB	SEED FOR SUPPLEMENTAL SEEDING	3,501.6	CY	CLASS AA CONCRETE (BRIDGE)
1.75	TON	FERTILIZER TOPDRESSING	3,800	CY	CLASS S CONCRETE (SEAL)
20	MHR	SPECIALIZED HAND MOWING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *****
50	EA	RESPONSE FOR EROSION CONTROL			(16+31.22-L1-)
16	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION)	461,021	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
		(16" WITH COUNTDOWN)			
5,500	LF	SIGNAL CABLE	512	LB	EPOXY COATED SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
29	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	3,240.4	LF	36" PRESTRESSED CONCRETE GIRDERS
7	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	622,000	LS	APPROX ..... LBS STRUCTURAL STEEL
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	5,830	LF	16" PRESTRESSED CONC PILES
250	LF	UNPAVED TRENCHING (***** (1-2"))	2,210	LF	20" PRESTRESSED CONC PILES
4,500	LF	UNPAVED TRENCHING (***** (2-2"))	16,900	LF	PP** X **** STEEL PILES (24 X 0.50)
12	EA	JUNCTION BOX (STANDARD SIZE)	101	EA	PILE REDRIVES
3	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	823.33	LF	ONE BAR METAL RAIL
2,400	LF	LEAD-IN CABLE (***** (14-2))	820.12	LF	THREE BAR METAL RAIL
4,800	LF	COMMUNICATIONS CABLE (**FIBER) (12)	722.13	LF	1'-**X ***** CONCRETE PARAPET (1'-0" X 1'-6")
4	EA	INTERCONNECT CENTER	208	CY	LATEX MODIFIED CONC OVERLAY
3	EA	DELINEATOR MARKER	3,332	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
1	EA	FURNISH FIBER-OPTIC TRANSCEIVER	Lump Sum	LS	ELASTOMERIC BEARINGS
2	EA	METAL POLE WITH SINGLE MAST ARM	Lump Sum	LS	EVAZOTE JOINT SEALS
6	EA	METAL POLE WITH DUAL MAST ARM	Lump Sum	LS	EXPANSION JOINT SEALS
9	EA	SIGNAL PEDESTAL WITH FOUNDATION	368	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
8	EA	MAST ARM WITH METAL POLE DESIGN	Lump Sum	LS	GENERIC STRUCTURE ITEM ACCESS SYSTEM
2	EA	SIGN FOR SIGNALS	Lump Sum	LS	GENERIC STRUCTURE ITEM BIRD PROTECTION
4	EA	SIGNAL CABINET FOUNDATION	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING STRUCTURE
4	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE - ARCHITECTURAL/ STRUCTURAL/GEN CONSTR
4	EA	CABINET BASE EXTENDER	Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE-MECHANICAL
2	EA	METAL POLE FOUNDATION REMOVAL	Lump Sum	LS	GENERIC STRUCTURE ITEM FENDER SYSTEM
2	EA	METAL POLE REMOVAL	Lump Sum	LS	GENERIC STRUCTURE ITEM NEW EASTBOUND BRIDGE ELECTRICAL WORK
11	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION DETECTORS	Lump Sum	LS	GENERIC STRUCTURE ITEM NEW EASTBOUND BRIDGE MECHANICAL WORK
4	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION PHASE SELECTORS	Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
6	EA	GENERIC SIGNAL ITEM POWDER COAT FOR DOUBLE MAST ARM WITH METAL POLE	Lump Sum	LS	GENERIC STRUCTURE ITEM REHAB OF WESTBOUND BRIDGE ELECTRICAL WORK
9	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PEDESTRIAN PEDESTAL	Lump Sum	LS	GENERIC STRUCTURE ITEM REHAB WESTBOUND BRIDGE MECHANICAL WORK
4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PUSH BUTTON POST	Lump Sum	LS	GENERIC STRUCTURE ITEM REHABILITATION OF PIER 1
2	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE	Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL OF EXISTING BASCULE STR AT STA 15+25.75-L1-
4	EA	GENERIC SIGNAL ITEM PUSH BUTTON POST	Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL OF PORTION OF EXISTING STR AT STA 15+25.75-L2-
8	EA	GENERIC SIGNAL ITEM SIGNAL POLE MICROPILE PROOF TEST	118	LF	GENERIC STRUCTURE ITEM 1'-0"X1'-6" CONCRETE PARAPET (SAND LIGHTWEIGHT)
32	EA	GENERIC SIGNAL ITEM SIGNAL POLE MICROPILES	102.4	LF	GENERIC STRUCTURE ITEM 2-BAR ALUMINUM HANDRAIL
4	EA	GENERIC SIGNAL ITEM WIRELESS MAGNETIC SENSOR VEHICLE DETECTOR SYSTEM	47.1	LF	GENERIC STRUCTURE ITEM END BENT CAP BULKHEAD SHEETING
68	CY	GENERIC SIGNAL ITEM SIGNAL PILE CAP FOUNDATION	20	CY	GENERIC STRUCTURE ITEM SAND LIGHTWEIGHT CONCRETE
			1	CF	GENERIC STRUCTURE ITEM CONCRETE REPAIRS TO UNDER DECK

4,500	SF	GENERIC STRUCTURE ITEM OPEN STEEL GRID DECK
1,960	SF	GENERIC STRUCTURE ITEM PARTIALLY-FILLED STL GRID DECK
3,332	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BR DECK
3,184	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
496	EA	GENERIC STRUCTURE ITEM BALANCE BARS
2	EA	GENERIC STRUCTURE ITEM BRIDGE MICROPILE PROOF TESTS
1	EA	GENERIC STRUCTURE ITEM BRIDGE MICROPILE VERIFICATION TESTS
10	EA	GENERIC STRUCTURE ITEM BRIDGE MICROPILES (10-3/4" DIA)
2	EA	GENERIC STRUCTURE ITEM COUNTERWEIGHTS