



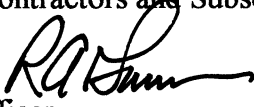
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

March 22, 2011

Notice To: All Prequalified Contractors and Subscribers of the Invitation to Bid

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

Subject: *Invitation to Bid*

In an effort to provide the industry with electronic data in a more efficient and effective manner, beginning with the advertisement for the July 19, 2011 letting the Department will no longer mail a hardcopy "*Invitation to Bid*" to prequalified Contractors or subscribers.

The Invitation to Bid will be posted on the Project Letting webpage on the morning of the advertisement day and can be viewed and printed from the following link.

<http://www.ncdot.gov/doh/preconstruct/ps/contracts/letting.html#0>

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




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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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

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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




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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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  
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1501 MAIL SERVICE CENTER  
RALEIGH NC 27609-1501

TELEPHONE: 919-250-4128  
FAX: 919-250-4119  
WEBSITE: [www.ncdot.org](http://www.ncdot.org)

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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)



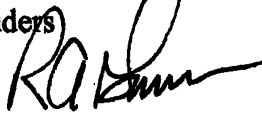
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SECRETARY

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)



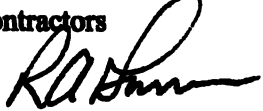
STATE OF NORTH CAROLINA  
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SECRETARY

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:  
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FAX: 919-280-4119

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

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**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  
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 APRIL 19, 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 MARCH 22, 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 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.
002	C202755	1C.021026 ETC.	CHOWAN, TYRRELL, WASHINGTON	15.760 MI	WIDENING & RESURFACING.
003	C202754	1C.058029 ETC.	MARTIN	13.500 MI	RESURFACING.
004	C202758	2CR.10071.2	BEAUFORT	7.900 MI	WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.
005	C202759	2CR.10521.3	JONES	9.000 MI	WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.
006	C202757	2CR.10741.9	PITT	9.800 MI	WIDENING, RESURFACING AND SHOULDER RECONSTRUCTION.
007	C202583	34506.3.GV2	WAKE	5.825 MI	GRADING, DRAINAGE, PAVING, C&G, SIGNALS, AND CULVERTS.
008	C202620	47023.3.1	GRANVILLE, DURHAM	12.600 MI	PAVEMENT REHABILITATION AND BRIDGE REPAIR OVERLAYS.
009	C202763	5CR.10921.31	WAKE	4.710 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
010	C202598	34871.3.3	FORSYTH	0.480 MI	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS & RETAIN WALLS.
011	C202762	10CR.10131.17 ET	CABARRUS	30.260 MI	WIDENING, RESURFACING, SHLDR RECONSTRUCTION/CONSTRUCTION.
012	C202756	10CR.10601.32 ET	MECKLENBURG	14.010 MI	WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
013	C202761	10CR.10601.33 ET	MECKLENBURG	20.220 MI	RESURFACING, MILLING & SHOULDER RECONSTRUCTION.
014	C202344	41880.3.1	MCDOWELL	0.729 MI	PAVEMENT MARKINGS.
015	C202430	33716.3.1	CLAY	0.071 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

**Bid Letting Number L110517**

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C202332	35609.3.1	YANCEY	11.920 KM	GRADING, DRAINAGE, PAVING, SIGNALS, RETAIN WALLS & CULVERTS.

\*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.

## 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	5,940	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
Lump Sum	LS	4,410	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1" TO 3")
187	LF	80	SY	INCIDENTAL MILLING
		170	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
79,922	LB	42	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
		270	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	10	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	EA	17	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
		200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1	ACR	14,200	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (10-1/2")
1,200	CY	4,400	SY	GENERIC PAVING ITEM MILLING CONC PAVEMENT, 1-1/2" DEPTH
Lump Sum	LS	18,520	SY	GENERIC PAVING ITEM NONWOVEN GEOTEXTILE INTERLAYER FOR SEPARATING CEMENTITIOUS PVT LAYERS
22,530	CY	4,100	SY	GENERIC PAVING ITEM VARIABLE DEPTH CONCRETE OVERLAY
500	CY	Lump Sum	LS	SURFACE TESTING CONCRETE PAVE- MENT
1,000	TON	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
5,810	CY	224	CY	SUBDRAIN EXCAVATION
1,000	CY	168	CY	SUBDRAIN FINE AGGREGATE
2,500	SY	1,000	LF	6" PERFORATED SUBDRAIN PIPE
1,100	SY	2	EA	SUBDRAIN PIPE OUTLETS
4,000	CY	12	LF	6" OUTLET PIPE (SUBDRAINS)
20,530	CY	6	CY	ENDWALLS
5,500	CY	1	CY	PIPE PLUGS
		2	CY	FLOWABLE FILL
13,480	SY	101	EA	MASONRY DRAINAGE STRUCTURES
		24	LF	MASONRY DRAINAGE STRUCTURES
30,160	SY	9	EA	FRAME WITH TWO GRATES, STD 840.16
		9	EA	FRAME WITH TWO GRATES, STD 840.29
6,000	TON	14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
18	LF	31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
		31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
15	LF	13	EA	FRAME WITH COVER, STD 840.54
		510	LF	***X*** CONCRETE CURB (8" X 18")
1,140	LF	60	LF	1'-6" CONCRETE CURB & GUTTER
1,261	LF	6,475	LF	2'-6" CONCRETE CURB & GUTTER
15	EA	1	EA	MODIFIED CONCRETE FLUME
3	EA	30	LF	CONCRETE VALLEY GUTTER
		3,890	SY	4" CONCRETE SIDEWALK
277	EA	32	EA	CONCRETE WHEELCHAIR RAMPS
		1,550	SY	6" CONCRETE DRIVEWAY
2	EA	400	SY	4" CONCRETE ISLAND COVERS
		1	EA	CONCRETE BARRIER TRANSITION SECTION
710	TON	140	SY	GENERIC PAVING ITEM POROUS CONCRETE PAVERS
2,210	SY	5	EA	ADJUSTMENT OF DROP INLETS
680	LF	1	EA	CONVERT EXISTING JUNCTION BOX TO CATCH BASIN
808	LF			
492	LF			
812	LF			
680	LF			
3,156	LF			
277	LF			
4,323	LF			
Lump Sum	LS			

			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 ***** (16+31.22-L1-)
1,000	LF	SAFETY FENCE			
110	CY	SILT EXCAVATION			
2,000	SY	MATTING FOR EROSION CONTROL	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (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 ***** (16+31.22-L1-)
3	ACR	SEEDING & MULCHING			
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 ***** (16+31.22-L1-)
50	EA	RESPONSE FOR EROSION CONTROL			
16	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16" WITH COUNTDOWN)	461,021	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
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

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 002

CONTRACT ID : C202755 1C.021026

DIV OFFICE EDENTON

LENGTH = 15.760 MI

COUNTY : CHOWAN, TYRRELL, WASHINGTON

WIDENING & RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 01 2011

7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,863	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
16,044	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,296	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
547,187	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 003

CONTRACT ID : C202754 1C.058029

DIV OFFICE EDENTON

LENGTH = 13.500 MI

COUNTY : MARTIN

RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 01 2011

7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,216	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
14,529	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,169	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
468,720	LF	PAINT PAVEMENT MARKING LINES (4")

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 004

CONTRACT ID : C202758 2CR.10071.2

DIV OFFICE GREENVILLE

LENGTH = 7.900 MI

COUNTY : BEAUFORT

WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : NOV 30 2011

NC-264 FROM SR-1714 TO CEMETERY ROAD.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,188	CY	BORROW EXCAVATION
485	TON	INCIDENTAL STONE BASE
19.8	SMI	SHOULDER RECONSTRUCTION
6,418	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
20,493	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
12,044	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,961	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
85,004	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
52,140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
79,856	LF	PAINT PAVEMENT MARKING LINES (4")
654	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,300	LF	TEMPORARY SILT FENCE
20	TON	SEDIMENT CONTROL STONE
1,000	LF	1/4" HARDWARE CLOTH
200	LF	WATTLE
19	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 005

CONTRACT ID : C202759

2CR.10521.3

DIV OFFICE GREENVILLE

LENGTH = 9.000 MI

COUNTY : JONES

WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : NOV 30 2011

NC-58 FROM 0.9 MI SOUTH OF LENOIR/JONES COUNTY LINE TO NC-41.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,080	CY	BORROW EXCAVATION
10	TON	INCIDENTAL STONE BASE
18	SMI	SHOULDER RECONSTRUCTION
7,311	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
23,346	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
13,721	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,235	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
96,840	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
59,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
66	EA	SNOWPLOWABLE PAVEMENT MARKERS
500	LF	TEMPORARY SILT FENCE
2	TON	SEDIMENT CONTROL STONE
100	LF	WATTLE
3	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 006

CONTRACT ID : C202757 2CR.10741.9

DIV OFFICE GREENVILLE

LENGTH = 9.800 MI

COUNTY : PITT

WIDENING, RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : NOV 30 2011

NC-102 FROM BRIDGE #53 TO THE INTERSECTION WITH NC-43.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
784	CY	BORROW EXCAVATION
980	TON	INCIDENTAL STONE BASE
19.6	SMI	SHOULDER RECONSTRUCTION
14,295	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
23,619	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
13,879	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,558	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
105,448	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
64,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
170,128	LF	PAINT PAVEMENT MARKING LINES (4")
634	EA	SNOWPLOWABLE PAVEMENT MARKERS
2,500	LF	TEMPORARY SILT FENCE
5	TON	SEDIMENT CONTROL STONE
100	LF	WATTLE
24	ACR	SEEDING & MULCHING

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

L110419 007

CONTRACT ID : C202583 34506.3.GV2

DIV OFFICE DURHAM

LENGTH = 5.825 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, C&amp;G, SIGNALS, AND CULVERTS.

DBE GOAL 14.0% COMPLETION DATE : JUL 15 2014

US-401 (ROLESVILLE BYPASS) FROM SR-2225 TO NC-96.

## ROADWAY ITEMS

						2,000	TON	INCIDENTAL STONE BASE
						339	GAL	PRIME COAT
						10	SY	INCIDENTAL MILLING
						2,550	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
						100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
						234	EA	RIGHT OF WAY MARKERS
						1,412	CY	SUBDRAIN EXCAVATION
						706	CY	SUBDRAIN FINE AGGREGATE
						4,200	LF	6" PERFORATED SUBDRAIN PIPE
						54	LF	6" OUTLET PIPE (SUBDRAINS)
						9	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
						20	TON	BLOTTING SAND
						3.87	CY	PIPE COLLARS
						0.62	CY	PIPE PLUGS
						51	CY	FLOWABLE FILL
						224	EA	MASONRY DRAINAGE STRUCTURES
						67	LF	MASONRY DRAINAGE STRUCTURES
						25	EA	FRAME WITH GRATE, STD 840.**** (840.16)
						40	EA	FRAME WITH TWO GRATES, STD 840.20
						133	EA	FRAME WITH TWO GRATES, STD 840.22
						11	EA	FRAME WITH TWO GRATES, STD 840.24
						2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
						5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
						1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
						5	EA	FRAME WITH COVER, STD 840.54
						23	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
						30	LF	***X*** CONCRETE CURB (8" X 12")
						260	LF	***X*** CONCRETE CURB (9" X 12")
						830	LF	2'-6" CONCRETE CURB & GUTTER
						7,319	LF	SHOULDER BERM GUTTER
						105	SY	6" CONCRETE DRIVEWAY
						4,710	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
						1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
						9,850	LF	STEEL BM GUARDRAIL
						125	LF	STEEL BM GUARDRAIL, SHOP CURVED
						25	EA	ADDITIONAL GUARDRAIL POSTS
						4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
						17	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
						17	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
						55,130	LF	WOVEN WIRE FENCE, 47" FABRIC
						3,400	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
						1,010	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
						1,035	TON	RIP RAP, CLASS I
						10	TON	RIP RAP, CLASS A
						2,210	TON	RIP RAP, CLASS B
						40	TON	BOULDERS
						20,585	SY	FILTER FABRIC FOR DRAINAGE
						5	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
						3,714	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
						8	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
						13	EA	SIGN ERECTION, TYPE D
						100	EA	SIGN ERECTION, TYPE E
						48	EA	SIGN ERECTION, TYPE F
Lump Sum	LS	MOBILIZATION						
Lump Sum	LS	CONSTRUCTION SURVEYING						
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)						
5	ACR	SUPPLEMENTARY CLEARING & GRUB- BING						
17,700	CY	UNDERCUT EXCAVATION						
29,090	CY	DRAINAGE DITCH EXCAVATION						
6,530	LF	BERM DITCH CONSTRUCTION						
6,730	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT						
200	SY	BREAKING OF EXISTING ASPHALT PAVEMENT						
60	HR	PROOF ROLLING						
11,000	CY	SELECT GRANULAR MATERIAL						
16,900	SY	FABRIC FOR SOIL STABILIZATION						
2,925	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS						
9,355	SY	FOUNDATION CONDITIONING FABRIC						
264	LF	*** SIDE DRAIN PIPE (30")						
6,432	LF	15" SIDE DRAIN PIPE						
2,208	LF	18" SIDE DRAIN PIPE						
2,760	LF	24" SIDE DRAIN PIPE						
7,832	LF	15" RC PIPE CULVERTS, CLASS III						
1,328	LF	18" RC PIPE CULVERTS, CLASS III						
1,988	LF	24" RC PIPE CULVERTS, CLASS III						
1,348	LF	30" RC PIPE CULVERTS, CLASS III						
1,296	LF	36" RC PIPE CULVERTS, CLASS III						
224	LF	42" RC PIPE CULVERTS, CLASS III						
176	LF	48" RC PIPE CULVERTS, CLASS III						
200	LF	60" RC PIPE CULVERTS, CLASS III						
380	LF	72" RC PIPE CULVERTS, CLASS III						
204	LF	78" RC PIPE CULVERTS, CLASS III						
64	LF	24" RC PIPE CULVERTS, CLASS IV						
108	LF	42" RC PIPE CULVERTS, CLASS IV						
80	LF	*** CS PIPE CULVERTS, ***** THICK (8", 0.064")						
436	LF	15" CS PIPE CULVERTS, 0.064" THICK						
100	LF	18" CS PIPE CULVERTS, 0.064" THICK						
24	LF	24" CS PIPE CULVERTS, 0.064" THICK						
16	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")						
1	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")						
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")						
160	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (36", 0.625", B)						
1,432	LF	PIPE REMOVAL						
Lump Sum	LS	FINE GRADING						
102,680	SY	LIME TREATED SOIL (SLURRY METHOD)						
1,030	TON	LIME FOR LIME TREATED SOIL						
75	TON	#57 STONE						
500	TON	STABILIZER AGGREGATE						
154,020	SY	SOIL CEMENT BASE						
4,236	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE						
38,510	GAL	ASPHALT CURING SEAL						

			200	ACR	SEEDING & MULCHING	
			150	ACR	MOWING	
			3,100	LB	SEED FOR REPAIR SEEDING	
			10.5	TON	FERTILIZER FOR REPAIR SEEDING	
			5,225	LB	SEED FOR SUPPLEMENTAL SEEDING	
			156.75	TON	FERTILIZER TOPDRESSING	
			450	LF	IMPERVIOUS DIKE	
			300	MHR	SPECIALIZED HAND MOWING	
			100	EA	RESPONSE FOR EROSION CONTROL	
			1,800	CY	CULVERT DIVERSION CHANNEL	
			9	ACR	REFORESTATION	
			0.84	ACR	STREAMBANK REFORESTATION	
			6,425	LF	SIGNAL CABLE	
			45	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
			5	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	
			1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
			1,650	LF	MESSENGER CABLE (3/8")	
			210	LF	PAVED TRENCHING (***** (1, 2"))	
			5,850	LF	UNPAVED TRENCHING (***** (1, 2"))	
			875	LF	DIRECTIONAL DRILL (***** (2, 2"))	
			47	EA	JUNCTION BOX (STANDARD SIZE)	
			6	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	
			4	EA	WOOD POLE	
			8	EA	GUY ASSEMBLY	
			1	EA	1" RISER WITH WEATHERHEAD	
			4	EA	2" RISER WITH WEATHERHEAD	
			2	EA	2" RISER WITH HEAT SHRINK TUBING	
			6,525	LF	INDUCTIVE LOOP SAWCUT	
			17,175	LF	LEAD-IN CABLE (***** (14-2))	
			2	EA	900MHZ WIRELESS RADIO SYSTEM	
			4	EA	METAL STRAIN SIGNAL POLE	
			3	EA	METAL POLE WITH SINGLE MAST ARM	
			3	EA	METAL POLE WITH DUAL MAST ARM	
			10	EA	SOIL TEST	
			81	CY	DRILLED PIER FOUNDATION	
			10	EA	SIGNAL PEDESTAL WITH FOUNDATION	
			6	EA	MAST ARM WITH METAL POLE DESIGN	
			14	EA	SIGN FOR SIGNALS	
			7	EA	SIGNAL CABINET FOUNDATION	
			7	EA	CABINET BASE ADAPTER	
			7	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			27	EA	DETECTOR CARD (TYPE 2070L)	
			1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS LIGHTNING ARRESTORS	
			1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM	
					***** BEGIN SCHEDULE AA *****	
					***** ( 2 ALTERNATES ) *****	
			931,600	CY	UNCLASSIFIED EXCAVATION	
			1,034	TON	AGGREGATE BASE COURSE	
			36,700	CY	SHOULDER BORROW	
			3,010	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
			56,670	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	
			1,330	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
			42,730	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
			40,090	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
			4,795	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
			2,410	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	
					*** OR ***	
			942,500	CY	UNCLASSIFIED EXCAVATION	
			118,200	TON	AGGREGATE BASE COURSE	
			64,500	CY	SHOULDER BORROW	
			2,190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
			960	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	
			1,600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
			49,530	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)				
30	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL				
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL				
2,668	SF	WORK ZONE SIGNS (STATIONARY)				
976	SF	WORK ZONE SIGNS (PORTABLE)				
512	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)				
2	EA	FLASHING ARROW PANELS, TYPE C				
2	EA	CHANGEABLE MESSAGE SIGN				
146	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)				
450	EA	DRUMS				
200	EA	CONES				
2,560	LF	BARRICADES (TYPE III)				
2,400	HR	FLAGGER				
4	EA	TMIA				
120	HR	LAW ENFORCEMENT				
26	EA	TUBULAR MARKERS (FIXED)				
250	EA	TEMPORARY RAISED PAVEMENT MARKERS				
151,162	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
39,005	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
16,719	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
713	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
68	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)				
153	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
281,187	LF	PAINT PAVEMENT MARKING LINES (4")				
800	LF	PAINT PAVEMENT MARKING LINES (6")				
700	LF	PAINT PAVEMENT MARKING LINES (8")				
430	LF	PAINT PAVEMENT MARKING LINES (24")				
24	EA	PAINT PAVEMENT MARKING CHARACTER				
52	EA	PAINT PAVEMENT MARKING SYMBOL				
1,450	LF	REMOVAL OF PAVEMENT MARKING LINES (4")				
1,757	EA	PERMANENT RAISED PAVEMENT MARKERS				
Lump Sum	LS	PORTABLE LIGHTING				
405	LF	12" SANITARY GRAVITY SEWER				
625	LF	16" SANITARY GRAVITY SEWER				
2	EA	4' DIA UTILITY MANHOLE				
3	EA	5' DIA UTILITY MANHOLE				
2.6	LF	UTILITY MANHOLE WALL, 4' DIA				
10	LF	UTILITY MANHOLE WALL, 5' DIA				
725	LF	ABANDON *** UTILITY PIPE (15")				
407	LF	ABANDON 12" UTILITY PIPE				
52,000	LF	TEMPORARY SILT FENCE				
9,800	TON	STONE FOR EROSION CONTROL, CLASS A				
32,750	TON	STONE FOR EROSION CONTROL, CLASS B				
17,915	TON	SEDIMENT CONTROL STONE				
200	ACR	TEMPORARY MULCHING				
7,700	LB	SEED FOR TEMPORARY SEEDING				
32	TON	FERTILIZER FOR TEMPORARY SEEDING				
12,000	LF	TEMPORARY SLOPE DRAINS				
150	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
10,000	LF	SAFETY FENCE				
60,580	CY	SILT EXCAVATION				
200,000	SY	MATting FOR EROSION CONTROL				
4,900	SY	COIR FIBER MAT				
17,850	SY	PERMANENT SOIL REINFORCEMENT MAT				
12,500	LF	1/4" HARDWARE CLOTH				
200	LF	TEMPORARY PIPE FOR STREAM CROSSING				
350	SY	FLOATING TURBIDITY CURTAIN				
1,325	CY	STILLING BASINS				
16	EA	SPECIAL STILLING BASINS				
750	LF	COIR FIBER WATTLE				
4,405	LB	POLYACRYLAMIDE (PAM)				
10,000	LF	COIR FIBER BAFFLES				
83	EA	*** SKIMMER (1-1/2")				



40,350	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,695	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,425	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22

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

### CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (114+70.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (115+74.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (199+15.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (200+04.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (274+65.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (275+39.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (76+96.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (77+89.00-L-)
1,748	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
3,324	CY	CLASS A CONCRETE (CULVERT)
544,524	LB	REINFORCING STEEL (CULVERT)
313	TON	RIP RAP, CLASS B

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

L110419 008

CONTRACT ID : C202620 47023.3.1

DIV OFFICE DURHAM

LENGTH = 12.600 MI

COUNTY : GRANVILLE, DURHAM

PAVEMENT REHABILITATION AND BRIDGE REPAIR OVERLAYS.

DBE GOAL 6.0% COMPLETION DATE : JUL 15 2012

I-85 FROM NORTH OF US-70 IN DURHAM COUNTY TO NORTH OF NC-56 IN GRANVILLE COUNTY.

ROADWAY ITEMS					
			212	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			55	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			60	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)
			11	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
			115,752	LF	PAINT PAVEMENT MARKING LINES (4")
			1,125	LF	PAINT PAVEMENT MARKING LINES (6")
			14,880	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
			4,778	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
			17,250	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			4,778	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
			60	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			11	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			38	EA	PERMANENT RAISED PAVEMENT MARKERS
			2,881	EA	SNOWPLOWABLE PAVEMENT MARKERS
			292	LF	TEMPORARY SILT FENCE
			750	LF	WATTLE
			4.65	ACR	SEEDING & MULCHING
			1,168	LF	INDUCTIVE LOOP SAWCUT
			46,514	SF	GROOVING BRIDGE FLOORS
			Lump Sum	LS	EVAZOTE JOINT SEALS
			369	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
			355	SF	GENERIC STRUCTURE ITEM CLASS II CONC DECK REPAIR FOR EPOXY/ASPHALT OVERLAY
			34,960	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
			5,169	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
			5,114	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
			5,169	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
Lump Sum	LS	MOBILIZATION			
1,964	CY	BORROW EXCAVATION			
6,711	TON	AGGREGATE BASE COURSE			
11.17	SMI	SHOULDER RECONSTRUCTION			
58,130	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
227,216	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
111,334	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")			
1,440	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (6")			
2,872	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
16,475	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
44,745	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
895	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
2,682	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
111	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28			
40	TON	PATCHING EXISTING PAVEMENT			
132	SF	PATCHING CONCRETE PAVEMENT SPALLS			
2,151	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B			
61,452	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT			
111,936	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)			
12,334	LF	GENERIC PAVING ITEM JOINT CONSTRUCTION REPAIR & SEALING			
31,944	LF	GENERIC PAVING ITEM SEALING EXISTING PAVEMENT CRACKS			
615	LF	***X *** CONCRETE CURB (9" X 12")			
992	SY	GENERIC PAVING ITEM REMOVE & REPLACE 5" MONOLITHIC CONCRETE ISLAND			
30	LF	GENERIC PAVING ITEM REMOVE & REPLACE 9" X 12" CONC CURB			
1,880	LB	GENERIC PAVING ITEM SEALING EXISTING PAVEMENT CRACKS POLYMER PATCH			
500	LF	STEEL BM GUARDRAIL			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
545	LF	REMOVE EXISTING GUARDRAIL			
7	EA	GENERIC SIGNING ITEM REMOVE & RESET EXISTING SIGN			
1,000	HR	LAW ENFORCEMENT			
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL			
31,445	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
414	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
271,152	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
35,962	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
13,930	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 009

CONTRACT ID : C202763 5CR.10921.31

DIV OFFICE DURHAM

LENGTH = 4.710 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : NOV 18 2011

US-1 (CAPITAL BLVD) FROM HODGES ST TO NORTH OF SUMNER BLVD IN RALEIGH.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
492	CY	BORROW EXCAVATION
30	SY	GENERIC GRADING ITEM REMOVAL OF CONCRETE ISLAND
221	TON	INCIDENTAL STONE BASE
5.04	SMI	SHOULDER RECONSTRUCTION
313,572	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
35,226	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,114	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,824	TON	PATCHING EXISTING PAVEMENT
135	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
184	SY	GENERIC PAVING ITEM 4" CONCRETE SIDEWALK
1,238	LF	GENERIC PAVING ITEM REMOVE & REPLACE 2'-6" CURB & GUTTER
37	EA	GENERIC PAVING ITEM CONCRETE WHEELCHAIR RAMP
3	EA	GENERIC SIGNING ITEM REMOVE AND RESET EXISTING SIGN
100	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
61,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
44,697	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
10,058	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
2,882	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
460	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
538	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
538	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
10	EA	PERMANENT RAISED PAVEMENT MARKERS
2,732	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
363	LF	TEMPORARY SILT FENCE
910	LF	WATTLE
3.63	ACR	SEEDING & MULCHING
27,174	LF	INDUCTIVE LOOP SAWCUT
5,000	LF	LEAD-IN CABLE (***** (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110419 010

CONTRACT ID : C202598 34871.3.3

DIV OFFICE WINSTON-SALEM

LENGTH = 0.480 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS & RETAIN WALLS.

DBE GOAL 10.0% COMPLETION DATE : NOV 01 2012

US-52 FROM GREYHOUND CT TO SR-2264 (AKRON DR) INCLUDING MARTIN LUTHER KING JR DRIVE IN WINSTON-SALEM.

		ROADWAY ITEMS				
				14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
				20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
Lump Sum	LS	MOBILIZATION		26	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	CONSTRUCTION SURVEYING		3	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
3,000	CY	SHALLOW UNDERCUT		10,750	LF	2'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	GRADING		480	LF	SHOULDER BERM GUTTER
2	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		6,120	LF	CONCRETE EXPRESSWAY GUTTER
500	CY	UNDERCUT EXCAVATION		2,460	SY	4" CONCRETE SIDEWALK
7,800	TON	CLASS IV SUBGRADE STABILIZATION		42	EA	CONCRETE WHEELCHAIR RAMPS
500	CY	SELECT GRANULAR MATERIAL		90	SY	6" CONCRETE DRIVEWAY
13,300	SY	FABRIC FOR SOIL STABILIZATION		200	SY	4" CONCRETE ISLAND COVERS
700	TON	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL		90	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
290	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		1,120	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
890	SY	FOUNDATION CONDITIONING FABRIC		860	LF	CONCRETE BARRIER, TYPE ***** (III)
1,366	LF	15" RC PIPE CULVERTS, CLASS III		85	LF	CONCRETE BARRIER, TYPE ***** (SINGLE FACED)
356	LF	18" RC PIPE CULVERTS, CLASS III		70	LF	CONCRETE BARRIER, TYPE ***** (T-2)
188	LF	24" RC PIPE CULVERTS, CLASS III		11	EA	CONCRETE BARRIER TRANSITION SECTION
732	LF	36" RC PIPE CULVERTS, CLASS III		700	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
1,276	LF	PIPE REMOVAL		580	LF	GENERIC PAVING ITEM CONCRETE BARRIER, TYPE II WITH 18" GLARE SCREEN
2	EA	PIPE CLEAN-OUT		1	EA	GENERIC PAVING ITEM EMERGENCY VEHICLE ACCESS
500	TON	STABILIZER AGGREGATE		2	EA	GENERIC PAVING ITEM TRANS SECTION FROM CONC BARRIER TO MONO CONC ISLAND
500	TON	INCIDENTAL STONE BASE		12	EA	ADJUSTMENT OF CATCH BASINS
12,880	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")		2	EA	ADJUSTMENT OF DROP INLETS
8,680	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		30	EA	ADJUSTMENT OF MANHOLES
7,370	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		71	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,010	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		11	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
2,730	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		7	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CATCH BASIN TO TRAFF BEARING JTN BOX W/ MH COVER
4,560	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		3	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO TRAFF BEARING JTN BOX W/ MH COVER
9,930	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		3	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO TRAFF BEARING DROP INLET
1,190	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING JUNCTION BOX TO CATCH BASIN
600	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22		1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING JUNCTION BOX TO TRAFF BEARING JTN BOX W/ MH COVER
180	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		1	EA	GENERIC DRAINAGE ITEM CONVERT EXT OPEN THROAT CATCH BASIN TO TRAFFIC BEARING DROP INLET
230	CY	SUBDRAIN EXCAVATION		5,750	LF	STEEL BM GUARDRAIL
170	CY	SUBDRAIN FINE AGGREGATE		150	LF	STEEL BM GUARDRAIL, SHOP CURVED
1,000	LF	6" PERFORATED SUBDRAIN PIPE		8	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
2	EA	SUBDRAIN PIPE OUTLETS		10	EA	ADDITIONAL GUARDRAIL POSTS
12	LF	6" OUTLET PIPE (SUBDRAINS)		2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
10	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE		21	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
4	CY	PIPE COLLARS		24	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	CY	PIPE PLUGS		13	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
62	CY	FLOWABLE FILL				
71	EA	MASONRY DRAINAGE STRUCTURES				
59.3	LF	MASONRY DRAINAGE STRUCTURES				
6	EA	FRAME WITH TWO GRATES, STD 840.16				
23	EA	FRAME WITH TWO GRATES, STD 840.20				
2	EA	FRAME WITH TWO GRATES, STD 840.22				
1	EA	FRAME WITH TWO GRATES, STD 840.24				
1	EA	FRAME WITH TWO GRATES, STD 840.29				
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)				

			357	HR	LAW ENFORCEMENT
			180	EA	SKINNY DRUM
			1,160	LF	GENERIC TRAFFIC CONTROL ITEM SAFETY FENCE
1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83	317	EA	TEMPORARY RAISED PAVEMENT MARKERS
2,720	LF	REMOVE EXISTING GUARDRAIL	295	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
605	LF	CHAIN LINK FENCE, *** FABRIC (60")	4,964	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2,170	LF	CHAIN LINK FENCE, *** FABRIC (72")	140	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
210	LF	CHAIN LINK FENCE, 48" FABRIC	59,614	LF	PAINT PAVEMENT MARKING LINES (4")
55	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (60")	1,095	LF	PAINT PAVEMENT MARKING LINES (8")
190	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")	390	LF	PAINT PAVEMENT MARKING LINES (24")
20	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	38	EA	PAINT PAVEMENT MARKING SYMBOL
20	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60")	24,318	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
25	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")	8,355	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
5	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	1,265	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
2,000	SY	FILTER FABRIC FOR DRAINAGE	19,506	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
10	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	150	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
120	CY	OVERHEAD FOOTING	34	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
4,771	LB	SUPPORTS, BREAKAWAY STEEL BEAM	119	EA	SNOWPLOWABLE PAVEMENT MARKERS
2,652	LB	SUPPORTS, SIMPLE STEEL BEAM	5	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
2,942	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	1	EA	PORTABLE DRIVE UNIT
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (123+00 SBL)	51	CY	HIGH MOUNT FOUNDATIONS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (132+00 SBL)	60	EA	HIGH MOUNT LUMINAIRES ***** (400W HPS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (68+41NBL)	18	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (82+00 NBL)	4	EA	LIGHT STANDARD, TYPE MLT ***** (45' HIEGHT, "SA" 15' ARM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (86+00 SBL)	4	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (250W HPS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (94+00 NBL)	2	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)
7	EA	SIGN ERECTION, TYPE D	200	LF	ELECTRIC SERVICE LATERAL ***** (3,31/0 USE)
98	EA	SIGN ERECTION, TYPE E	340	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
26	EA	SIGN ERECTION, TYPE F	80	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
4	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	640	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	265	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)	35	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	430	LF	** #6 W/G FEEDER CIRCUIT (2)
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	870	LF	** #4 W/G FEEDER CIRCUIT (2)
18	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1,600	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (CONDUIT 2, 1 1/2)
139	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3,900	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (CONDUIT 2, 1 1/2)
5	EA	DISPOSAL OF SUPPORT, U-CHANNEL	3,000	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (CONDUIT 2, 1 1/2)
6	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	150	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (CONDUIT 2, 1 1/2)
2,040	SF	WORK ZONE SIGNS (STATIONARY)	34	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
1,528	SF	WORK ZONE SIGNS (PORTABLE)	3	EA	ELECTRICAL JUNCTION BOXES ***** (PC36)
420	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	Lump Sum	LS	PORTABLE LIGHTING
11	EA	FLASHING ARROW PANELS, TYPE C	3	EA	GENERIC LIGHTING ITEM 100' HIGH MOUNT STANDARD
19	EA	CHANGEABLE MESSAGE SIGN	1	EA	GENERIC LIGHTING ITEM 60' HIGH MOUNT STANDARD
611	EA	DRUMS			
392	LF	BARRICADES (TYPE III)			
1,290	HR	FLAGGER			
4	EA	TEMPORARY CRASH CUSHIONS			
3	EA	RESET TEMPORARY CRASH CUSHIONS			
2	EA	TMIA			
5,230	LF	PORTABLE CONCRETE BARRIER			
1,033	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			
5,600	LF	RESET PORTABLE CONCRETE BARRIER			
200	LF	WATER FILLED BARRIER			
180	LF	RESET WATER FILLED BARRIER			

			9	EA	SIGNAL PEDESTAL WITH FOUNDATION
			14	EA	SIGN FOR SIGNALS
			12	EA	RELOCATE EXISTING SIGN
			3	EA	SIGNAL CABINET FOUNDATION
			5	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)
			1	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, POLE MOUNTED)
			25	EA	DETECTOR CARD (NEMA TS-2)
			7	EA	TRAFFIC SIGNAL REMOVAL
			2	EA	GENERIC SIGNAL ITEM 2.4/5.8 GHZ WIRELESS RADIO SYSTEM
			3	EA	GENERIC SIGNAL ITEM 2.4/5.8 GHZ WIRELESS REPEATER STANDALONE RADIO SYSTEM
			18	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
			4	EA	GENERIC SIGNAL ITEM CONDUIT ENTRANCE INTO EXISTING FOUNDATION
			4	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER
			1	EA	GENERIC SIGNAL ITEM ELECTRICAL SERVICE DIS- CONNECT
			1	EA	GENERIC SIGNAL ITEM ETHERNET CORE SWITCH
			1	EA	GENERIC SIGNAL ITEM ETHERNET ROUTING SWITCH
			71	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
			58	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH
			20	EA	GENERIC SIGNAL ITEM FIELD VIDEO CODEC UNIT
			6	EA	GENERIC SIGNAL ITEM FRONT ACCESS ENCLOSURE DMS
			2	EA	GENERIC SIGNAL ITEM FULL SPAN OVERHEAD STRUCTURE FOR WALK-IN DMS
			5	EA	GENERIC SIGNAL ITEM MODIFY EXISTING SPLICE ENCLOSURE
			6	EA	GENERIC SIGNAL ITEM PEDESTAL TYPE STRUCTURE FOR FRONT ACCESS DMS
			2	EA	GENERIC SIGNAL ITEM PEDESTAL TYPE STRUCTURE FOR WALK-IN DMS
			5	EA	GENERIC SIGNAL ITEM WALK-IN ENCLOSURE DMS
			16	EA	GENERIC SIGNAL ITEM WOOD POLE (CCTV)
			58	EA	GENERIC SIGNAL ITEM WOOD POLE (MVD)
			Lump Sum	LS	GENERIC SIGNAL ITEM DIVISION 9 HARDWARE & SOFTWARE CONFIGURATION
			Lump Sum	LS	GENERIC SIGNAL ITEM LAN INTEGRATION
			Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
			Lump Sum	LS	GENERIC SIGNAL ITEM TRTMC HARDWARE & SOFTWARE CONFIGURATION
			Lump Sum	LS	GENERIC SIGNAL ITEM TRUCK ROLLOVER SYSTEM
			1,100	LF	GENERIC SIGNAL ITEM ETHERNET CABLE (OUTDOOR RATED)
			80	CY	GENERIC SIGNAL ITEM FOOTINGS FOR DMS STRUCTURE
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (69+00.00-L-)
			216	LF	THREE BAR METAL RAIL
			242	LF	GENERIC RETAINING WALL ITEM CONCRETE BARRIER RAIL WITH MOMENT SLAB
			1,779	SF	GENERIC RETAINING WALL ITEM CIP GRAVITY RETAINING WALLS
7	EA	GENERIC LIGHTING ITEM 80' HIGH MOUNT STANDARD			
2	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, RW, 240/480V			
26	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD			
9,000	LF	TEMPORARY SILT FENCE			
1,765	TON	STONE FOR EROSION CONTROL, CLASS A			
575	TON	STONE FOR EROSION CONTROL, CLASS B			
2,500	TON	SEDIMENT CONTROL STONE			
20	ACR	TEMPORARY MULCHING			
600	LB	SEED FOR TEMPORARY SEEDING			
2.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
500	LF	TEMPORARY SLOPE DRAINS			
10	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
1,080	CY	SILT EXCAVATION			
15,000	SY	MATTING FOR EROSION CONTROL			
9,225	LF	1/4" HARDWARE CLOTH			
450	LF	WATTLE			
160	LB	POLYACRYLAMIDE (PAM)			
100	LF	COIR FIBER BAFFLES			
31	ACR	SEEDING & MULCHING			
15	ACR	MOWING			
250	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			
475	LB	SEED FOR SUPPLEMENTAL SEEDING			
13.75	TON	FERTILIZER TOPDRESSING			
20	MHR	SPECIALIZED HAND MOWING			
25	EA	RESPONSE FOR EROSION CONTROL			
62	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16', 1 SECTION WITH COUNTDOWN )			
15,275	LF	SIGNAL CABLE			
51	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
10	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
7	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD			
18,805	LF	MESSENGER CABLE (1/4")			
1,900	LF	MESSENGER CABLE (3/8")			
47,700	LF	TRACER WIRE			
80	LF	PAVED TRENCHING (***** (1, 2")			
1,700	LF	UNPAVED TRENCHING (***** (1, 2")			
36,300	LF	UNPAVED TRENCHING (***** (2, 2")			
17,195	LF	DIRECTIONAL DRILL (***** (2, 2")			
40	EA	JUNCTION BOX (STANDARD SIZE)			
157	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)			
23	EA	WOOD POLE			
98	EA	GUY ASSEMBLY			
30	EA	1/2" RISER WITH WEATHERHEAD			
8	EA	1" RISER WITH WEATHERHEAD			
36	EA	2" RISER WITH WEATHERHEAD			
47	EA	2" RISER WITH HEAT SHRINK TUBING			
11,900	LF	INDUCTIVE LOOP SAWCUT			
26,000	LF	LEAD-IN CABLE (***** (14-2)			
77	EA	MICROWAVE VEHICLE DETECTOR			
2,680	LF	COMMUNICATIONS CABLE (** TWISTED-PAIR) (25)			
100	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
28,900	LF	COMMUNICATIONS CABLE (**FIBER) (144)			
60,400	LF	COMMUNICATIONS CABLE (**FIBER) (72)			
12,900	LF	DROP CABLE			
56	EA	SPLICE ENCLOSURE			
55	EA	INTERCONNECT CENTER			
50	EA	DELINEATOR MARKER			
16	EA	900MHZ WIRELESS RADIO SYSTEM			
2	EA	900MHZ WIRELESS REPEATER STANDALONE RADIO SYSTEM			
71	EA	NEW ELECTRICAL SERVICE			
1,380	LF	REMOVE EXISTING COMMUNICATIONS CABLE			
10	EA	CABLE TRANSFER			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 011

CONTRACT ID : C202762 10CR.10131.17

DIV OFFICE ALBEMARLE

LENGTH = 30.260 MI

COUNTY : CABARRUS

WIDENING, RESURFACING, SHLDR RECONSTRUCTION/CONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 21 2011

3 SECTIONS OF NC-3, 1 SECTION OF US-601, AND NC-24/27, AND 15 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,108	CY	BORROW EXCAVATION
1,268	TON	INCIDENTAL STONE BASE
9.74	SMI	SHOULDER CONSTRUCTION
35.09	SMI	SHOULDER RECONSTRUCTION
348	LF	DITCHING
146,422	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
2,555	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
3,171	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
2,410	SY	INCIDENTAL MILLING
5,303	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
5,863	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
6,896	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
27,639	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,008	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
16,851	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
290	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
2,795	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,029	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
9,571	TON	PATCHING EXISTING PAVEMENT
27	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
5	EA	CONCRETE WHEELCHAIR RAMPS
395	SY	6" CONCRETE DRIVEWAY
45	EA	ADJUSTMENT OF MANHOLES
24	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3	EA	CHANGEABLE MESSAGE SIGN
300,110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
256,890	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
4,440	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,552	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,494	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
65	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
136	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
116,484	LF	PAINT PAVEMENT MARKING LINES (4")
3,465	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
4,900	LF	TEMPORARY SILT FENCE
7,414	SY	MATTING FOR EROSION CONTROL
4,640	LF	WATTLE
11.6	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 012

CONTRACT ID : C202756 10CR.10601.32

DIV OFFICE ALBEMARLE

LENGTH = 14.010 MI

COUNTY : MECKLENBURG

WIDENING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : SEP 30 2011

NC-160 FROM SR-1255 TO SR-5469 &amp; 14 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
530	CY	BORROW EXCAVATION
105	TON	INCIDENTAL STONE BASE
17.99	SMI	SHOULDER RECONSTRUCTION
183,839	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
15,798	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
8,600	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (8")
16,465	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
5,590	SY	INCIDENTAL MILLING
2,150	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
3,841	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
34,034	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,910	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
285	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,156	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
7,475	TON	PATCHING EXISTING PAVEMENT
16	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
29	EA	ADJUSTMENT OF MANHOLES
32	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
32	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
46,081	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
60,281	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,857	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,852	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
43	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
135	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
45,054	LF	PAINT PAVEMENT MARKING LINES (4")
30	LF	PAINT PAVEMENT MARKING LINES (8")
464	LF	PAINT PAVEMENT MARKING LINES (24")
27	EA	PAINT PAVEMENT MARKING SYMBOL
96,100	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
2,405	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
2,100	LF	TEMPORARY SILT FENCE
1,050	SY	MATTING FOR EROSION CONTROL
1,300	LF	WATTLE



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110419 013

CONTRACT ID : C202761 10CR.10601.33

DIV OFFICE ALBEMARLE

LENGTH = 20.220 MI

COUNTY : MECKLENBURG

RESURFACING, MILLING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 31 2011

VARIOUS SECTIONS OF US-21, US-29, US-74, NC-24, NC-27, NC-24/27, NC-49 AND NC-115.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,675	CY	BORROW EXCAVATION
500	TON	INCIDENTAL STONE BASE
45.3	SMI	SHOULDER RECONSTRUCTION
71,999	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
13,750	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
13,203	SY	INCIDENTAL MILLING
8,743	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
54,911	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,165	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
411	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3,501	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
7,060	TON	PATCHING EXISTING PAVEMENT
22	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
5	EA	CONCRETE WHEELCHAIR RAMPS
15	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,837	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
84	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
416	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
355,246	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,197	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
4,400	LF	TEMPORARY SILT FENCE
4,390	SY	MATTING FOR EROSION CONTROL
10,170	LF	WATTLE

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

L110419 014

CONTRACT ID : C202344 41880.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.729 MI

COUNTY : MCDOWELL

## PAVEMENT MARKINGS.

DBE GOAL 5.0% COMPLETION DATE : JUN 30 2012

## I-40 FROM THE BUNCOMBE COUNTY LINE TO US-70.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
320	CY	UNCLASSIFIED EXCAVATION
220	CY	SHALLOW UNDERCUT
420	TON	CLASS IV SUBGRADE STABILIZATION
653	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
330	SY	FABRIC FOR SOIL STABILIZATION
Lump Sum	LS	FINE GRADING
323	TON	AGGREGATE BASE COURSE
3,080	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
140	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
120	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
15	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
35	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
7,750	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
140	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (9-1/2")
240	LF	CONCRETE BARRIER, TYPE ***** (IV)
3,500	LF	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE)
4	EA	CONCRETE BARRIER TRANSITION SECTION
2,902	LF	GENERIC PAVING ITEM REMOVAL OF EXISTING CONCRETE MEDIAN BARRIER
1,188	LF	GENERIC PAVING ITEM REMOVAL OF EXISTING CONCRETE MEDIAN BARRIER (W/ H-PILES)
3	EA	GENERIC GUARDRAIL ITEM MEDIAN BARRIER MOVABLE GATE
1,385	SF	WORK ZONE SIGNS (STATIONARY)
643	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
206	EA	DRUMS
2	EA	TEMPORARY CRASH CUSHIONS
4	EA	RESET TEMPORARY CRASH CUSHIONS
4	EA	TMIA
8,940	LF	PORTABLE CONCRETE BARRIER
5,260	LF	RESET PORTABLE CONCRETE BARRIER
300	HR	LAW ENFORCEMENT
13,820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
27,020	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)
27,640	LF	PAINT PAVEMENT MARKING LINES (6")
13,820	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
5	TON	SEDIMENT CONTROL STONE
7	CY	SILT EXCAVATION
116	LF	1/4" HARDWARE CLOTH

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110419 015

CONTRACT ID : C202430 33716.3.1

DIV OFFICE SYLVA

LENGTH = 0.071 MI

COUNTY : CLAY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2011

BRIDGE OVER BRASSTOWN CREEK AND APPROACHES ON SR-1111.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (19+09.50 -L-)
35	CY	SHALLOW UNDERCUT
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
100	CY	UNDERCUT EXCAVATION
65	TON	CLASS IV SUBGRADE STABILIZATION
100	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
7.5	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
35	SY	FOUNDATION CONDITIONING FABRIC
24	LF	15" DRAINAGE PIPE
32	LF	18" DRAINAGE PIPE
12	LF	15" RC PIPE CULVERTS, CLASS IV
14	LF	PIPE REMOVAL
60	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
192	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
22	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.20
162	LF	SHOULDER BERM GUTTER
150	LF	STEEL BM GUARDRAIL
12.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
90	LF	** STRAND BARBED WIRE FENCE WITH POSTS (1)
90	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
2	EA	SINGLE GATES, ** HIGH, ** WIDE, ** OPENING (48", 10', 10')
640	LF	BARBED WIRE FENCE RESET
206	LF	GENERIC FENCING ITEM TEMPORARY 1 STRAND BARDED WIRE FENCE
210	LF	GENERIC FENCING ITEM TEMPORARY 3 STRAND BARDED WIRE FENCE
140	LF	GENERIC FENCING ITEM TEMPORARY 4 STRAND BARDED WIRE FENCE
475	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
448	SF	WORK ZONE SIGNS (STATIONARY)
116	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	DRUMS
128	LF	BARRICADES (TYPE III)
3,012	LF	PAINT PAVEMENT MARKING LINES (4")

435	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
65	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
240	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
2,500	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
27	SY	PERMANENT SOIL REINFORCEMENT MAT
175	LF	1/4" HARDWARE CLOTH
25	LF	WATTLE
25	LB	POLYACRYLAMIDE (PAM)
55	LF	COIR FIBER BAFFLES
1	EA	** SKIMMER (1-1/2")
0.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (19+09.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+09.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19+09.50-L-)
50.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+09.50-L-)
7,494	LB	REINFORCING STEEL (BRIDGE)
500	LF	HP12X53 STEEL PILES
765	LF	HP14X73 GALVANIZED STEEL PILES
265.5	LF	VERTICAL CONCRETE BARRIER RAIL
161	TON	RIP RAP CLASS II (2'-0" THICK)
179	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,457.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110517 001

CONTRACT ID : C202332 35609.3.1

DIV OFFICE ASHEVILLE

LENGTH = 11.920 KM

COUNTY : YANCEY

GRADING, DRAINAGE, PAVING, SIGNALS, RETAIN WALLS &amp; CULVERTS.

MBE GOAL 4.0% WBE 7.0% COMPLETION DATE : JUL 01 2015

US-19 EAST FROM SR-1336 (JACK'S CREEK ROAD) TO SR-1186 (OLD US-19).

ROADWAY ITEMS					
			963.6	M	GENERIC PIPE ITEM 400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
			265.2	M	GENERIC PIPE ITEM 450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	1,200	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS IV
1.2	HA	SUPPLEMENTARY CLEARING & GRUBBING			
1,176,000	M3	UNCLASSIFIED EXCAVATION	121.2	M	GENERIC PIPE ITEM 450MM SIDE DRAIN PIPE
2,000	M3	SHALLOW UNDERCUT	345.6	M	GENERIC PIPE ITEM 600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
4,300	MTN	CLASS IV SUBGRADE STABILIZATION	1,586.4	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS IV
5,100	M3	DRAINAGE DITCH EXCAVATION			
2,690	M	BERM DITCH CONSTRUCTION	34.8	M	GENERIC PIPE ITEM 600MM SIDE DRAIN PIPE
34,500	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	838.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS IV
33	HR	PROOF ROLLING			
500	M3	SELECT GRANULAR MATERIAL	56.4	M	GENERIC PIPE ITEM 800MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
4,750	M2	FABRIC FOR SOIL STABILIZATION			
706	M2	TEMPORARY SHORING	26.4	M	GENERIC PIPE ITEM 900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
135	M2	GENERIC GRADING ITEM REINFORCED SOIL SLOPES			
1,000	MTN	GENERIC GRADING ITEM EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOIL	511.2	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS IV
4,973	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
15,794	M2	FOUNDATION CONDITIONING FABRIC	4	EA	GENERIC PIPE ITEM 1000MM BIT COAT CS PIPE ELBOW, TYPE B 2.01MM THICK
56.4	M	GENERIC PIPE ITEM 1650MM WELDED STEEL PIPE LINER	4	EA	GENERIC PIPE ITEM 1200MM BIT COAT CS PIPE ELBOW, TYPE B 2.01MM THICK
45.6	M	GENERIC PIPE ITEM 750MM WELDED STEEL PIPE LINER	18	EA	GENERIC PIPE ITEM 375MM PIPE END SECTION
34.8	M	GENERIC PIPE ITEM 1000MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	110	EA	GENERIC PIPE ITEM 400MM BIT COAT CS PIPE ELBOW, TYPE B 1.63MM THICK
528.8	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS IV	3	EA	GENERIC PIPE ITEM 400MM PIPE END SECTION
46.8	M	GENERIC PIPE ITEM 1200MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	16	EA	GENERIC PIPE ITEM 450MM BIT COAT CS PIPE ELBOW, TYPE B 1.63MM THICK
132	M	GENERIC PIPE ITEM 1200MM RC PIPE CULVERTS, CLASS IV	4	EA	GENERIC PIPE ITEM 450MM PIPE END SECTION
103.2	M	GENERIC PIPE ITEM 1350MM RC PIPE CULVERTS, CLASS III	27	EA	GENERIC PIPE ITEM 600MM BIT COAT CS PIPE ELBOW, TYPE B 1.63MM THICK
20.4	M	GENERIC PIPE ITEM 1400MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK	3	EA	GENERIC PIPE ITEM 600MM PIPE END SECTION
21.6	M	GENERIC PIPE ITEM 1500MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK	7	EA	GENERIC PIPE ITEM 800MM BIT COAT CS PIPE ELBOW, TYPE B 1.63MM THICK
180	M	GENERIC PIPE ITEM 1500MM RC PIPE CULVERTS, CLASS III	2	EA	GENERIC PIPE ITEM 900MM BIT COAT CS PIPE ELBOW, TYPE B 2.01MM THICK
7.2	M	GENERIC PIPE ITEM 1800MM BIT COAT CS PIPE CULVERTS, TYPE B 3.50MM THICK	3,302.8	M	PIPE REMOVAL
307.2	M	GENERIC PIPE ITEM 1800MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FINE GRADING
27.6	M	GENERIC PIPE ITEM 1950MM RC PIPE CULVERTS, CLASS III	180	MTN	#57 STONE
21.6	M	GENERIC PIPE ITEM 2230MM X 1600MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B 2.77MM THK	3,000	MTN	STABILIZER AGGREGATE
13.2	M	GENERIC PIPE ITEM 2410MM X 1700MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B 2.77MM THK	120,450	MTN	AGGREGATE BASE COURSE
13.2	M	GENERIC PIPE ITEM 300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	12,000	MTN	INCIDENTAL STONE BASE
4,966.8	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS IV	27,090	M3	SHOULDER BORROW
285.6	M	GENERIC PIPE ITEM 375MM SIDE DRAIN PIPE	2,740	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
			37,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
			700	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			44,700	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			4,200	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			44,300	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			880	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
			4,170	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22

			2	EA	METAL GATE POSTS FOR ****MM CHAIN LINK FENCE, DOUBLE GATE (1200MM)
2,660	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	1	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (1200MM, 1800MM, 3600MM)
1,902	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	800	M	GENERIC FENCING ITEM STEEL PIPE HANDRAIL
625	EA	RIGHT OF WAY MARKERS	1,845	MTN	RIP RAP, CLASS I
414	M3	SUBDRAIN EXCAVATION	385	MTN	RIP RAP, CLASS II
310.5	M3	SUBDRAIN FINE AGGREGATE	760	MTN	RIP RAP, CLASS B
750	M	150MM PERFORATED SUBDRAIN PIPE	590	MTN	BOULDERS
5	EA	SUBDRAIN PIPE OUTLETS	22,810	M2	FILTER FABRIC FOR DRAINAGE
10	M	150MM OUTLET PIPE (SUBDRAINS)	20	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
19.2	M3	ENDWALLS	2,749	M	SUPPORTS, 4.5-KG STEEL U-CHANN EL
48.8	M3	REINFORCED ENDWALLS	28	EA	SIGN ERECTION, TYPE D
12	M3	PIPE COLLARS	325	EA	SIGN ERECTION, TYPE E
2.01	M3	PIPE PLUGS	25	EA	SIGN ERECTION, TYPE F
55	M3	FLOWABLE FILL	15	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
522	EA	MASONRY DRAINAGE STRUCTURES	23	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
111.89	M3	MASONRY DRAINAGE STRUCTURES	216	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
87.7	M	MASONRY DRAINAGE STRUCTURES	3	EA	GENERIC SIGNING ITEM DISPOSAL OF FLASHERS SYSTEM
130	EA	FRAME WITH TWO GRATES, STD 840.16	344	M2	WORK ZONE SIGNS (STATIONARY)
3	EA	FRAME WITH TWO GRATES, STD 840.22	105	M2	WORK ZONE SIGNS (PORTABLE)
94	EA	FRAME WITH TWO GRATES, STD 840.24	39	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	EA	FRAME WITH TWO GRATES, STD 840.29	2	EA	FLASHING ARROW PANELS, TYPE C
11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	4	EA	CHANGEABLE MESSAGE SIGN
100	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	1,230	EA	DRUMS
129	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	379	M	BARRICADES (TYPE III)
32	EA	FRAME WITH COVER, STD 840.54	11	EA	TEMPORARY CRASH CUSHIONS
10.8	M	FRAME WITH GRATES, DRIVEWAY DROP INLET	4	EA	RESET TEMPORARY CRASH CUSHIONS
71	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	2	EA	TMIA
59	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS	206	M	PORTABLE CONCRETE BARRIER
2,420	M	*** X ****MM CONCRETE CURB (200MM X 450MM)	144	M	PORTABLE CONCRETE BARRIER (ANCHORED)
15,500	M	450MM CONCRETE CURB & GUTTER	195	M	PORTABLE CONCRETE BARRIER (DRAINAGE)
9,500	M	750MM CONCRETE CURB & GUTTER	115	M	RESET PORTABLE CONCRETE BARRIER
1,790	M	SHOULDER BERM GUTTER	127	M	RESET PORTABLE CONCRETE BARRIER (ANCHORED)
210	M	CONCRETE EXPRESSWAY GUTTER	80	HR	LAW ENFORCEMENT
17,500	M2	100MM CONCRETE SIDEWALK	100	EA	SKINNY DRUM
90	EA	CONCRETE WHEELCHAIR RAMPS	Lump	Sum	LS
1,450	M2	150MM CONCRETE DRIVEWAY			GENERIC TRAFFIC CONTROL ITEM FLAGGERS
440	M2	100MM CONCRETE PAVED DITCH	1,933	EA	TEMPORARY RAISED PAVEMENT MARKERS
4,180	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	209	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	1,258	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)
3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER	764	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
7,246.62	M	STEEL BM GUARDRAIL	216	M	THERMOPLASTIC RUMBLE STRIP (100MM, 6.2MM)
826.77	M	STEEL BM GUARDRAIL, SHOP CURVED	392	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
6	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	293,086	M	PAINT PAVEMENT MARKING LINES (100MM)
20	EA	ADDITIONAL GUARDRAIL POSTS	164	M	PAINT PAVEMENT MARKING LINES (200MM)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	2,073	M	PAINT PAVEMENT MARKING LINES (600MM)
45	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	576	EA	PAINT PAVEMENT MARKING SYMBOL
68	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	38,531	M	POLYUREA PAVEMENT MARKING LINES (100MM, *****) (HIGHLY REFLECTIVE ELEMENTS)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	70	M	POLYUREA PAVEMENT MARKING LINES (200MM, *****) (HIGHLY REFLECTIVE ELEMENTS)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	98	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****)) (HIGHLY REFLECTIVE ELEMENTS)
4,890	M	REMOVE EXISTING GUARDRAIL	192	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
15.24	M	TEMPORARY STEEL BM GUARDRAIL	1,795	EA	SNOWPLOWABLE PAVEMENT MARKERS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	32	M	200MM WATER LINE
11,720	M	WOVEN WIRE FENCE, 1200MM FABRIC	575	M	300MM WATER LINE
2,360	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	3	EA	200MM VALVE
845	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	3	EA	300MM VALVE
70	M	CHAIN LINK FENCE, 1200MM FABRIC	4	EA	20MM WATER METER
20	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE	2	EA	50MM WATER METER
7	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE	10	EA	RELOCATE WATER METER
			2	EA	RECONNECT WATER METER
			2	EA	FIRE HYDRANT

			14,620	M	LEAD-IN CABLE (***** (14-2)	
			4	EA	900MHZ WIRELESS RADIO SYSTEM	
			13	EA	METAL POLE WITH SINGLE MAST ARM	
2	EA	RELOCATE FIRE HYDRANT				
548	M	200MM SANITARY GRAVITY SEWER				
728	M	200MM FORCE MAIN SEWER				
4	EA	SANITARY SEWER CLEAN-OUT				
8	EA	1200MM DIA UTILITY MANHOLE				
6	M	UTILITY MANHOLE WALL, 1200MM DIA				
1,853	M	ABANDON 200MM UTILITY PIPE				
1	EA	REMOVE FIRE HYDRANT				
13	M	TRENCHLESS INSTALLATION OF 200MM IN SOIL				
13	M	TRENCHLESS INSTALLATION OF 200MM NOT IN SOIL				
35,000	M	TEMPORARY SILT FENCE				
29,000	MTN	STONE FOR EROSION CONTROL, CLASS A				
27,500	MTN	STONE FOR EROSION CONTROL, CLASS B				
22,250	MTN	SEDIMENT CONTROL STONE				
150	HA	TEMPORARY MULCHING				
2,850	KG	SEED FOR TEMPORARY SEEDING				
22	MTN	FERTILIZER FOR TEMPORARY SEED- ING				
2,000	M	TEMPORARY SLOPE DRAINS				
100	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
14,000	M	SAFETY FENCE				
88,200	M3	SILT EXCAVATION				
223,000	M2	MATting FOR EROSION CONTROL				
800	M2	COIR FIBER MAT				
12,500	M2	PERMANENT SOIL REINFORCEMENT MAT				
8,000	M	6.4MM HARDWARE CLOTH				
100	M	***MM TEMPORARY PIPE (450MM)				
30	M	***MM TEMPORARY PIPE (900MM)				
290	M3	STILLING BASINS				
75	EA	SPECIAL STILLING BASINS				
1,500	KG	POLYACRYLAMIDE (PAM)				
35,000	M	COIR FIBER BAFFLES				
61	EA	***MM SKIMMER (38MM)				
1	EA	***MM SKIMMER (51MM)				
170	HA	SEEDING & MULCHING				
100	HA	MOWING				
6,000	KG	SEED FOR REPAIR SEEDING				
22.25	MTN	FERTILIZER FOR REPAIR SEEDING				
4,000	KG	SEED FOR SUPPLEMENTAL SEEDING				
225	MTN	FERTILIZER TOPDRESSING				
1,150	M	IMPERVIOUS DIKE				
200	MHR	SPECIALIZED HAND MOWING				
1,550	M3	CULVERT DIVERSION CHANNEL				
12	HA	REFORESTATION				
0.86	HA	STREAMBANK REFORESTATION				
Lump Sum	LS	GENERIC EROSION CONTROL ITEM DIVERSION PUMPING FOR MITIGA- TION				
45	M3	GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL				
50	MTN	GENERIC EROSION CONTROL ITEM AERIAL FERTILIZER TOPDRESSING				
28	EA	PEDESTRIAN SIGNAL HEAD (***MM, ** SECTION) (400MM, 1 SECTION WITH COUNTDO WN)				
5,230	M	SIGNAL CABLE				
84	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)				
18	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)				
12	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)				
1,140	M	MESSENGER CABLE (9.52MM)				
100	M	PAVED TRENCHING (***** (1, 50MM)				
3,020	M	UNPAVED TRENCHING (***** (1, 50MM)				
480	M	DIRECTIONAL DRILL (***** (2, 50MM)				
54	EA	JUNCTION BOX (STANDARD SIZE)				
22	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)				
30	EA	WOOD POLE				
60	EA	GUY ASSEMBLY				
7	EA	25MM RISER WITH WEATHERHEAD				
32	EA	50MM RISER WITH WEATHERHEAD				
6,000	M	INDUCTIVE LOOP SAWCUT				
					***** BEGIN SCHEDULE AA ***** ***** ( 3 ALTERNATES ) *****	
			31.2	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERT, CLASS III	
			866.4	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERT, CLASS III	
			496.8	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERT, CLASS III	
			613.2	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERT, CLASS III	
			69.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERT, CLASS III	
			12	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERT, CLASS III	
					*** OR ***	
			31.2	M	GENERIC PIPE ITEM 1050MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 2.01MM	
			866.4	M	GENERIC PIPE ITEM 375MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM	
			496.8	M	GENERIC PIPE ITEM 450MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM	
			613.2	M	GENERIC PIPE ITEM 600MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM	
			69.6	M	GENERIC PIPE ITEM 750MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM	
			12	M	GENERIC PIPE ITEM 900MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 2.01MM	
					*** OR ***	
			31.2	M	GENERIC PIPE ITEM 1050MM HDPE PIPE CULVERTS	
			866.4	M	GENERIC PIPE ITEM 375MM HDPE PIPE CULVERTS	
			496.8	M	GENERIC PIPE ITEM 450MM HDPE PIPE CULVERTS	
			613.2	M	GENERIC PIPE ITEM 600MM HDPE PIPE CULVERTS	
			69.6	M	GENERIC PIPE ITEM 750MM HDPE PIPE CULVERTS	
			12	M	GENERIC PIPE ITEM 900MM HDPE PIPE CULVERTS	
					*** END SCHEDULE AA ***	
					<b>CULVERT ITEMS</b>	
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (10+51.500-Y34-)				
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (11+28.900-Y17-)				
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (257+31.900-L-)				
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (279+93.000-L-)				
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (284+22.740-L-)				
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (284+52.460-L-)				
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (285+04.660-L-)				

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (289+81.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (300+91.700-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (301+39.600-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (312+53.500-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (316+61.400-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (318+15.700-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (327+86.600-L-)
1,646.3	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
2,504.7	M3	CLASS A CONCRETE (CULVERT)
256,188	KG	REINFORCING STEEL (CULVERT)
215.3	MTN	RIP RAP, CLASS B

### WALL ITEMS

1,033	M2	MSE RETAINING WALLS
441	M2	SOIL NAIL RETAINING WALLS
1	EA	SOIL NAIL VERIFICATION TESTS
6	EA	SOIL NAIL PROOF TESTS
1,737	M2	GENERIC RETAINING WALL ITEM ANCHORED SHEET PILE RETAINING WALL