

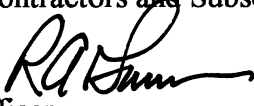


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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

BEVERLY EAVES PERDUE
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EUGENE A. CONTI, JR.
SECRETARY

February 15, 2011

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

From: R.A. Garriss, 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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RALEIGH NC

UPDATED FEBRUARY 15, 2011

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
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
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August 24, 2010

NOTICE TO: All Prequalified Contractors

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

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

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

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

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

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

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1501 MAIL SERVICE CENTER
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TELEPHONE: 919-250-4128
FAX: 919-250-4119
WEBSITE: www.ncdot.org

LOCATION:
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STATE OF NORTH CAROLINA
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SECRETARY

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



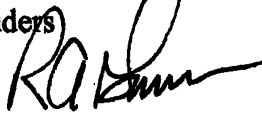
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
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 or 2) The American Traffic Safety Services Association (ATSSA) contact Donna Clark 540-368-1701 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



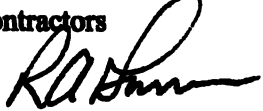
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
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EUGENE A. CONTI, JR.
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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CONTRACT STANDARDS AND DEVELOPMENT UNIT
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RALEIGH NC 27609-1551

TELEPHONE: 919-280-4128
FAX: 919-280-4119

WEBSITE: WWW.NCDOT.ORG

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

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

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

**STATE OF NORTH CAROLINA
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 MAY 17, 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 APRIL 19, 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.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
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 L110517

RPN	Contract Id	WBS	County	Length	JobType
001	C202332	35609.3.1	YANCEY	11.920 KM	GRADING, DRAINAGE, PAVING, SIGNALS, RETAIN WALLS & CULVERTS.
002	C202599	35742.3.1	PASQUOTANK, CAMDEN	0.630 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.
003	C202722	41470.3.2	DARE	0.000 MI	SCOUR PROTECTION.
004	C202764	3CR.10311.111	ET DUPLIN, SAMPSON	10.420 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
005	C202164	40221.3.1	DURHAM	0.767 MI	GRADING, DRAINAGE, PAVING & SIGNALS.
006	C202767	7CR.10171.29	CASWELL	6.078 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
007	C202770	7CR.10681.23	ETC ORANGE	5.275 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C202768	7CR.10791.33	ETC ROCKINGHAM	23.517 MI	MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.
009	C202765	10CR.10041.31	ET ANSON	12.780 MI	MILLING, RESURFACING & SHOULDER RE AND CONSTRUCTION.
010	C202766	10CR.10901.26	ET UNION	13.950 MI	MILLING, RESURFACING, SHOULDER RE AND CONSTRUCTION.

Bid Letting Number L110621

RPN	Contract Id	WBS	County	Length	JobType
001	C202028	34817.3.12	CUMBERLAND	1.920 KM	GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

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 & 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			
5,100	M3	DRAINAGE DITCH EXCAVATION	1,586.4	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS IV
2,690	M	BERM DITCH CONSTRUCTION			
34,500	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	34.8	M	GENERIC PIPE ITEM 600MM SIDE DRAIN PIPE
33	HR	PROOF ROLLING	838.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS IV
500	M3	SELECT GRANULAR MATERIAL			
4,750	M2	FABRIC FOR SOIL STABILIZATION	56.4	M	GENERIC PIPE ITEM 800MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
706	M2	TEMPORARY SHORING			
135	M2	GENERIC GRADING ITEM REINFORCED SOIL SLOPES	26.4	M	GENERIC PIPE ITEM 900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
1,000	MTN	GENERIC GRADING ITEM EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOIL			
4,973	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	511.2	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS IV
15,794	M2	FOUNDATION CONDITIONING FABRIC			
56.4	M	GENERIC PIPE ITEM 1650MM WELDED STEEL PIPE LINER	4	EA	GENERIC PIPE ITEM 1000MM BIT COAT CS PIPE ELBOW, TYPE B 2.01MM THICK
45.6	M	GENERIC PIPE ITEM 750MM WELDED STEEL PIPE LINER	4	EA	GENERIC PIPE ITEM 1200MM BIT COAT CS PIPE ELBOW, TYPE B 2.01MM THICK
34.8	M	GENERIC PIPE ITEM 1000MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	18	EA	GENERIC PIPE ITEM 375MM PIPE END SECTION
528.8	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS IV	110	EA	GENERIC PIPE ITEM 400MM BIT COAT CS PIPE ELBOW, TYPE B 1.63MM THICK
46.8	M	GENERIC PIPE ITEM 1200MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	3	EA	GENERIC PIPE ITEM 400MM PIPE END SECTION
132	M	GENERIC PIPE ITEM 1200MM RC PIPE CULVERTS, CLASS IV	16	EA	GENERIC PIPE ITEM 450MM BIT COAT CS PIPE ELBOW, TYPE B 1.63MM THICK
103.2	M	GENERIC PIPE ITEM 1350MM RC PIPE CULVERTS, CLASS III	4	EA	GENERIC PIPE ITEM 450MM PIPE END SECTION
20.4	M	GENERIC PIPE ITEM 1400MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK	27	EA	GENERIC PIPE ITEM 600MM BIT COAT CS PIPE ELBOW, TYPE B 1.63MM THICK
21.6	M	GENERIC PIPE ITEM 1500MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK	3	EA	GENERIC PIPE ITEM 600MM PIPE END SECTION
180	M	GENERIC PIPE ITEM 1500MM RC PIPE CULVERTS, CLASS III	7	EA	GENERIC PIPE ITEM 800MM BIT COAT CS PIPE ELBOW, TYPE B 1.63MM THICK
7.2	M	GENERIC PIPE ITEM 1800MM BIT COAT CS PIPE CULVERTS, TYPE B 3.50MM THICK	2	EA	GENERIC PIPE ITEM 900MM BIT COAT CS PIPE ELBOW, TYPE B 2.01MM THICK
307.2	M	GENERIC PIPE ITEM 1800MM RC PIPE CULVERTS, CLASS III	3,302.8	M	PIPE REMOVAL
27.6	M	GENERIC PIPE ITEM 1950MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FINE GRADING
21.6	M	GENERIC PIPE ITEM 2230MM X 1600MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B 2.77MM THK	180	MTN	#57 STONE
13.2	M	GENERIC PIPE ITEM 2410MM X 1700MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B 2.77MM THK	3,000	MTN	STABILIZER AGGREGATE
13.2	M	GENERIC PIPE ITEM 300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	120,450	MTN	AGGREGATE BASE COURSE
4,966.8	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS IV	12,000	MTN	INCIDENTAL STONE BASE
285.6	M	GENERIC PIPE ITEM 375MM SIDE DRAIN PIPE	27,090	M3	SHOULDER BORROW
			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	31.2	M	GENERIC PIPE ITEM 1050MM HDPE PIPE CULVERTS	
50	MTN	GENERIC EROSION CONTROL ITEM AERIAL FERTILIZER TOPDRESSING	866.4	M	GENERIC PIPE ITEM 375MM HDPE PIPE CULVERTS	
28	EA	PEDESTRIAN SIGNAL HEAD (***MM, ** SECTION) (400MM, 1 SECTION WITH COUNTDO WN)	496.8	M	GENERIC PIPE ITEM 450MM HDPE PIPE CULVERTS	
5,230	M	SIGNAL CABLE	613.2	M	GENERIC PIPE ITEM 600MM HDPE PIPE CULVERTS	
84	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	69.6	M	GENERIC PIPE ITEM 750MM HDPE PIPE CULVERTS	
18	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)	12	M	GENERIC PIPE ITEM 900MM HDPE PIPE CULVERTS	
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 ***	
					CULVERT ITEMS	
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

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110517 002

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 : JUN 01 2015

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

		ROADWAY ITEMS				
				885	TON	AGGREGATE BASE COURSE
				200	TON	INCIDENTAL STONE BASE
				1,290	CY	SHOULDER BORROW
Lump Sum	LS	MOBILIZATION		5,940	SY	MILLING ASPHALT PAVEMENT, ****
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM				DEPTH
		STORMWATER PUMP SYSTEM & SITE				(3")
		WORK		4,410	SY	MILLING ASPHALT PAVEMENT, ****
187	LF	GENERIC MISCELLANEOUS ITEM				TO *****" DEPTH
		DETENTION BASIN WALL				(1" TO 3")
79,922	LB	GENERIC MISCELLANEOUS ITEM		80	SY	INCIDENTAL MILLING
		EPOXY COATED REINFORCING STEEL		170	TON	ASPHALT CONC BASE COURSE, TYPE
		(ROADWAY)				B25.0C
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)		42	TON	ASPHALT CONC INTERMEDIATE
20	EA	GENERIC MISCELLANEOUS ITEM				COURSE, TYPE I19.0C
		OBSERVATION TUBES		270	TON	ASPHALT CONC SURFACE COURSE,
1	ACR	SUPPLEMENTARY CLEARING & GRUB-				TYPE S9.5C
		BING		10	TON	ASPHALT BINDER FOR PLANT MIX,
1,200	CY	UNCLASSIFIED EXCAVATION				GRADE PG 64-22
Lump Sum	LS	REINFORCED BRIDGE APPROACH		17	TON	ASPHALT BINDER FOR PLANT MIX,
		FILL, STATION *****				GRADE PG 70-22
		(16+31.56)		200	TON	ASPHALT PLANT MIX, PAVEMENT
22,530	CY	UNDERCUT EXCAVATION				REPAIR
500	CY	SHALLOW UNDERCUT		14,200	SY	*****" PORT CEM CONC PAVEMENT,
1,000	TON	CLASS IV SUBGRADE STABILIZA-				THROUGH LANES (WITH DOWELS)
		TION				(10-1/2")
5,810	CY	DRAINAGE DITCH EXCAVATION		4,400	SY	GENERIC PAVING ITEM
1,000	CY	SELECT GRANULAR MATERIAL				MILLING CONC PAVEMENT, 1-1/2"
2,500	SY	FABRIC FOR SOIL STABILIZATION				DEPTH
1,100	SY	ROCK PLATING		18,520	SY	GENERIC PAVING ITEM
4,000	CY	GENERIC GRADING ITEM				NONWOVEN GEOTEXTILE INTERLAYER
		CONTAMINATED SOIL STOCKPILING				FOR SEPARATING CEMENTITIOUS
20,530	CY	GENERIC GRADING ITEM		4,100	SY	PVT LAYERS
		FOAMED CONCRETE				GENERIC PAVING ITEM
5,500	CY	GENERIC GRADING ITEM				VARIABLE DEPTH CONCRETE
		REMOVAL OF EXISTING ASPHALT		Lump Sum	LS	OVERLAY
		PAVEMENT				SURFACE TESTING CONCRETE PAVE-
13,480	SY	GENERIC GRADING ITEM				MENT
		HIGH STRENGTH GEOTEXTILE FOR		224	CY	SUBDRAIN EXCAVATION
		FOAMED CONC		168	CY	SUBDRAIN FINE AGGREGATE
30,160	SY	GENERIC GRADING ITEM		1,000	LF	6" PERFORATED SUBDRAIN PIPE
		WELDED WIRE FABRIC FOR FOAMED		2	EA	SUBDRAIN PIPE OUTLETS
		CONC		12	LF	6" OUTLET PIPE (SUBDRAINS)
6,000	TON	GENERIC GRADING ITEM		6	CY	ENDWALLS
		CONTAMINATED SOIL HAULING AND		1	CY	PIPE PLUGS
		DISPOSAL		2	CY	FLOWABLE FILL
18	LF	GENERIC GRADING ITEM		101	EA	MASONRY DRAINAGE STRUCTURES
		ANCHORED SHEET PILING BULKHEAD		24	LF	MASONRY DRAINAGE STRUCTURES
		WALL		9	EA	FRAME WITH TWO GRATES, STD
15	LF	GENERIC GRADING ITEM				840.16
		CONTRACTOR DESIGNED TEMPORARY		9	EA	FRAME WITH TWO GRATES, STD
		SHORING				840.29
1,140	LF	GENERIC GRADING ITEM		14	EA	FRAME WITH GRATE & HOOD, STD
		CURTAIN WALL SHEETING				840.03, TYPE **
1,261	LF	GENERIC GRADING ITEM		31	EA	FRAME WITH GRATE & HOOD, STD
		TEMPORARY SHEETING				(E)
15	EA	GENERIC GRADING ITEM		31	EA	FRAME WITH GRATE & HOOD, STD
		ROADWAY MICROPILE PROOF TEST				840.03, TYPE **
3	EA	GENERIC GRADING ITEM		31	EA	FRAME WITH GRATE & HOOD, STD
		ROADWAY MICROPILE VERIFICATION				840.03, TYPE **
		TEST				(G)
277	EA	GENERIC GRADING ITEM		13	EA	FRAME WITH COVER, STD 840.54
		ROADWAY MICROPILES		510	LF	***"X ***" CONCRETE CURB
2	EA	GENERIC GRADING ITEM				(8" X 18")
		UNDERGROUND STORAGE TANK		60	LF	1'-6" CONCRETE CURB & GUTTER
		REMOVAL AND DISPOSAL		6,475	LF	2'-6" CONCRETE CURB & GUTTER
710	TON	FOUNDATION CONDITIONING MATE-		1	EA	MODIFIED CONCRETE FLUME
		RIAL, MINOR STRS				CONCRETE VALLEY GUTTER
2,210	SY	FOUNDATION CONDITIONING FABRIC		30	LF	CONCRETE VALLEY GUTTER
680	LF	15" DRAINAGE PIPE		3,890	SY	4" CONCRETE SIDEWALK
808	LF	18" DRAINAGE PIPE		32	EA	CONCRETE WHEELCHAIR RAMPS
492	LF	24" DRAINAGE PIPE		1,550	SY	6" CONCRETE DRIVEWAY
812	LF	30" DRAINAGE PIPE		400	SY	4" CONCRETE ISLAND COVERS
680	LF	36" DRAINAGE PIPE		1	EA	CONCRETE BARRIER TRANSITION
3,156	LF	42" DRAINAGE PIPE				SECTION
277	LF	GENERIC PIPE ITEM		140	SY	GENERIC PAVING ITEM
		9'-7" X 6'-6" CAA STRUCTURAL				POROUS CONCRETE PAVERS
		PLATE PIPE		5	EA	ADJUSTMENT OF DROP INLETS
		ARCH, 0.125" THICK, CONTRACTOR		1	EA	CONVERT EXISTING JUNCTION BOX
		DESIGN				TO CATCH BASIN
4,323	LF	PIPE REMOVAL		2	EA	IMPACT ATTENUATOR UNIT, TYPE
Lump Sum	LS	FINE GRADING				350
				400	LF	STEEL BM GUARDRAIL

			126	EA	PAINT PAVEMENT MARKING SYMBOL
			11,911	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
75	LF	STEEL BM GUARDRAIL, SHOP CURVED	36	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (HIGHLY REFLECTIVE ELEMENTS)
5	EA	ADDITIONAL GUARDRAIL POSTS	9	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (HIGHLY REFLECTIVE ELEMENTS)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	16,098	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	1,488	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	115	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
387	LF	REMOVE EXISTING GUARDRAIL	840	LF	CURING COMPOUND REMOVAL, LINES (IV)
144	LF	CHAIN LINK FENCE, *** FABRIC (54")	150	EA	SNOWPLOWABLE PAVEMENT MARKERS
12	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (54")	325	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
4	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (54")	3,100	LF	GENERIC LIGHTING ITEM FEEDER CIRCUIT CONDUIT, SIZE 2", TYPE BD
140	LF	GENERIC FENCING ITEM WOOD FENCE RESET	21	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOXES, TYPE PC18
2	TON	RIP RAP, CLASS I	22	EA	GENERIC LIGHTING ITEM POST TOP FOUNDATION
35	TON	RIP RAP, CLASS B	609	LF	*** WATER LINE (14")
3,070	SY	FILTER FABRIC FOR DRAINAGE	130	LF	4" WATER LINE
169	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	85	LF	6" WATER LINE
643	LF	SUPPORTS, WOOD	195	LF	8" WATER LINE
7	EA	SIGN ERECTION, TYPE D	1,346	LF	10" WATER LINE
47	EA	SIGN ERECTION, TYPE E	216	LF	12" WATER LINE
16	EA	SIGN ERECTION, TYPE F	1	EA	4" VALVE
14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	4	EA	6" VALVE
34	EA	DISPOSAL OF SIGN SYSTEM, WOOD	4	EA	10" VALVE
1	EA	GENERIC SIGNING ITEM DISPOSAL OF FLASHER SYSTEM	1	EA	2" BLOW OFF
1,070	SF	WORK ZONE SIGNS (STATIONARY)	1	EA	3/4" WATER METER
973	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	15	EA	RELOCATE WATER METER
4	EA	FLASHING ARROW PANELS, TYPE C	8	EA	RECONNECT WATER METER
6	EA	CHANGEABLE MESSAGE SIGN	5	EA	FIRE HYDRANT
275	EA	DRUMS	5	EA	RELOCATE FIRE HYDRANT
8	EA	CONES	4	EA	6" LINE STOP
378	LF	BARRICADES (TYPE III)	4	EA	10" LINE STOP
8,640	HR	FLAGGER	2	EA	24" LINE STOP
2	EA	TEMPORARY CRASH CUSHIONS	20	LF	4" SANITARY GRAVITY SEWER
7	EA	RESET TEMPORARY CRASH CUSHIONS	100	LF	6" SANITARY GRAVITY SEWER
4	EA	TMIA	1,115	LF	8" SANITARY GRAVITY SEWER
948	LF	PORTABLE CONCRETE BARRIER	136	LF	2" FORCE MAIN SEWER
880	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)	611	LF	24" FORCE MAIN SEWER
318	LF	RESET PORTABLE CONCRETE BARRIER	15	EA	SANITARY SEWER CLEAN-OUT
98	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)	9	EA	4' DIA UTILITY MANHOLE
1,480	LF	WATER FILLED BARRIER	6	EA	5' DIA UTILITY MANHOLE
1,084	LF	RESET WATER FILLED BARRIER	23	LF	UTILITY MANHOLE WALL, 4' DIA
2,400	HR	LAW ENFORCEMENT	46	LF	UTILITY MANHOLE WALL, 5' DIA
31	EA	SKINNY DRUM	156	LF	ABANDON *** UTILITY PIPE (4")
432	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	1,723	LF	ABANDON 6" UTILITY PIPE
109	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	3,071	LF	ABANDON 8" UTILITY PIPE
55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,060	LF	ABANDON 10" UTILITY PIPE
2,089	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	1,258	LF	ABANDON 12" UTILITY PIPE
59	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	900	LF	ABANDON 24" UTILITY PIPE
53,234	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	1	EA	ABANDON UTILITY MANHOLE
3,662	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)	20	EA	REMOVE UTILITY MANHOLE
700	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)	1,025	LF	GENERIC UTILITY ITEM TEMPORARY 6" PVC WATER PIPE SDR 21, 200 #WP
7	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (IV)	Lump Sum	LS	GENERIC UTILITY ITEM TEMPORARY WATER AND SEWER SERVICE
126	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)	2,000	LF	TEMPORARY SILT FENCE
53,231	LF	PAINT PAVEMENT MARKING LINES (4")	800	TON	STONE FOR EROSION CONTROL, CLASS A
3,660	LF	PAINT PAVEMENT MARKING LINES (8")	130	TON	STONE FOR EROSION CONTROL, CLASS B
698	LF	PAINT PAVEMENT MARKING LINES (24")	2,000	TON	SEDIMENT CONTROL STONE
7	EA	PAINT PAVEMENT MARKING CHARACTER	3	ACR	TEMPORARY MULCHING
			100	LB	SEED FOR TEMPORARY SEEDING
			0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
			200	LF	TEMPORARY SLOPE DRAINS
			6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			1,000	LF	SAFETY FENCE
			110	CY	SILT EXCAVATION
			2,000	SY	MATTING FOR EROSION CONTROL
			6,500	LF	1/4" HARDWARE CLOTH

	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+31.22-L1-)	
	1,200	CY	FOUNDATION EXCAVATION	
8,000		SY	FLOATING TURBIDITY CURTAIN	
20		EA	SPECIAL STILLING BASINS	
200		LF	COIR FIBER WATTLE	
100		LB	POLYACRYLAMIDE (PAM)	
3		ACR	SEEDING & MULCHING	
3		ACR	MOWING	
50		LB	SEED FOR REPAIR SEEDING	28,992 SF
0.25		TON	FERTILIZER FOR REPAIR SEEDING	51,410 SF
75		LB	SEED FOR SUPPLEMENTAL SEEDING	3,501.6 CY
1.75		TON	FERTILIZER TOPDRESSING	3,800 CY
20		MHR	SPECIALIZED HAND MOWING	
50		EA	RESPONSE FOR EROSION CONTROL	
16		EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16" WITH COUNTDOWN)	
5,500		LF	SIGNAL CABLE	461,021 LB
29		EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	512 LB
7		EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	3,240.4 LF
3		EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	622,000 LS
250		LF	UNPAVED TRENCHING (***** (1-2"))	APPROX LBS STRUCTURAL STEEL
4,500		LF	UNPAVED TRENCHING (***** (2-2"))	5,830 LF
12		EA	JUNCTION BOX (STANDARD SIZE)	2,210 LF
3		EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	16,900 LF
2,400		LF	LEAD-IN CABLE (***** (14-2))	101 EA
4,800		LF	COMMUNICATIONS CABLE (**FIBER) (12)	823.33 LF
4		EA	INTERCONNECT CENTER	820.12 LF
3		EA	DELINEATOR MARKER	722.13 LF
1		EA	FURNISH FIBER-OPTIC TRANSCIEVER	
2		EA	METAL POLE WITH SINGLE MAST ARM	208 CY
6		EA	METAL POLE WITH DUAL MAST ARM	3,332 SY
9		EA	SIGNAL PEDESTAL WITH FOUNDATION	
8		EA	MAST ARM WITH METAL POLE DESIGN	Lump Sum LS
2		EA	SIGN FOR SIGNALS	ELASTOMERIC BEARINGS
4		EA	SIGNAL CABINET FOUNDATION	Lump Sum LS
4		EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	Lump Sum LS
4		EA	CABINET BASE EXTENDER	Lump Sum LS
2		EA	METAL POLE FOUNDATION REMOVAL	Lump Sum LS
2		EA	METAL POLE REMOVAL	Lump Sum LS
11		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			OPTICAL PREEMPTION DETECTORS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING STRUCTURE
4		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			OPTICAL PREEMPTION PHASE SELECTORS	GENERIC STRUCTURE ITEM CONTROL HOUSE - ARCHITECTURAL/ STRUCTURAL/GEN CONSTR
6		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			POWDER COAT FOR DOUBLE MAST ARM WITH METAL POLE	GENERIC STRUCTURE ITEM CONTROL HOUSE-MECHANICAL
9		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			POWDER COAT FOR PEDESTRIAN PEDESTAL	GENERIC STRUCTURE ITEM FENDER SYSTEM
4		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			POWDER COAT FOR PUSH BUTTON POST	GENERIC STRUCTURE ITEM NEW EASTBOUND BRIDGE ELECTRICAL WORK
2		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE	GENERIC STRUCTURE ITEM NEW EASTBOUND BRIDGE MECHANICAL WORK
4		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			PUSH BUTTON POST	GENERIC STRUCTURE ITEM POLLUTION CONTROL
8		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			SIGNAL POLE MICROPILE PROOF TEST	GENERIC STRUCTURE ITEM REHAB OF WESTBOUND BRIDGE ELECTRICAL WORK
32		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			SIGNAL POLE MICROPILES	GENERIC STRUCTURE ITEM REHAB WESTBOUND BRIDGE MECHANICAL WORK
4		EA	GENERIC SIGNAL ITEM	Lump Sum LS
			WIRELESS MAGNETIC SENSOR VEHICLE DETECTOR SYSTEM	GENERIC STRUCTURE ITEM REHABILITATION OF PIER 1
68		CY	GENERIC SIGNAL ITEM	Lump Sum LS
			SIGNAL PILE CAP FOUNDATION	GENERIC STRUCTURE ITEM REMOVAL OF EXISTING BASCULE STR AT STA 15+25.75-L1-
Lump Sum		LS	CONSTRUCTION SURVEYING	Lump Sum LS
				GENERIC STRUCTURE ITEM REMOVAL OF PORTION OF EXISTING STR AT STA 15+25.75-L2-
				GENERIC STRUCTURE ITEM 1'-0"X1'-6" CONCRETE PARAPET (SAND LIGHTWEIGHT)
				GENERIC STRUCTURE ITEM 2-BAR ALUMINUM HANDRAIL
				GENERIC STRUCTURE ITEM END BENT CAP BULKHEAD SHEETING
				GENERIC STRUCTURE ITEM SAND LIGHTWEIGHT CONCRETE
				GENERIC STRUCTURE ITEM CONCRETE REPAIRS TO UNDER DECK
				GENERIC STRUCTURE ITEM OPEN STEEL GRID DECK
				GENERIC STRUCTURE ITEM PARTIALLY-FILLED STL GRID DECK
				GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BR DECK

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+31.22-L1-)		
			1,960 SF	
			3,332 SY	

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
Lump Sum	LS	GENERIC STRUCTURE ITEM BASCULE GIRDER REPAIR

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110517 003

CONTRACT ID : C202722 41470.3.2

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : DARE

SCOUR PROTECTION.

DBE GOAL 0.0% COMPLETION DATE : MAY 15 2012

BRIDGE NO 11 OVER THE OREGON INLET ON NC-12.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM TEMPORARY ROAD EXTENSION
Lump Sum	LS	GRADING
3,120	SY	GENERIC GRADING ITEM CELLULAR CONFINEMENT SYSTEM
1,875	TON	GENERIC PAVING ITEM AGGREGATE BASE COURSE
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
0.06	ACR	GENERIC EROSION CONTROL ITEM WETLAND GRASS PLANTING
3,375	EA	GENERIC STRUCTURE ITEM CONCRETE ARMOR UNITS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110517 004

CONTRACT ID : C202764 3CR.10311.111

DIV OFFICE CASTLE HAYNE

LENGTH = 10.420 MI

COUNTY : DUPLIN, SAMPSON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : NOV 18 2011

NC-421 FROM 1 MILE NORTH OF NC-903 TO THE PENDER COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,033	CY	BORROW EXCAVATION
300	TON	INCIDENTAL STONE BASE
12.68	SMI	SHOULDER RECONSTRUCTION
96,518	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
550	SY	INCIDENTAL MILLING
24,517	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
12,242	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,180	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
722	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
66,951	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
75,187	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
45	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
142,138	LF	PAINT PAVEMENT MARKING LINES (4")
1,950	LF	PAINT PAVEMENT MARKING LINES (8")
100	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARAC- TER
45	EA	PAINT PAVEMENT MARKING SYMBOL
639	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,042	LF	TEMPORARY SILT FENCE
260	TON	STONE FOR EROSION CONTROL, CLASS B
260	TON	SEDIMENT CONTROL STONE
10	ACR	TEMPORARY MULCHING
521	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEED- ING
70	SY	MATTING FOR EROSION CONTROL
521	LF	1/4" HARDWARE CLOTH
160	LF	WATTLE
20	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110517 005

CONTRACT ID : C202164 40221.3.1

DIV OFFICE DURHAM

LENGTH = 0.767 MI

COUNTY : DURHAM

GRADING, DRAINAGE, PAVING & SIGNALS.

DBE GOAL 11.0% COMPLETION DATE : JUL 13 2012

SR-1959 (S MIAMI BLVD) FROM SOUTH OF SR-2112 (METHODIST ST) TO NORTH OF SR-1960 (BETHESDA AVE).

ROADWAY ITEMS					
			24	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	FRAME WITH COVER, STD 840.54
			3	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
Lump Sum	LS	MOBILIZATION	320	LF	1'-6" CONCRETE CURB & GUTTER
2,100	CY	SHALLOW UNDERCUT	9,400	LF	2'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	GRADING	5,340	SY	4" CONCRETE SIDEWALK
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	27	EA	CONCRETE WHEELCHAIR RAMPS
500	CY	UNDERCUT EXCAVATION	380	SY	6" CONCRETE DRIVEWAY
4,100	TON	CLASS IV SUBGRADE STABILIZATION	110	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
500	CY	SELECT GRANULAR MATERIAL	4	EA	GENERIC PAVING ITEM DETECTABLE WARNINGS
7,600	SY	FABRIC FOR SOIL STABILIZATION	1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING JB TOP TO TBBB W/ MH COVER
2,970	SF	TEMPORARY SHORING	30	TON	RIP RAP, CLASS I
853	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1,205	SY	FILTER FABRIC FOR DRAINAGE
2,210	SY	FOUNDATION CONDITIONING FABRIC	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
36	LF	*** DRAINAGE PIPE (10")	550	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
176	LF	15" DRAINAGE PIPE	56	EA	SIGN ERECTION, TYPE E
28	LF	18" DRAINAGE PIPE	1	EA	SIGN ERECTION, TYPE F
12	LF	24" DRAINAGE PIPE	4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
88	LF	30" DRAINAGE PIPE	24	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
44	LF	36" DRAINAGE PIPE	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
2	EA	*** DRAINAGE PIPE ELBOWS (10")	4	EA	DISPOSAL OF SUPPORT, U-CHANNEL
4	LF	***** RC PIPE CULVERTS, CLASS IV (12")	240	SF	WORK ZONE SIGNS (STATIONARY)
3,752	LF	15" RC PIPE CULVERTS, CLASS IV	369	SF	WORK ZONE SIGNS (PORTABLE)
824	LF	18" RC PIPE CULVERTS, CLASS IV	78	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,332	LF	24" RC PIPE CULVERTS, CLASS IV	2	EA	FLASHING ARROW PANELS, TYPE C
340	LF	30" RC PIPE CULVERTS, CLASS IV	2	EA	CHANGEABLE MESSAGE SIGN
5,028	LF	PIPE REMOVAL	325	EA	DRUMS
1,000	TON	STABILIZER AGGREGATE	96	LF	BARRICADES (TYPE III)
45	TON	AGGREGATE BASE COURSE	200	MD	FLAGGER
1,000	TON	INCIDENTAL STONE BASE	2	EA	TEMPORARY CRASH CUSHIONS
24,220	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	2	EA	RESET TEMPORARY CRASH CUSHIONS
350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2	EA	TMIA
12,800	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	480	LF	PORTABLE CONCRETE BARRIER
7,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	480	LF	RESET PORTABLE CONCRETE BARRIER
6,400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	500	LF	WATER FILLED BARRIER
100	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	500	LF	RESET WATER FILLED BARRIER
910	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	30	EA	SKINNY DRUM
385	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	1,000	EA	TEMPORARY RAISED PAVEMENT MARKERS
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	14,763	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
224	CY	SUBDRAIN EXCAVATION	106	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
168	CY	SUBDRAIN FINE AGGREGATE	958	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
1,000	LF	6" PERFORATED SUBDRAIN PIPE	28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2	EA	SUBDRAIN PIPE OUTLETS	91	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
12	LF	6" OUTLET PIPE (SUBDRAINS)	55,129	LF	PAINT PAVEMENT MARKING LINES (4")
3.4	CY	PIPE COLLARS	76	LF	PAINT PAVEMENT MARKING LINES (8")
0.232	CY	PIPE PLUGS	1,084	LF	PAINT PAVEMENT MARKING LINES (24")
10	CY	FLOWABLE FILL	12	EA	PAINT PAVEMENT MARKING CHARACTER
74	EA	MASONRY DRAINAGE STRUCTURES	162	EA	PAINT PAVEMENT MARKING SYMBOL
32.38	LF	MASONRY DRAINAGE STRUCTURES	23,960	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
8	EA	FRAME WITH TWO GRATES, STD 840.16	578	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
1	EA	FRAME WITH TWO GRATES, STD 840.24	90	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
3	EA	FRAME WITH TWO GRATES, STD 840.29	88	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
27	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			

					***** BEGIN SCHEDULE AA *****
					***** (2 ALTERNATES) *****
186	EA	PERMANENT RAISED PAVEMENT MARKERS	6,900	LF	TEMPORARY SILT FENCE
26	LF	8" WATER LINE			*** OR ***
1,100	LF	16" WATER LINE	6,900	LF	GENERIC EROSION CONTROL ITEM
1	EA	8" VALVE			TEMPORARY SILT FENCE WITH WOODEN POSTS
18	EA	RELOCATE WATER METER			
6	EA	RELOCATE FIRE HYDRANT			*** END SCHEDULE AA ***
231	LF	8" SANITARY GRAVITY SEWER			
2	EA	4' DIA UTILITY MANHOLE			
300	LF	ABANDON 8" UTILITY PIPE			
1,062	LF	ABANDON 16" UTILITY PIPE			
1	EA	ABANDON UTILITY MANHOLE			
5	EA	GENERIC UTILITY ITEM ADJUST MANHOLE			
1	EA	GENERIC UTILITY ITEM RECONNECT FIRE HYDRANT			
900	TON	STONE FOR EROSION CONTROL, CLASS A			
270	TON	STONE FOR EROSION CONTROL, CLASS B			
1,000	TON	SEDIMENT CONTROL STONE			
9.5	ACR	TEMPORARY MULCHING			
250	LB	SEED FOR TEMPORARY SEEDING			
1	TON	FERTILIZER FOR TEMPORARY SEEDING			
200	LF	TEMPORARY SLOPE DRAINS			
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
1,300	LF	SAFETY FENCE			
650	CY	SILT EXCAVATION			
7,700	SY	MATTING FOR EROSION CONTROL			
20	SY	PERMANENT SOIL REINFORCEMENT MAT			
4,100	LF	1/4" HARDWARE CLOTH			
120	LF	WATTLE			
20	LB	POLYACRYLAMIDE (PAM)			
150	LF	COIR FIBER BAFFLES			
9	ACR	SEEDING & MULCHING			
6	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
175	LB	SEED FOR SUPPLEMENTAL SEEDING			
5	TON	FERTILIZER TOPDRESSING			
12	MHR	SPECIALIZED HAND MOWING			
12	EA	RESPONSE FOR EROSION CONTROL			
0.1	ACR	REFORESTATION			
6	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION)			
		(16" 1 SECTION W/ COUNTDOWN)			
2,060	LF	SIGNAL CABLE			
7	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
5	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
725	LF	MESSENGER CABLE (1/4")			
680	LF	MESSENGER CABLE (3/8")			
1,625	LF	UNPAVED TRENCHING (*****)			
		(1, 2")			
9	EA	JUNCTION BOX (STANDARD SIZE)			
2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)			
4	EA	WOOD POLE			
6	EA	GUY ASSEMBLY			
1	EA	1" RISER WITH WEATHERHEAD			
3	EA	2" RISER WITH WEATHERHEAD			
2,340	LF	INDUCTIVE LOOP SAWCUT			
5,580	LF	LEAD-IN CABLE (*****)			
		(14-2)			
350	LF	DROP CABLE			
2	EA	INTERCONNECT CENTER			
4	EA	CABLE TRANSFER			
4	EA	METAL STRAIN SIGNAL POLE			
4	EA	SOIL TEST			
20	CY	DRILLED PIER FOUNDATION			
11	EA	SIGN FOR SIGNALS			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLER WITH CABINET (TYPE 170E, BASE MOUNTED)			
6	EA	DETECTOR CARD (TYPE 170)			
1	EA	CABINET BASE EXTENDER			
2	EA	GENERIC SIGNAL ITEM SCHOOL FLASHER			
1,150	SF	SEGMENTAL GRAVITY RETAINING WALLS			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110517 006

CONTRACT ID : C202767 7CR.10171.29

DIV OFFICE GREENSBORO

LENGTH = 6.078 MI

COUNTY : CASWELL

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 28 2011

NC-57 FROM PERSON COUNTY LINE TO NC-62 AND NC-62 FROM NC-57 TO THE VIRGINIA STATE LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
20	CY	BORROW EXCAVATION
411	TON	INCIDENTAL STONE BASE
10.51	SMI	SHOULDER RECONSTRUCTION
725	SY	MILLING ASPHALT PAVEMENT, *** TO ***** DEPTH (0" TO 1-1/2")
1,001	SY	INCIDENTAL MILLING
5,637	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
8,442	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
750	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
81,526	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67M STONE
1	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
64,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
57,244	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
64	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
460	EA	SNOWPLOWABLE PAVEMENT MARKERS
1.91	ACR	SEEDING & MULCHING
1.91	ACR	RESIDENTIAL SEEDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110517 007

CONTRACT ID : C202770 7CR.10681.23

DIV OFFICE GREENSBORO

LENGTH = 5.275 MI

COUNTY : ORANGE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 28 2011

NC-57 FROM NORTH OF NC-157 TO PERSON COUNTY LINE AND 1 SECTION OF SECONDARY ROAD.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
20	CY	BORROW EXCAVATION
189	TON	GENERIC GRADING ITEM INCIDENTAL STONE BASE
9.89	SMI	SHOULDER RECONSTRUCTION
4,618	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
2,905	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (8")
7,501	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
6,778	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
729	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
62,152	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
52,315	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
23,853	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
196	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
12,135	LF	PAINT PAVEMENT MARKING LINES (4")
376	EA	SNOWPLOWABLE PAVEMENT MARKERS
1.8	ACR	SEEDING & MULCHING
1.8	ACR	RESIDENTIAL SEEDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110517 008

CONTRACT ID : C202768 7CR.10791.33

DIV OFFICE GREENSBORO

LENGTH = 23.517 MI

COUNTY : ROCKINGHAM

MILLING, RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 28 2011

NC-65 FROM SOUTH OF SR-2937 TO US-220 AND 7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
20	CY	BORROW EXCAVATION
2,157	TON	INCIDENTAL STONE BASE
15,58	SMI	SHOULDER RECONSTRUCTION
292	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
1,350	SY	INCIDENTAL MILLING
8,354	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
22,444	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,818	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
285,639	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
83,880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
77,131	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
806	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
153	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
638,114	LF	PAINT PAVEMENT MARKING LINES (4")
344	LF	PAINT PAVEMENT MARKING LINES (8")
1,025	EA	PERMANENT RAISED PAVEMENT MARKERS
616	EA	SNOWPLOWABLE PAVEMENT MARKERS
1.42	ACR	SEEDING & MULCHING
1.42	ACR	RESIDENTIAL SEEDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110517 009

CONTRACT ID : C202765

10CR.10041.31

DIV OFFICE ALBEMARLE

LENGTH = 12.780 MI

COUNTY : ANSON

MILLING, RESURFACING & SHOULDER RE AND CONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : JUN 30 2012

1 SECTION OF US-52, 1 SECTION OF US-74, 1 SECTION OF US-74 EB, 2 SECTIONS OF NC-742 & 3 SECTIONS OF SECONDARY RDS

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
500	CY	BORROW EXCAVATION
785	TON	STABILIZER AGGREGATE
590	TON	INCIDENTAL STONE BASE
4.6	SMI	SHOULDER CONSTRUCTION
17.6	SMI	SHOULDER RECONSTRUCTION
400	LF	DITCHING
63,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
210	SY	INCIDENTAL MILLING
1,975	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
5,925	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
15,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
366	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
487	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
942	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
4,290	TON	PATCHING EXISTING PAVEMENT
252	SY	6" CONCRETE DRIVEWAY
2	EA	ADJUSTMENT OF DROP INLETS
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
70,140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
75,427	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
68	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
184,298	LF	PAINT PAVEMENT MARKING LINES (4")
1,779	EA	PERMANENT RAISED PAVEMENT MARKERS
2,009	LF	TEMPORARY SILT FENCE
250	TON	STONE FOR EROSION CONTROL, CLASS B
125	TON	SEDIMENT CONTROL STONE
1,664	LF	WATTLE
4.2	LB	POLYACRYLAMIDE (PAM)
2.2	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110517 010

CONTRACT ID : C202766

10CR.10901.26

DIV OFFICE ALBEMARLE

LENGTH = 13.950 MI

COUNTY : UNION

MILLING, RESURFACING, SHOULDER RE AND CONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : JUN 30 2012

1 SECTION OF US-601, 1 SECTION OF US-74WB, AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,490	CY	BORROW EXCAVATION
925	TON	STABILIZER AGGREGATE
768	TON	INCIDENTAL STONE BASE
5.7	SMI	SHOULDER CONSTRUCTION
17.4	SMI	SHOULDER RECONSTRUCTION
852	LF	DITCHING
40,250	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
270	SY	INCIDENTAL MILLING
1,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
9,230	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
7,925	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,460	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
11,640	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
190	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,088	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
707	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
4,690	TON	PATCHING EXISTING PAVEMENT
276	SY	6" CONCRETE DRIVEWAY
222	SY	GENERIC PAVING ITEM REMOVAL OF CONCRETE ISLAND
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
91,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
60,913	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
247	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
29	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
260,462	LF	PAINT PAVEMENT MARKING LINES (4")
460	LF	PAINT PAVEMENT MARKING LINES (8")
75	LF	PAINT PAVEMENT MARKING LINES (24")
1,476	EA	PERMANENT RAISED PAVEMENT MARKERS
2,151	LF	TEMPORARY SILT FENCE
236	TON	STONE FOR EROSION CONTROL, CLASS B
118	TON	SEDIMENT CONTROL STONE
1,725	LF	WATTLE
4	LB	POLYACRYLAMIDE (PAM)
2.8	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110621 001

CONTRACT ID : C202028 34817.3.12

DIV OFFICE FAYETTEVILLE

LENGTH = 1.920 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : MAY 15 2015

FAYETTEVILLE OUTER LOOP FROM EAST OF SR-1415 (YADKIN RD) TO WEST OF NC-24 (BRAGG BLVD).

ROADWAY ITEMS					
			165.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	MOBILIZATION	40.8	M	GENERIC PIPE ITEM 800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
Lump Sum	LS	CONSTRUCTION SURVEYING			
18,130	M3	GENERIC MISCELLANEOUS ITEM CHIPPED TIRE MATERIAL	14.4	M	GENERIC PIPE ITEM 900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	91.2	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III
2	HA	SUPPLEMENTARY CLEARING & GRUBBING			
4	EA	SEALING ABANDONED WELLS	58	EA	GENERIC PIPE ITEM 400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
313,800	M3	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+10.929 -LP1B-)	2	EA	GENERIC PIPE ITEM 450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+60.500 -RP1A-)	4	EA	GENERIC PIPE ITEM 800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+08.916 -COL2-)	65	M	PIPE REMOVAL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+39.100 -RP1BD-)	110	M2	150MM SLOPE PROTECTION
28,000	M3	UNDERCUT EXCAVATION	Lump Sum	LS	FINE GRADING
600	M3	SHALLOW UNDERCUT	25	MTN	#57 STONE
1,200	MTN	CLASS IV SUBGRADE STABILIZATION	2,000	MTN	STABILIZER AGGREGATE
1,649,100	M3	BORROW EXCAVATION	58,400	MTN	AGGREGATE BASE COURSE
4,660	M3	DRAINAGE DITCH EXCAVATION	1,000	MTN	INCIDENTAL STONE BASE
230	M	BERM DITCH CONSTRUCTION	2,530	L	PRIME COAT
19,600	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	2,000	M2	MILLING ASPHALT PAVEMENT, *** TO ***MM DEPTH (0MM TO 40MM)
21	HR	PROOF ROLLING	585	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
28,700	M3	SELECT GRANULAR MATERIAL, CLASS III	3,805	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
38,450	M2	FABRIC FOR SOIL STABILIZATION	395	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
4,750	M2	ROCK PLATING	24,315	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
5,500	M3	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	570	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,500	M2	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION	22,100	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
22,800	M2	GENERIC GRADING ITEM GEOGRID REINFORCEMENT	2,980	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
9,200	M2	GENERIC GRADING ITEM PERM TURF REINF MAT	1,390	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	GENERIC GRADING ITEM TEMPORARY BRIDGE APPROACH FILL STA 29+05.369 -L-WBL	1,330	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	LS	GENERIC GRADING ITEM TEMPORARY BRIDGE APPROACH FILL STA 29+08.861 -L-EBL	170	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
Lump Sum	LS	GENERIC GRADING ITEM TEMPORARY BRIDGE APPROACH FILL STA 29+12.986 -COL1-	50	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
1,940	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2,100	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
5,830	M2	FOUNDATION CONDITIONING FABRIC	15	MTN	GENERIC PAVING ITEM LIME FOR LIME MODIFIED SOIL
171.6	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS III	1,500	M2	GENERIC PAVING ITEM LIME MODIFIED SOIL
626.4	M	GENERIC PIPE ITEM 1200MM RC PIPE CULVERTS, CLASS III	538.2	M3	SUBDRAIN EXCAVATION
588	M	GENERIC PIPE ITEM 1200MM RC PIPE CULVERTS, CLASS IV	269.1	M3	SUBDRAIN FINE AGGREGATE
12	M	GENERIC PIPE ITEM 1800MM RC PIPE CULVERTS, CLASS III	650	M	150MM PERFORATED SUBDRAIN PIPE
154.8	M	GENERIC PIPE ITEM 1800MM RC PIPE CULVERTS, CLASS IV	5	EA	SUBDRAIN PIPE OUTLETS
682.8	M	GENERIC PIPE ITEM 400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	10	M	150MM OUTLET PIPE (SUBDRAINS)
50.4	M	GENERIC PIPE ITEM 450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	32.8	M3	ENDWALLS
			5.4	M3	REINFORCED ENDWALLS
			4.5	M3	PIPE COLLARS
			0.5	M3	PIPE PLUGS
			136	EA	MASONRY DRAINAGE STRUCTURES
			24.1	M3	MASONRY DRAINAGE STRUCTURES
			7.5	M	MASONRY DRAINAGE STRUCTURES
			1	EA	FRAME WITH GRATE, STD 840.22
			48	EA	FRAME WITH TWO GRATES, STD 840.20
			67	EA	FRAME WITH TWO GRATES, STD 840.22
			1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)

			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+00 -Y1-)
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (24+20 -RP1BD-)
2	EA	FRAME WITH COVER, STD 840.54	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (27+70 -Y1-)
640	M	750MM CONCRETE CURB & GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (28+30 -Y1-)
2,370	M	SHOULDER BERM GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (29+20 -COL2-)
4	EA	MODIFIED CONCRETE FLUME	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (31+75 -Y1-)
50	M	CONCRETE VALLEY GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+00 -Y1-)
25	M2	100MM CONCRETE PAVED DITCH	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (33+16 -COL2-)
250	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (35+10 -RP1BD-)
3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (37+90 -RP1BD-)
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (41+70-RP1BD)
4,503.42	M	STEEL BM GUARDRAIL	2	EA	SIGN ERECTION, TYPE D
10	EA	ADDITIONAL GUARDRAIL POSTS	52	EA	SIGN ERECTION, TYPE E
12	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III	1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
18	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	8	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
5	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	4	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
22	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	4	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
2,400	M	REMOVE EXISTING GUARDRAIL	14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2,100	M	DOUBLE FACED CABLE GUIDERAIL	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
10	EA	ADDITIONAL GUIDERAIL POSTS	1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
8	EA	CABLE GUIDERAIL ANCHOR UNITS	1	EA	DISPOSAL OF SIGN, D, E OR F
2,500	M	WOVEN WIRE FENCE, 1200MM FABRIC	35	M2	WORK ZONE SIGNS (STATIONARY)
532	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	43	M2	WORK ZONE SIGNS (PORTABLE)
112	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	16	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
3,650	M	CHAIN LINK FENCE, ****MM FABRIC (2100MM)	2	EA	FLASHING ARROW PANELS, TYPE C
995	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (2100MM)	2	EA	CHANGEABLE MESSAGE SIGN
45	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (2100MM)	200	EA	DRUMS
6	EA	METAL GATE POSTS FOR ****MM CHAIN LINK FENCE, DOUBLE GATE (2100MM)	146	M	BARRICADES (TYPE III)
150	M	ADDITIONAL BARBED WIRE	2	EA	TEMPORARY CRASH CUSHIONS
1	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (2100MM, 5350MM, 10700MM)	2	EA	RESET TEMPORARY CRASH CUSHIONS
2	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (2100MM, 7500MM, 15000MM)	2	EA	TMIA
140	M	CHAIN LINK FENCE RESET	3,322	M	PORTABLE CONCRETE BARRIER
245	MTN	RIP RAP, CLASS I	41	M	PORTABLE CONCRETE BARRIER (ANCHORED)
220	MTN	RIP RAP, CLASS II	1,200	M	PORTABLE CONCRETE BARRIER (DRAINAGE)
1,610	MTN	RIP RAP, CLASS B	4,102	M	RESET PORTABLE CONCRETE BARRIER
14,735	M2	FILTER FABRIC FOR DRAINAGE	500	HR	LAW ENFORCEMENT
5	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	22	EA	TUBULAR MARKERS (FIXED)
5	M3	REINFORCED CONCRETE SIGN FOUNDATIONS	450	EA	TEMPORARY RAISED PAVEMENT MARKERS
207	M3	OVERHEAD FOOTING	9,638	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
2,014	KG	SUPPORTS, BREAKAWAY STEEL BEAM	2,478	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
293	KG	SUPPORTS, SIMPLE STEEL BEAM	6,310	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)
333	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL	697	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (10+00 -RP1D-)	1,833	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (11+00 -Y1-)	751	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+04-LP2D)	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+20 -Y1-)	13	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (13+40-Y2-)	396	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+80 -Y1-)	41,532	M	PAINT PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+20-Y2-)			

			532	M	INDUCTIVE LOOP SAWCUT		
			3,007	M	LEAD-IN CABLE (***** (14-2)		
4,253	M	PAINT PAVEMENT MARKING LINES (150MM)	4	EA	900MHZ WIRELESS RADIO SYSTEM		
			8	EA	METAL STRAIN SIGNAL POLE		
968	M	PAINT PAVEMENT MARKING LINES (200MM)	8	EA	SOIL TEST		
680	M	PAINT PAVEMENT MARKING LINES (300MM)	42	M3	DRILLED PIER FOUNDATION		
			2	EA	SIGN FOR SIGNALS		
15	EA	PAINT PAVEMENT MARKING SYMBOL	2	EA	SIGNAL CABINET FOUNDATION		
201	M	POLYUREA PAVEMENT MARKING LINES (100MM, ***** (HIGHLY REFLECTIVE ELEMENTS)	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)		
1,814	M	POLYUREA PAVEMENT MARKING LINES (150MM, ***** (HIGHLY REFLECTIVE ELEMENTS)	8	EA	DETECTOR CARD (TYPE 2070L)		
			2	EA	CABINET BASE EXTENDER		
14	M	POLYUREA PAVEMENT MARKING LINES (200MM, ***** (HIGHLY REFLECTIVE ELEMENTS)			***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
210	M	POLYUREA PAVEMENT MARKING LINES (300MM, ***** (HIGHLY REFLECTIVE ELEMENTS)	1,911.6	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III		
5,408	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	555.6	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III		
96	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)	705.6	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III		
108	EA	PERMANENT RAISED PAVEMENT MARKERS	363.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III		
885	EA	SNOWPLOWABLE PAVEMENT MARKERS			*** OR ***		
44	EA	FLEXIBLE DELINEATORS (CRYSTAL)	144	M	GENERIC PIPE ITEM 375MM HDPE PIPE CULVERTS		
52	EA	FLEXIBLE DELINEATORS (YELLOW)	190.8	M	GENERIC PIPE ITEM 450MM HDPE PIPE CULVERTS		
Lump Sum	LS	PORTABLE LIGHTING	140.4	M	GENERIC PIPE ITEM 600MM HDPE PIPE CULVERTS		
122	M	ABANDON 200MM UTILITY PIPE	112.8	M	GENERIC PIPE ITEM 750MM HDPE PIPE CULVERTS		
1	EA	ABANDON UTILITY MANHOLE	1,767.6	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III		
32,800	M	TEMPORARY SILT FENCE	364.8	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III		
4,550	MTN	STONE FOR EROSION CONTROL, CLASS A	565.2	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III		
20,700	MTN	STONE FOR EROSION CONTROL, CLASS B	250.8	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III		
11,450	MTN	SEDIMENT CONTROL STONE			*** OR ***		
100	HA	TEMPORARY MULCHING	144	M	GENERIC PIPE ITEM 400MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK		
2,500	KG	SEED FOR TEMPORARY SEEDING	190.8	M	GENERIC PIPE ITEM 450MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK		
18	MTN	FERTILIZER FOR TEMPORARY SEED- ING	140.4	M	GENERIC PIPE ITEM 600MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK		
10,000	M	TEMPORARY SLOPE DRAINS	112.8	M	GENERIC PIPE ITEM 800MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 2.01MM THICK		
160	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	1,767.6	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III		
4,550	M	SAFETY FENCE	364.8	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III		
43,000	M3	SILT EXCAVATION	565.2	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III		
107,000	M2	MATTING FOR EROSION CONTROL	250.8	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III		
700	M2	COIR FIBER MAT			*** OR ***		
3,850	M2	PERMANENT SOIL REINFORCEMENT MAT	144	M	GENERIC PIPE ITEM 400MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK		
1,060	M	6.4MM HARDWARE CLOTH	190.8	M	GENERIC PIPE ITEM 450MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK		
30	M	TEMPORARY PIPE FOR STREAM CROSSING	140.4	M	GENERIC PIPE ITEM 600MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK		
748	M3	STILLING BASINS	112.8	M	GENERIC PIPE ITEM 800MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 2.01MM THICK		
10	EA	SPECIAL STILLING BASINS	1,767.6	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III		
3,000	M	COIR FIBER WATTLE	364.8	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III		
3,000	KG	POLYACRYLAMIDE (PAM)	565.2	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III		
5,000	M	COIR FIBER BAFFLES	250.8	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III		
1	EA	***MM SKIMMER (102MM)			*** END SCHEDULE AA ***		
35	EA	***MM SKIMMER (38MM)					
11	EA	***MM SKIMMER (51MM)					
6	EA	***MM SKIMMER (64MM)					
2	EA	***MM SKIMMER (76MM)					
150	HA	SEEDING & MULCHING					
100	HA	MOWING					
4,050	KG	SEED FOR REPAIR SEEDING					
13.5	MTN	FERTILIZER FOR REPAIR SEEDING					
3,375	KG	SEED FOR SUPPLEMENTAL SEEDING					
200	MTN	FERTILIZER TOPDRESSING					
370	M	IMPERVIOUS DIKE					
250	MHR	SPECIALIZED HAND MOWING					
200	EA	RESPONSE FOR EROSION CONTROL					
850	M3	CULVERT DIVERSION CHANNEL					
1.5	HA	REFORESTATION					
480	M	SIGNAL CABLE					
16	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (22+70.320-L-POT)		
412	M	MESSANGER CABLE (9.52MM)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (30+73.000-L-)		
5	M	PAVED TRENCHING (***** (1, 50MM)	1,016	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT		
421	M	UNPAVED TRENCHING (***** (1, 50MM)	1,756.7	M3	CLASS A CONCRETE (CULVERT)		
9	M	UNPAVED TRENCHING (***** (2, 50MM)	118,018	KG	REINFORCING STEEL (CULVERT)		
16	EA	JUNCTION BOX (STANDARD SIZE)					

WALL ITEMS

1,624 M2 MSE RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+60.500-RP1A-)					
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (28+66.746-COL2-)					
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (28+72.626-RP1BD-)					
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+34.958-Y1-LT)					
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+34.958-Y1-RT)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1 PART A, 34+21.044-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1 PART B, 34+21.044-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1 PART C, 34+21.044-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 12+10.929-LP1B-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,28+72.626-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2 PART A, 34+21.044-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2 PART B, 34+21.044-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2 PART C, 34+21.044-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 12+10.929-LP1B-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,28+72.626-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,28+66.746-COL2-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,28+72.626-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 14+60.500-RP1A-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,28+66.746-COL2-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,28+72.615-L-LT)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,28+72.626-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5,28+72.626-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (6,28+72.626-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (7,28+72.626-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (8,28+72.626-RP1BD-)					
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (9,28+72.626-RP1BD-)					
9	EA	PDA TESTING					
9	EA	PDA ASSISTANCE					
15,851.9	M2	REINFORCED CONCRETE DECK SLAB					
15,883.7	M2	GROOVING BRIDGE FLOORS					
3,049.2	M3	CLASS A CONCRETE (BRIDGE)					
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+10.929-LP1B-)					
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+60.500-RP1A-)					
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+34.958-Y1-LT)					
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+34.958-Y1-RT)					
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+66.746-COL2-)					
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+72.626-RP1BD-)					
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (34+21.044-RP1BD-)					
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+33.963-RP1BD-)					
285,269	KG	REINFORCING STEEL (BRIDGE)					
10,396	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)					
121.596	M	914MM PRESTRESSED CONCRETE GIRDERS					
272.828	M	1143MM PRESTRESSED CONCRETE GIRDERS					
960.68	M	1372MM PRESTRESSED CONCRETE GIRDERS					
2,891,200	LS	APPROX KG STRUCTURAL STEEL					
1,059	M	HP310X79 STEEL PILES					
13,541	M	HP360X108 STEEL PILES					
1,598	M	HP360X108 GALVANIZED STEEL PILES					
260	M	PP ** X *** GALVANIZED STEEL PILES (457MM X 12.7MM)					
268	EA	PILE REDRIVES					
2,205.857	M	CONCRETE BARRIER RAIL					
4,952.4	M2	100MM SLOPE PROTECTION					
984.6	M2	CLASS I, SURFACE PREPARATION					
178.4	M2	CLASS IA, SURFACE PREPARATION					
49.3	M2	CLASS II, SURFACE PREPARATION					
55.6	M3	LATEX MODIFIED CONC OVERLAY					
1,736.3	M2	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY					
3,443	MTN	RIP RAP CLASS II (600MM THICK)					
3,516	M2	FILTER FABRIC FOR DRAINAGE					
Lump Sum	LS	POT BEARINGS					
Lump Sum	LS	ELASTOMERIC BEARINGS					
Lump Sum	LS	EVAZOTE JOINT SEALS					
Lump Sum	LS	EXPANSION JOINT SEALS					
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS					
Lump Sum	LS	GENERIC STRUCTURE ITEM POST TENSIONING TENDONS					
39.372	M	GENERIC STRUCTURE ITEM ONE BAR RAIL REATTACHMENT					
11.7	M3	GENERIC STRUCTURE ITEM POST TENSIONING ENCASEMENT					
121.8	M3	GENERIC STRUCTURE ITEM PRESTRESS -41.4MPA CONCRETE					

