




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

November 23, 2010

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

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

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

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

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

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

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

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

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

WEBSITE: WWW.NCDOT.ORG

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

UPDATED NOVEMBER 23, 2010

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	JANUARY 15, 2011
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-2519A	13	YANCEY	US 19 EAST FROM SR 1336 TO NC 80	MAY 17, 2011
U-2519DA	6	CUMBERLAND	FAYETTEVILLE OUTER LOOP-FROM EAST OF SR 1415 (YADKIN ROAD) TO WEST OF NC-24 (BRAGG BOULEVARD)	JUNE 21, 2011
B-4183	13	MADISON	BRIDGE 29 OVER MIDDLE FORK CREEK ON SR 1526 AND BRIDGE 28 OVER CROOKED CREEK ON SR 1526	DECEMBER 20, 2011
R-2413C	7	GUILFORD ROCKINGHAM	NC 68 CONNECTOR -US 220 FROM THE HAW RIVER TO EXISTING NC 68/US 220 INTERSECTION	JANUARY 17, 2012



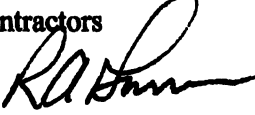
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September 2, 2010

NOTICE TO: All Prequalified Contractors

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

SUBJECT: Changes to NCDOT Minority Business Enterprise Qualifications

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

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

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

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

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

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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.




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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.

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May 18, 2010

NOTICE TO: All Prospective Bidders
FROM: R. A. Garris, P.E. 
State Contract Engineer
SUBJECT: Notification of Drum and Skinny-Drum Design Changes

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

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

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

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

If you have any questions, contact Stuart Bourne at 919 250-4094 or sbourne@ncdot.gov




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March 23, 2010

NOTICE TO: All Prospective Bidders

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

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

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

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

1) Basic Knowledge Document – Still under development

This document should be no more than 4 or 5 pages that will be available for download from the Work Zone Traffic Control web site. This information is intended for all employees.

2) Flagger Training requirement – Effective 7/1/2010

As of July 1, 2010 this program will require all flaggers to be trained to flag traffic by an approved training resource. A list of approved Flagger training courses and Flagger Trainer courses can be found on the following web site:

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

No on the job training (OJT) is required. Recertification is every 4 years.

3) Work Zone Installer – No formal implementation date

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

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

Every company will be required to have at least one Work Zone Supervisor that is responsible for the proper implementation of the Traffic Management Plan and any other safety and mobility aspects of a project. They will also be responsible for making sure all employees working inside the NCDOT right of way have training, appropriate to the job decisions each individual is required to make. Currently there are two approved training sources for the Work Zone Traffic Control Supervisor requirement: 1) The Institute of Transportation Research and Education (ITRE) contact Tim Baughman, PE 919-515-8654 tbb@unity.ncsu.edu 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




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November 17, 2009

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

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

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

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

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

If you have questions regarding this revision please contact Joel Howerton at 919-250-4128 or jhowerton@ncdot.gov.

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September 22, 2009

Notice To: Prospective Bidders and Material Suppliers

From: R.A. Garris, PE 
State Contract Officer

Subject: Counting of Material Costs for Meeting DBE, MBE or WBE Advertised Goals

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

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

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

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

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

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

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

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

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

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

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON JANUARY 18, 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 DECEMBER 21, 2010.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 16Oct2009)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<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	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Robert W Lewis, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L110118

RPN	Contract Id	WBS	County	Length	JobType
001	C202241	34430.3.3	CAMDEN	4.823 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.
002	C202679	1C.037030 ETC.	GATES	21.380 MI	WIDENING, MILLING, AND RESURFACING.
003	C202665	1CR.10281.12 ETC	DARE	17.090 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
004	C202680	3CR.10101.96 ETC	BRUNSWICK, NEW HANOVER, PENDER	31.110 MI	MILLING, RESURFACING, MILLED RUMBLE STRIPS & SHLDR RECONST.
005	C202632	39981.3.ST1	WAKE	1.331 MI	GRADING, DRAINAGE, PAVING, SIDEWLK, SIGNING, AND STRUCTURE.
006	C202667	43082 ETC.	WARREN, VANCE	20.192 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
007	C202676	5C.035044 ETC.	FRANKLIN, VANCE	29.150 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C202331	34431.3.7	LEE	4.357 MI	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURES.
009	C202669	8CR.10191.15 ETC	CHATHAM	33.640 MI	WIDENING, RESURFACING, RUMBLE STRIPS, AND SHOULDER RECONSTR.
010	C202670	8CR.10531.15 ETC	LEE	10.820 MI	WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.
011	C202671	8CR.10621.15 ETC	MONTGOMERY	29.460 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
012	C202674	8CR.10631.15 ETC	MOORE	56.610 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
013	C202672	8CR.10761.15 ETC	RANDOLPH	45.090 MI	MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
014	C202673	8CR.10771.15 ETC	RICHMOND	30.603 MI	MILLING, RESURFACING, MILLED RUMBLE STRIPS & SHLDR RECONST.
015	C202678	9CR.10301.8 ETC.	DAVIE, ROWAN	33.899 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
016	C202681	9CR.10341.8 ETC.	FORSYTH, STOKES	38.686 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
017	C202677	9CR.20851.8	STOKES	11.924 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
018	C202675	9CR.10291.8 ETC.	DAVIDSON	31.027 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
019	C202577	33426.3.1	CATAWBA	0.110 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.

Bid Letting Number L110215

RPN	Contract Id	WBS	County	Length	JobType
*001	C202591	35196.3.18 ETC.	CUMBERLAND	3.999 KM	GRADING, DRAINAGE, PAVING, SIGNING, WALLS, & STRUCTURES.
*002	C202618	35196.3.20	CUMBERLAND	4.360 KM	GRADING, DRAINAGE, PAVING, SIGNING, WALLS, & STRUCTURES.
*003	C202684	35196.3.18 ETC.	CUMBERLAND	8.359 KM	GRADING, DRAINAGE, PAVING, SIGNING, WALLS, AND STRUCTURES.

*NOTE: MANDATORY PRE-BID CONFERENCE ON JANUARY 20, 2011 AT 2:00PM AT CUMBERLAND COUNTY MAINTENANCE YARD 549 TRANSPORTATION DRIVE, FAYETTEVILLE, NC 28301 (910) 486-1421.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 001

CONTRACT ID : C202241 34430.3.3

DIV OFFICE EDENTON

LENGTH = 4.823 KM

COUNTY : CAMDEN

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : DEC 31 2013

US-158 FROM SOUTH OF SR-1139 TO EAST OF NC-34 IN BELCROSS.

ROADWAY ITEMS				
			1,266	MTN ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
			490	MTN ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	MOBILIZATION	9,650	M3 SUBDRAIN EXCAVATION
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	4,830	M3 SUBDRAIN FINE AGGREGATE
0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING	11,648	M 150MM PERFORATED SUBDRAIN PIPE
14,500	M3	UNCLASSIFIED EXCAVATION	78	EA SUBDRAIN PIPE OUTLETS
2,150	M3	UNDERCUT EXCAVATION	156	M 150MM OUTLET PIPE (SUBDRAINS)
29,100	M3	SHALLOW UNDERCUT	4	M3 ENDWALLS
116,100	MTN	CLASS IV SUBGRADE STABILIZATION	2	M3 PIPE COLLARS
88,500	M3	BORROW EXCAVATION	1	M3 PIPE PLUGS
28	EA	EMBANKMENT SETTLEMENT GAUGES	192	EA MASONRY DRAINAGE STRUCTURES
2,400	M3	DRAINAGE DITCH EXCAVATION	10	M MASONRY DRAINAGE STRUCTURES
9,300	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	39	EA FRAME WITH TWO GRATES, STD 840.16
4,525	M3	SELECT GRANULAR MATERIAL, CLASS III	1	EA FRAME WITH TWO GRATES, STD 840.24
70,600	M2	FABRIC FOR SOIL STABILIZATION	33	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
304	M2	TEMPORARY SHORING	48	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
45,250	M3	GENERIC GRADING ITEM MASS SOIL MIXING	71	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
10,450	M2	GENERIC GRADING ITEM NONWOVEN FABRIC FOR SOIL SEPARATION	5	EA CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
100	MTN	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	30	M *** X ***MM CONCRETE CURB (200MM X 400MM)
560	M	GENERIC GRADING ITEM IMPERVIOUS DIKE FOR MASS SOIL MIXING	1,400	M *** X ***MM CONCRETE CURB (200MM X 450MM)
5	EA	GENERIC GRADING ITEM CONTAMINATED WATER STORAGE VESSEL DAILY RENTAL	9,160	M 750MM CONCRETE CURB & GUTTER
2,340	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	580	M2 100MM CONCRETE SIDEWALK
5,120	M2	FOUNDATION CONDITIONING FABRIC	29	EA CONCRETE WHEELCHAIR RAMPS
18	M	*** X ***MM CAA STRUCTURAL PLATE PIPE ARCH, ***MM THICK (1524MM X 1168MM , 2.77MM)	600	M2 150MM CONCRETE DRIVEWAY
24	M	GENERIC PIPE ITEM 375MM DI PIPE	1,200	M2 125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
9.6	M	GENERIC PIPE ITEM 1500MM RC PIPE CULVERTS, CLASS III	434.34	M STEEL BM GUARDRAIL
14.4	M	GENERIC PIPE ITEM 300MM SIDE DRAIN PIPE	10	EA ADDITIONAL GUARDRAIL POSTS
78.4	M	GENERIC PIPE ITEM 375MM SIDE DRAIN PIPE	6	EA GUARDRAIL ANCHOR UNITS, TYPE CAT-1
24	M	GENERIC PIPE ITEM 600MM SIDE DRAIN PIPE	6	EA GUARDRAIL ANCHOR UNITS, TYPE 350
3	EA	GENERIC PIPE ITEM 375MM X 375MM X 375MM RC PIPE TEES, CLASS III	42	M REMOVE EXISTING GUARDRAIL
2	EA	GENERIC PIPE ITEM 450MM X 450MM X 375MM RC PIPE TEES, CLASS III	87.63	M TEMPORARY STEEL BM GUARDRAIL
1	EA	GENERIC PIPE ITEM 600MM X 600MM X 375MM RC PIPE TEES, CLASS III	6	EA GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
1,500	M	PIPE REMOVAL	230	M CHAIN LINK FENCE RESET
Lump Sum	LS	FINE GRADING	23	M GENERIC FENCING ITEM WOOD FENCE RESET
625	MTN	AGGREGATE BASE COURSE	185	MTN RIP RAP, CLASS I
1,000	MTN	INCIDENTAL STONE BASE	125	MTN RIP RAP, CLASS B
2,250	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	5,250	M2 FILTER FABRIC FOR DRAINAGE
26,500	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
440	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	610	M SUPPORTS, WOOD
23,150	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	7	EA SIGN ERECTION, TYPE D
1,720	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	52	EA SIGN ERECTION, TYPE E
21,100	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	21	EA SIGN ERECTION, TYPE F
2,449	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	75	EA DISPOSAL OF SIGN SYSTEM, WOOD
			57	M2 WORK ZONE SIGNS (STATIONARY)
			39	M2 WORK ZONE SIGNS (PORTABLE)
			13	M2 WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA FLASHING ARROW PANELS, TYPE C
			60	DAY CHANGEABLE MESSAGE SIGN (SHORT TERM)
			482	EA DRUMS
			482	EA CONES
			30	M BARRICADES (TYPE III)
			540	MD FLAGGER
			5	EA TEMPORARY CRASH CUSHIONS
			4	EA RESET TEMPORARY CRASH CUSHIONS
			2	EA TMIA
			772	M PORTABLE CONCRETE BARRIER
			16	HR LAW ENFORCEMENT

			300	M	SAFETY FENCE	
			10,800	M3	SILT EXCAVATION	
			12,900	M2	MATTING FOR EROSION CONTROL	
272	EA	TEMPORARY RAISED PAVEMENT MARKERS	200	M2	COIR FIBER MAT	
2,135	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	4,200	M	6.4MM HARDWARE CLOTH	
15,813	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	160	M	***MM TEMPORARY PIPE (450MM)	
500	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	50	M2	FLOATING TURBIDITY CURTAIN	
80	M	THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM)	275	M3	STILLING BASINS	
362	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	15	EA	SPECIAL STILLING BASINS	
23	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	100	M	WATTLE	
219	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	50	KG	POLYACRYLAMIDE (PAM)	
305	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)	2,000	M	COIR FIBER BAFFLES	
15,112	M	PAINT PAVEMENT MARKING LINES (100MM)	16	EA	***MM SKIMMER (38MM)	
80	M	PAINT PAVEMENT MARKING LINES (200MM)	30	HA	SEEDING & MULCHING	
100	M	PAINT PAVEMENT MARKING LINES (300MM)	30	HA	MOWING	
30	M	PAINT PAVEMENT MARKING LINES (400MM)	1,550	KG	SEED FOR REPAIR SEEDING	
246	M	PAINT PAVEMENT MARKING LINES (600MM)	5.25	MTN	FERTILIZER FOR REPAIR SEEDING	
4	EA	PAINT PAVEMENT MARKING CHARACTER	1,300	KG	SEED FOR SUPPLEMENTAL SEEDING	
29	EA	PAINT PAVEMENT MARKING SYMBOL	77	MTN	FERTILIZER TOPDRESSING	
3,061	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	460	M	IMPERVIOUS DIKE	
18	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)	20	MHR	SPECIALIZED HAND MOWING	
11	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	75	EA	RESPONSE FOR EROSION CONTROL	
989	EA	PERMANENT RAISED PAVEMENT MARKERS	5	HA	REFORESTATION	
Lump Sum	LS	PORTABLE LIGHTING	8,000	M3	GENERIC EROSION CONTROL ITEM BORROW PIT DEWATERING BASIN	
95	M	50MM WATER LINE	200	M	GENERIC EROSION CONTROL ITEM 1500MM TEMPORARY PIPE (AT MASS SOIL MIXING AREA)	
112	M	150MM WATER LINE	3	M3	CONCRETE STEPS	
228	M	200MM WATER LINE	2	EA	PEDESTRIAN SIGNAL HEAD (***MM, ** SECTION)	
716	M	250MM WATER LINE			(400MM, 1 SECTION W/COUNTDOWN)	
993	M	300MM WATER LINE	2,268	M	SIGNAL CABLE	
1	EA	50MM VALVE	16	EA	VEHICLE SIGNAL HEAD (300MM, 1 SECTION)	
2	EA	150MM VALVE	30	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	
1	EA	200MM VALVE	9	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)	
4	EA	250MM VALVE	9	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	
3	EA	300MM VALVE	516	M	MESSENGER CABLE (9.52MM)	
54	EA	RELOCATE WATER METER	628	M	UNPAVED TRENCHING (***** (1, 50MM)	
1	EA	RECONNECT WATER METER	32	M	UNPAVED TRENCHING (***** (2, 50MM)	
10	EA	RELOCATE FIRE HYDRANT	138	M	DIRECTIONAL DRILL (***** (2, 50MM)	
19	M	***MM FORCE MAIN SEWER (40MM)	177	M	DIRECTIONAL DRILL (***** (3, 50MM)	
268	M	***MM FORCE MAIN SEWER (75MM)	16	EA	JUNCTION BOX (STANDARD SIZE)	
30	M	50MM FORCE MAIN SEWER	10	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	
29	M	100MM FORCE MAIN SEWER	14	EA	WOOD POLE	
112	M	ABANDON ***MM UTILITY PIPE (50MM)	26	EA	GUY ASSEMBLY	
101	M	ABANDON 150MM UTILITY PIPE	3	EA	25MM RISER WITH WEATHERHEAD	
188	M	ABANDON 200MM UTILITY PIPE	11	EA	50MM RISER WITH WEATHERHEAD	
667	M	ABANDON 250MM UTILITY PIPE	1,459	M	INDUCTIVE LOOP SAWCUT	
899	M	ABANDON 300MM UTILITY PIPE	3,848	M	LEAD-IN CABLE (***** (14-2)	
63	M	TRENCHLESS INSTALLATION OF 75MM IN SOIL	6	EA	METAL POLE WITH SINGLE MAST ARM	
62	M	TRENCHLESS INSTALLATION OF 75MM NOT IN SOIL	2	EA	METAL POLE WITH DUAL MAST ARM	
64	M	TRENCHLESS INSTALLATION OF 250MM IN SOIL	8	EA	SOIL TEST	
64	M	TRENCHLESS INSTALLATION OF 250MM NOT IN SOIL	43	M3	DRILLED PIER FOUNDATION	
148	M	TRENCHLESS INSTALLATION OF 300MM IN SOIL	8	EA	MAST ARM WITH METAL POLE DESIGN	
147	M	TRENCHLESS INSTALLATION OF 300MM NOT IN SOIL	6	EA	SIGN FOR SIGNALS	
15,000	M	TEMPORARY SILT FENCE	3	EA	SIGNAL CABINET FOUNDATION	
4,070	MTN	STONE FOR EROSION CONTROL, CLASS A	3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
7,780	MTN	STONE FOR EROSION CONTROL, CLASS B	16	EA	DETECTOR CARD (TYPE 2070L)	
6,080	MTN	SEDIMENT CONTROL STONE	3	EA	CABINET BASE EXTENDER	
50	HA	TEMPORARY MULCHING	1	EA	BEACON CONTROLLER ASSEMBLY & CABINET (***** (F1)	
825	KG	SEED FOR TEMPORARY SEEDING	10	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION DETECTOR	
6.75	MTN	FERTILIZER FOR TEMPORARY SEEDING	3	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION PHASE SELECTOR	
1,000	M	TEMPORARY SLOPE DRAINS				
50	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
					***** BEGIN SCHEDULE AA *****	
					***** (2 ALTERNATES) *****	
			2,931.6	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III	
			1,353.6	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III	

740.4	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III
224.4	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III
25.2	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III
		*** OR ***
376.8	M	*****MM HDPE PIPE CULVERTS (375MM)
240	M	*****MM HDPE PIPE CULVERTS (450MM)
118.8	M	*****MM HDPE PIPE CULVERTS (600MM)
63.6	M	*****MM HDPE PIPE CULVERTS (750MM)
25.2	M	*****MM HDPE PIPE CULVERTS (900MM)
2,554.8	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III
1,113.6	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III
621.6	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III
160.8	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (55+81.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (73+49.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (89+00.500-L-)
Lump Sum	LS	GENERIC CULVERT ITEM ALUMINUM BOX CULVERT
Lump Sum	LS	GENERIC CULVERT ITEM FOUNDATION MATERIAL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 002

CONTRACT ID : C202679 1C.037030

DIV OFFICE EDENTON

LENGTH = 21.380 MI

COUNTY : GATES

WIDENING, MILLING, AND RESURFACING.

MBE GOAL 1.0% WBE 2.0% COMPLETION DATE : NOV 01 2011

2 SECTIONS OF US-158, 1 SECTION OF US-13 AND NC-37, AND 10 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
15	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
25	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT
58	TON	INCIDENTAL STONE BASE
8,593	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
45,056	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
2,490	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
16,570	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
9,538	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,721	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
764,523	LF	PAINT PAVEMENT MARKING LINES (4")
7,620	LF	PAINT PAVEMENT MARKING LINES (24")
818	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	TEMPORARY SILT FENCE
48	SY	COIR FIBER MAT
120	LF	WATTLE
10	LB	POLYACRYLAMIDE (PAM)
2.7	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 003

CONTRACT ID : C202665

1CR.10281.12

DIV OFFICE EDENTON

LENGTH = 17.090 MI

COUNTY : DARE

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 1.0% WBE 2.0% COMPLETION DATE : NOV 01 2011

2 SECTIONS OF US-64, 1 SECTION OF US-64/264, 2 SECTIONS OF NC-12 AND 1 SECTION OF NC-345.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
612	CY	BORROW EXCAVATION
55	TON	INCIDENTAL STONE BASE
30.7	SMI	SHOULDER RECONSTRUCTION
42,005	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
24,926	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,495	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
420	SY	GENERIC PAVING ITEM INCIDENTAL MILLING
2	EA	ADJUSTMENT OF DROP INLETS
4	EA	ADJUSTMENT OF MANHOLES
43	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
74	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
624,958	LF	PAINT PAVEMENT MARKING LINES (4")
12,300	LF	PAINT PAVEMENT MARKING LINES (12")
5,388	LF	PAINT PAVEMENT MARKING LINES (24")
1,166	EA	PERMANENT RAISED PAVEMENT MARKERS
1,500	LF	TEMPORARY SILT FENCE
160	SY	COIR FIBER MAT
400	LF	WATTLE
35	LB	POLYACRYLAMIDE (PAM)
13.21	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 004

CONTRACT ID : C202680

3CR.10101.96

DIV OFFICE WILMINGTON

LENGTH = 31.110 MI

COUNTY : BRUNSWICK, NEW HANOVER, PENDER

MILLING, RESURFACING, MILLED RUMBLE STRIPS & SHLDR RECONST.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 18 2011

VARIOUS SECTIONS OF US-17/421, US-17 BYPASS, US-17 BUS, US-117, NC-53 & NC-904 AND 7 SECTION OF SECONDARY ROADS.

Lump Sum		ROADWAY ITEMS				
	LS	MOBILIZATION		150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,817	CY	BORROW EXCAVATION		1,229	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
3,601	CY	GENERIC GRADING ITEM BORROW EXCAVATION (STATE FURNISHED SOURCES)		50	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
980	TON	INCIDENTAL STONE BASE		577	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
22.26	SMI	SHOULDER RECONSTRUCTION		377,793	LF	PAINT PAVEMENT MARKING LINES (4")
157,157	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		1,110	LF	PAINT PAVEMENT MARKING LINES (8")
24,693	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")		200	LF	PAINT PAVEMENT MARKING LINES (16")
77,228	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")		1,383	LF	PAINT PAVEMENT MARKING LINES (24")
13,644	SY	INCIDENTAL MILLING		40	EA	PAINT PAVEMENT MARKING CHARACTER
3,790	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		472	EA	PAINT PAVEMENT MARKING SYMBOL
46,217	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		4,250	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
11,397	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		1,800	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
630	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)		100	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
470	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		800	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
2,981	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		46	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
724	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22		798	EA	PERMANENT RAISED PAVEMENT MARKERS
2,850	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)		3,320	EA	SNOWPLOWABLE PAVEMENT MARKERS
905	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)		Lump Sum	LS	PORTABLE LIGHTING
3,565	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)		2,200	LF	TEMPORARY SILT FENCE
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		519	TON	STONE FOR EROSION CONTROL, CLASS B
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		716	TON	SEDIMENT CONTROL STONE
3	EA	FRAME WITH COVER, STD 840.54		25.81	ACR	TEMPORARY MULCHING
58	EA	RETROFIT EXISTING WHEELCHAIR RAMPS		180	SY	MATTING FOR EROSION CONTROL
5	EA	CONCRETE WHEELCHAIR RAMPS		841	LF	1/4" HARDWARE CLOTH
47	SY	GENERIC PAVING ITEM REMOVE & REPLACE 5' SIDEWALK		310	LF	WATTLE
80	SY	GENERIC PAVING ITEM INCIDENTAL CONCRETE		16.52	ACR	SEEDING & MULCHING
430	LF	GENERIC PAVING ITEM 2'-6" CURB & GUTTER, REMOVE & REPLACE		1,294	LB	SEED FOR REPAIR SEEDING
6	EA	ADJUSTMENT OF CATCH BASINS		6.47	TON	FERTILIZER FOR REPAIR SEEDING
88	EA	ADJUSTMENT OF MANHOLES		1,250	LF	SIGNAL CABLE
82	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		1	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
9	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF MONUMENTS		6	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
6,687.5	LF	STEEL BM GUARDRAIL		1,100	LF	PAVED TRENCHING (*****) (1, 2")
5	EA	ADDITIONAL GUARDRAIL POSTS		38	EA	JUNCTION BOX (STANDARD SIZE)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE III		12	EA	2" RISER WITH WEATHERHEAD
6,800	LF	REMOVE EXISTING GUARDRAIL		17,042	LF	INDUCTIVE LOOP SAWCUT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL		15,885	LF	LEAD-IN CABLE (*****) (14-2)
106,857	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
173,611	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
1,358	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
882	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110118 005

CONTRACT ID : C202632 39981.3.ST1

DIV OFFICE DURHAM

LENGTH = 1.331 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIDEWALK, SIGNING, AND STRUCTURE.

DBE GOAL 12.0% COMPLETION DATE : OCT 15 2011

EDWARDS MILL RD GREENWAY ON E SHLDR OF EDWARDS MILL RD FROM TRINITY RD TO EXTING REEDY
CRK RD GREENWAY ON REEDY CRK RD.

ROADWAY ITEMS				
		1,360	LF	GENERIC GUARDRAIL ITEM WOOD SAFETY RAIL
		4	EA	GENERIC GUARDRAIL ITEM METAL BOLLARD
		2	EA	GENERIC GUARDRAIL ITEM METAL HINGED BOLLARD
		111	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (60")
		9	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (60")
		4	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60")
		1	TON	RIP RAP, CLASS B
		255	SY	FILTER FABRIC FOR DRAINAGE
		417	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
		26	EA	SIGN ERECTION, TYPE E
		144	SF	WORK ZONE SIGNS (STATIONARY)
		872	SF	WORK ZONE SIGNS (PORTABLE)
		120	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
		2	EA	FLASHING ARROW PANELS, TYPE C
		2	EA	CHANGEABLE MESSAGE SIGN
		122	EA	DRUMS
		122	EA	CONES
		96	LF	BARRICADES (TYPE III)
		448	HR	FLAGGER
		2	EA	TMIA
		315	HR	LAW ENFORCEMENT
		209	EA	SKINNY DRUM
		191	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
		464	LF	PAINT PAVEMENT MARKING LINES (4")
		210	LF	PAINT PAVEMENT MARKING LINES (12")
		366	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
		10,600	LF	TEMPORARY SILT FENCE
		120	TON	STONE FOR EROSION CONTROL, CLASS A
		24	TON	SEDIMENT CONTROL STONE
		1,360	LF	SAFETY FENCE
		90	CY	SILT EXCAVATION
		800	SY	MATTING FOR EROSION CONTROL
		320	LF	1/4" HARDWARE CLOTH
		80	LF	WATTLE
		20	LB	POLYACRYLAMIDE (PAM)
		2.2	ACR	SEEDING & MULCHING
		4	EA	RESPONSE FOR EROSION CONTROL
				CULVERT ITEMS
		16.2	CY	CLASS A CONCRETE (CULVERT)
		1,130	LB	REINFORCING STEEL (CULVERT)
				WALL ITEMS
		10	CY	CLASS A CONCRETE (RETAINING WALL)
		382	LB	REINFORCING STEEL (RETAINING WALL)
		Lump Sum	LS	GENERIC RETAINING WALL ITEM TREE GRATE
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			CONSTRUCTION SURVEYING
40	CY			SHALLOW UNDERCUT
Lump Sum	LS			GRADING
1	ACR			SUPPLEMENTARY CLEARING & GRUB-BING
81	TON			CLASS IV SUBGRADE STABILIZATION
10	LF			BERM DITCH CONSTRUCTION
2	HR			PROOF ROLLING
154	SY			FABRIC FOR SOIL STABILIZATION
130	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
390	SY			FOUNDATION CONDITIONING FABRIC
28	LF			12" RC PIPE CULVERTS, CLASS III
944	LF			15" RC PIPE CULVERTS, CLASS III
116	LF			18" RC PIPE CULVERTS, CLASS III
52	LF			24" RC PIPE CULVERTS, CLASS III
28	LF			30" RC PIPE CULVERTS, CLASS III
2,170	TON			AGGREGATE BASE COURSE
2,145	GAL			PRIME COAT
1,150	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (2")
25	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
5	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
684	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
15	EA			MASONRY DRAINAGE STRUCTURES
3.6	LF			MASONRY DRAINAGE STRUCTURES
1	EA			FRAME WITH TWO GRATES, STD 840.16
2	EA			FRAME WITH TWO GRATES, STD 840.24
2	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
6	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
3	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
4	EA			FRAME WITH COVER, STD 840.54
220	LF			1'-6" CONCRETE CURB & GUTTER
2,600	LF			2'-6" CONCRETE CURB & GUTTER
2,570	SY			4" CONCRETE SIDEWALK
2	EA			RETROFIT EXISTING WHEELCHAIR RAMPS
10	EA			CONCRETE WHEELCHAIR RAMPS
20	SY			4" CONCRETE PAVED DITCH
40	SY			4" CONCRETE ISLAND COVERS
1	EA			CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
2	EA			CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
312.5	LF			STEEL BM GUARDRAIL
1	EA			GUARDRAIL ANCHOR UNITS, TYPE CAT-1
1	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
220	LF			REMOVE EXISTING GUARDRAIL
285	LF			GENERIC GUARDRAIL ITEM WOOD RUB RAIL BEHIND GUARDRAIL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 006

CONTRACT ID : C202667 43082

DIV OFFICE DURHAM

LENGTH = 20.192 MI

COUNTY : WARREN, VANCE

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

NC-58 FROM US-158 BUS TO NC-43 AND 6 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,141	CY	BORROW EXCAVATION
494	TON	INCIDENTAL STONE BASE
40.3	SMI	SHOULDER RECONSTRUCTION
2,586	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
700	SY	INCIDENTAL MILLING
7,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
5,816	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
4,931	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14,557	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,826	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4,350	TON	PATCHING EXISTING PAVEMENT
700	LF	REMOVE & RESET EXISTING GUARD- RAIL
216,814	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
132,990	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
25	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1,500	LF	PAINT PAVEMENT MARKING LINES (4")
3	EA	PAINT PAVEMENT MARKING SYMBOL
753	EA	PERMANENT RAISED PAVEMENT MARKERS
271	EA	SNOWPLOWABLE PAVEMENT MARKERS
2,450	LF	TEMPORARY SILT FENCE
40	LF	WATTLE
1	LB	POLYACRYLAMIDE (PAM)
25.32	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 007

CONTRACT ID : C202676 5C.035044

DIV OFFICE DURHAM

LENGTH = 29.150 MI

COUNTY : FRANKLIN, VANCE

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 04 2011

NC-561 FROM US-401 TO CENTERVILLE WESTERN TOWN LIMIT, AND 7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
3,143	CY	BORROW EXCAVATION
1,152	TON	INCIDENTAL STONE BASE
58.7	SMI	SHOULDER RECONSTRUCTION
179,360	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
12,050	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
3,922	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
15,009	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
16,193	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,112	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
2,722	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5,200	TON	PATCHING EXISTING PAVEMENT
313,654	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
239,846	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
454	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
40	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
7	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
287,820	LF	PAINT PAVEMENT MARKING LINES (4")
30	LF	PAINT PAVEMENT MARKING LINES (24")
3	EA	PAINT PAVEMENT MARKING SYMBOL
973	EA	PERMANENT RAISED PAVEMENT MARKERS
786	EA	SNOWPLOWABLE PAVEMENT MARKERS
4,300	LF	TEMPORARY SILT FENCE
100	LF	WATTLE
5	LB	POLYACRYLAMIDE (PAM)
40.56	ACR	SEEDING & MULCHING
500	LF	INDUCTIVE LOOP SAWCUT
200	LF	LEAD-IN CABLE (***** (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 008

CONTRACT ID : C202331 34431.3.7

DIV OFFICE ABERDEEN

LENGTH = 4.357 MI

COUNTY : LEE

GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, AND STRUCTURES.

MBE GOAL 6.0% WBE 7.0% COMPLETION DATE : OCT 01 2013

US-421 & NC-87 (SANFORD BYPASS) FROM WEST OF SR-1400 TO WEST OF US-1/15/501.

ROADWAY ITEMS					
			296	LF	GENERIC PIPE ITEM 42" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	MOBILIZATION	200	LF	GENERIC PIPE ITEM 48" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
5	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	100	LF	GENERIC PIPE ITEM 54" BIT COAT CS PIPE CULVERTS, TYPE B, 0.109" THICK
1,270,100	CY	UNCLASSIFIED EXCAVATION	744	LF	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (52+08.00-L-NBL)	25	EA	GENERIC PIPE ITEM 15" BIT COAT CS PIPE ELBOWS, TYPE B, 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (52+08.00-L-SBL)	16	EA	GENERIC PIPE ITEM 18" BIT COAT CS PIPE ELBOWS, TYPE B, 0.064" THICK
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (31+75.14-Y-)	3	EA	GENERIC PIPE ITEM 24" BIT COAT CS PIPE ELBOWS, TYPE B, 0.064" THICK
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (52+08.00-L- SBL)	2	EA	GENERIC PIPE ITEM 30" BIT COAT CS PIPE ELBOWS, TYPE B, 0.079" THICK
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (52+08.00-L-NBL)	2,748	LF	PIPE REMOVAL
10,000	CY	UNDERCUT EXCAVATION	210	SY	6" SLOPE PROTECTION
3,500	CY	SHALLOW UNDERCUT	Lump Sum	LS	FINE GRADING
6,300	TON	CLASS IV SUBGRADE STABILIZA- TION	93,820	SY	LIME TREATED SOIL (SLURRY METHOD)
11,730	CY	DRAINAGE DITCH EXCAVATION	940	TON	LIME FOR LIME TREATED SOIL
2,060	LF	BERM DITCH CONSTRUCTION	35	TON	#57 STONE
29,900	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	500	TON	STABILIZER AGGREGATE
5,280	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	122,400	TON	AGGREGATE BASE COURSE
40	HR	PROOF ROLLING	93,820	SY	SOIL CEMENT BASE
10,000	CY	SELECT GRANULAR MATERIAL	2,581	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE
23,300	SY	FABRIC FOR SOIL STABILIZATION	710	TON	AGGREGATE FOR SOIL CEMENT BASE
2,100	SY	ROCK PLATING	200	TON	INCIDENTAL STONE BASE
1,760	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	29,100	CY	SHOULDER BORROW
5,890	SY	FOUNDATION CONDITIONING FABRIC	11,568	GAL	PRIME COAT
171	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (24", 0.500", B)	940	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
165	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (54", 0.750", B)	14,500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
57	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (24", 0.500", B)	790	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
55	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (54", 0.750", B)	37,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
488	LF	GENERIC PIPE ITEM 12" CS PIPE CULVERTS, 0.064" THICK	2,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
984	LF	GENERIC PIPE ITEM 15" BIT COAT CS PIPE CULVERTS, TYPE B, 0.064" THICK	40,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
20	LF	GENERIC PIPE ITEM 15" CS PIPE CULVERTS, 0.064" THICK	2,580	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
128	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE	2,440	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
574	LF	GENERIC PIPE ITEM 18" BIT COAT CS PIPE CULVERTS, TYPE B, 0.064" THICK	140	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
40	LF	GENERIC PIPE ITEM 18" SIDE DRAIN PIPE	94,125	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
112	LF	GENERIC PIPE ITEM 24" BIT COAT CS PIPE CULVERTS, TYPE B, 0.064" THICK	40,000	SY	GENERIC PAVING ITEM GEOTEXTILE FOR PAVEMENT STABILIZATION
496	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS IV	120	EA	RIGHT OF WAY MARKERS
108	LF	GENERIC PIPE ITEM 30" BIT COAT CS PIPE CULVERTS, TYPE B, 0.079" THICK	2,520	CY	SUBDRAIN EXCAVATION
128	LF	GENERIC PIPE ITEM 42" BIT COAT CS PIPE CULVERTS, TYPE B, 0.109" THICK	1,260	CY	SUBDRAIN FINE AGGREGATE
			7,500	LF	6" PERFORATED SUBDRAIN PIPE
			15	EA	SUBDRAIN PIPE OUTLETS
			90	LF	6" OUTLET PIPE (SUBDRAINS)
			13,050	LF	SHOULDER DRAIN
			13,050	LF	4" SHOULDER DRAIN PIPE
			930	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
			30	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
			20	TON	BLOTTING SAND
			2	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
			23	CY	ENDWALLS

			20	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
30	CY	REINFORCED ENDWALLS	1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
8.61	CY	PIPE COLLARS	12	EA	SIGN ERECTION, MILEMARKERS
1	CY	PIPE PLUGS	4	EA	SIGN ERECTION, OVERLAY (OVER- HEAD)
31	CY	FLOWABLE FILL	5	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
131	EA	MASONRY DRAINAGE STRUCTURES	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
6.5	CY	MASONRY DRAINAGE STRUCTURES	4	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
53.8	LF	MASONRY DRAINAGE STRUCTURES	5	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4	EA	FRAME WITH GRATE, STD 840.22	7	EA	STOCKPILE SIGN, D, E OR F
8	EA	FRAME WITH TWO GRATES, STD 840.16	728	SF	WORK ZONE SIGNS (STATIONARY)
57	EA	FRAME WITH TWO GRATES, STD 840.22	528	SF	WORK ZONE SIGNS (PORTABLE)
52	EA	FRAME WITH TWO GRATES, STD 840.29	196	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	4	EA	CHANGEABLE MESSAGE SIGN
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	410	EA	DRUMS
4	EA	FRAME WITH COVER, STD 840.54	100	EA	CONES
8	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS	312	LF	BARRICADES (TYPE III)
1	EA	*** SLUICE GATE (8")	150	MD	FLAGGER
1	EA	GENERIC DRAINAGE ITEM 6" DRAW DOWN PIPE	2	EA	TEMPORARY CRASH CUSHIONS
2.020	LF	2'-6" CONCRETE CURB & GUTTER	2	EA	RESET TEMPORARY CRASH CUSHIONS
14.895	LF	SHOULDER BERM GUTTER	2	EA	TMIA
1	EA	MODIFIED CONCRETE FLUME	5,960	LF	PORTABLE CONCRETE BARRIER
15	SY	6" CONCRETE DRIVEWAY	1,000	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
580	SY	4" CONCRETE PAVED DITCH	1,421	LF	RESET PORTABLE CONCRETE BAR- RIER
1,550	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	120	HR	LAW ENFORCEMENT
3	EA	ADJUSTMENT OF DROP INLETS	1,950	EA	TEMPORARY RAISED PAVEMENT MARKERS
1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING JUNCTION BOX TO OPEN THROAT CATCH BASIN	140,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
21,500	LF	STEEL BM GUARDRAIL	21,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
10	EA	ADDITIONAL GUARDRAIL POSTS	12,002	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
21	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
22	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	26	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
13	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	2,269	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (I)
4,405	LF	REMOVE EXISTING GUARDRAIL	4,221	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
19,870	LF	DOUBLE FACED CABLE GUIDERAIL	12	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)
10	EA	ADDITIONAL GUIDERAIL POSTS	4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (I)
26	EA	CABLE GUIDERAIL ANCHOR UNITS	2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (I)
43,320	LF	WOVEN WIRE FENCE, 47" FABRIC	370,050	LF	PAINT PAVEMENT MARKING LINES (4")
2,710	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	22,510	LF	PAINT PAVEMENT MARKING LINES (8")
720	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	428	LF	PAINT PAVEMENT MARKING LINES (24")
500	LF	ADDITIONAL BARBED WIRE	16	EA	PAINT PAVEMENT MARKING CHARAC- TER
2,400	TON	RIP RAP, CLASS I	40	EA	PAINT PAVEMENT MARKING SYMBOL
100	TON	RIP RAP, CLASS II	14,728	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2,350	TON	RIP RAP, CLASS B	114	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
130	TON	BOULDERS	1,205	EA	PERMANENT RAISED PAVEMENT MARKERS
15,525	SY	FILTER FABRIC FOR DRAINAGE	246	EA	FLEXIBLE DELINEATORS (CRYSTAL)
12	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	232	EA	FLEXIBLE DELINEATORS (YELLOW)
32	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS	10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
2	CY	PLAIN CONCRETE SIGN FOUNDA- TIONS	10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
40	CY	OVERHEAD FOOTING	2,046	LF	12" WATER LINE
11,252	LB	SUPPORTS, BREAKAWAY STEEL BEAM	2	EA	12" TAPPING VALVE
12,930	LB	SUPPORTS, SIMPLE STEEL BEAM	2	EA	12" LINE STOP
2,610	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	2,035	LF	ABANDON 12" UTILITY PIPE
12	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	310	LF	16" ENCASUREMENT PIPE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (17+39 (METRIC) US 15/501)	75	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (227+36 US 421)			
6	EA	SIGN ERECTION, TYPE D			
58	EA	SIGN ERECTION, TYPE E			
83	EA	SIGN ERECTION, TYPE F			
9	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (A)			

75	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
20,000	LF	TEMPORARY SILT FENCE
4,000	TON	STONE FOR EROSION CONTROL, CLASS A
13,600	TON	STONE FOR EROSION CONTROL, CLASS B
8,700	TON	SEDIMENT CONTROL STONE
150	ACR	TEMPORARY MULCHING
5,650	LB	SEED FOR TEMPORARY SEEDING
24.5	TON	FERTILIZER FOR TEMPORARY SEEDING
10,000	LF	TEMPORARY SLOPE DRAINS
120	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
8,000	LF	SAFETY FENCE
40,350	CY	SILT EXCAVATION
104,500	SY	MATTING FOR EROSION CONTROL
2,220	SY	COIR FIBER MAT
4,030	SY	PERMANENT SOIL REINFORCEMENT MAT
10,125	LF	1/4" HARDWARE CLOTH
80	LF	TEMPORARY PIPE FOR STREAM CROSSING
275	CY	STILLING BASINS
15,325	LF	COIR FIBER WATTLE
9,200	LB	POLYACRYLAMIDE (PAM)
12,500	LF	COIR FIBER BAFFLES
37	EA	*** SKIMMER (1-1/2")
1	EA	*** SKIMMER (4")
150	ACR	SEEDING & MULCHING
150	ACR	MOWING
2,200	LB	SEED FOR REPAIR SEEDING
6.75	TON	FERTILIZER FOR REPAIR SEEDING
4,150	LB	SEED FOR SUPPLEMENTAL SEEDING
124	TON	FERTILIZER TOPDRESSING
240	LF	IMPERVIOUS DIKE
200	MHR	SPECIALIZED HAND MOWING
50	EA	RESPONSE FOR EROSION CONTROL
1,000	CY	CULVERT DIVERSION CHANNEL
10	ACR	REFORESTATION
3,220	LF	SIGNAL CABLE
23	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
285	LF	MESSENGER CABLE (1/4")
1,400	LF	MESSENGER CABLE (3/8")
830	LF	UNPAVED TRENCHING (*****) (1, 2")
6	EA	JUNCTION BOX (STANDARD SIZE)
8	EA	WOOD POLE
16	EA	GUY ASSEMBLY
3	EA	1" RISER WITH WEATHERHEAD
12	EA	2" RISER WITH WEATHERHEAD
2,020	LF	INDUCTIVE LOOP SAWCUT
5,580	LF	LEAD-IN CABLE (*****) (14-2)
4	EA	METAL STRAIN SIGNAL POLE
4	EA	SOIL TEST
32	CY	DRILLED PIER FOUNDATION
6	EA	SIGN FOR SIGNALS
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
8	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER
1	EA	TRAFFIC SIGNAL REMOVAL

***** BEGIN SCHEDULE AA *****
 ***** (3 ALTERNATES) *****

5,880	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III
1,744	LF	GENERIC PIPE ITEM 18" RC PIPE CULVERTS, CLASS III
2,006	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III
1,236	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III
836	LF	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS III

228	LF	GENERIC PIPE ITEM 42" RC PIPE CULVERTS, CLASS III
		*** OR ***
772	LF	***" HDPE PIPE CULVERTS (15")
560	LF	***" HDPE PIPE CULVERTS (18")
660	LF	***" HDPE PIPE CULVERTS (24")
296	LF	***" HDPE PIPE CULVERTS (30")
104	LF	***" HDPE PIPE CULVERTS (36")
48	LF	***" HDPE PIPE CULVERTS (42")
5,108	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III
1,184	LF	GENERIC PIPE ITEM 18" RC PIPE CULVERTS, CLASS III
1,346	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III
940	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III
732	LF	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS III
180	LF	GENERIC PIPE ITEM 42" RC PIPE CULVERTS, CLASS III
		*** OR ***
772	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
560	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")
660	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")
296	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (30", 0.079")
104	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (36", 0.079")
48	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (42", 0.109")
5,108	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III
1,184	LF	GENERIC PIPE ITEM 18" RC PIPE CULVERTS, CLASS III
1,346	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III
940	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III
732	LF	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS III
180	LF	GENERIC PIPE ITEM 42" RC PIPE CULVERTS, CLASS III

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (105+20.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (120+57.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (142+67.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (177+29.00-L-)
746	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1,082.6	CY	CLASS A CONCRETE (CULVERT)

152,557 LB REINFORCING STEEL (CULVERT)

WALL ITEMS

9,200 SF GENERIC RETAINING WALL ITEM
MSE RETAINING WALL #1
8,100 SF GENERIC RETAINING WALL ITEM
MSE RETAINING WALL #2

STRUCTURE ITEMS

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(1, 47+80.13-L-)

360 LF PILE EXCAVATION IN SOIL
565 LF PILE EXCAVATION NOT IN SOIL

Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-
TION AT STATION *****
(52+08.00-L-NBL)

Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-
TION AT STATION *****
(52+08.00-L-SBL)

62,022 SF REINFORCED CONCRETE DECK SLAB
66,033 SF GROOVING BRIDGE FLOORS
909.7 CY CLASS A CONCRETE (BRIDGE)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(137+42.08-L-NBL)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(137+42.08-L-SBL)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(47+80.13-L-)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(52+08.00-L-NBL)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(52+08.00-L-SBL)

130,079 LB REINFORCING STEEL (BRIDGE)
2,678 LB SPIRAL COLUMN REINFORCING
STEEL (BRIDGE)

3,600,600 LS APPROX LBS STRUCTURAL
STEEL

2,850 LF HP12X53 STEEL PILES
2,234.62 LF CONCRETE BARRIER RAIL
4,611 SY 4" SLOPE PROTECTION
1,285 TON RIP RAP CLASS II (2'-0" THICK)
1,428 SY FILTER FABRIC FOR DRAINAGE

Lump Sum LS POT BEARINGS
Lump Sum LS ELASTOMERIC BEARINGS
Lump Sum LS EVAZOTE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 009

CONTRACT ID : C202669

8CR.10191.15

DIV OFFICE ABERDEEN

LENGTH = 33.640 MI

COUNTY : CHATHAM

WIDENING, RESURFACING, RUMBLE STRIPS, AND SHOULDER RECONSTR.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : SEP 30 2011

US-421 FROM US-64 TO THE RANDOLPH COUNTY LINE AND 10 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,006	CY	BORROW EXCAVATION
1,690	TON	INCIDENTAL STONE BASE
67.4	SMI	SHOULDER RECONSTRUCTION
1,375	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
4,525	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
16,230	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
53,760	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,925	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,632	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3,226	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,325	TON	PATCHING EXISTING PAVEMENT
176,986	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
400	TON	GENERIC PAVING ITEM JOINT REPAIR
3,940	SY	GENERIC PAVING ITEM INCIDENTAL MILLING
1	EA	ADJUSTMENT OF CATCH BASINS
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
101,574	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
105,504	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
92,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
114,304	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
2,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
13	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
358,310	LF	PAINT PAVEMENT MARKING LINES (4")
198,270	LF	PAINT PAVEMENT MARKING LINES (6")
1	EA	PAINT PAVEMENT MARKING SYMBOL
1,981	EA	PERMANENT RAISED PAVEMENT MARKERS
3,683	LF	TEMPORARY SILT FENCE
590	LF	WATTLE
46.82	ACR	SEEDING & MULCHING
2,360	LB	SEED FOR REPAIR SEEDING
13.75	TON	FERTILIZER FOR REPAIR SEEDING
400	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 010

CONTRACT ID : C202670

8CR.10531.15

DIV OFFICE ABERDEEN

LENGTH = 10.820 MI

COUNTY : LEE

WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 30 2011

NC-42 FROM SR-1322 TO SR-1237 AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,650	CY	BORROW EXCAVATION
625	TON	INCIDENTAL STONE BASE
17.9	SMI	SHOULDER RECONSTRUCTION
1,935	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
5,215	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
11,590	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,149	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
595	TON	PATCHING EXISTING PAVEMENT
4,620	SY	GENERIC PAVING ITEM
		INCIDENTAL MILLING
18	EA	ADJUSTMENT OF MANHOLES
17	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM
		TRAFFIC CONTROL
61,660	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
61,674	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
740	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
480	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
885	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
42	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
107	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
142,528	LF	PAINT PAVEMENT MARKING LINES (4")
540	EA	PERMANENT RAISED PAVEMENT MARKERS
964	LF	TEMPORARY SILT FENCE
180	LF	WATTLE
13.01	ACR	SEEDING & MULCHING
720	LB	SEED FOR REPAIR SEEDING
4.75	TON	FERTILIZER FOR REPAIR SEEDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 011

CONTRACT ID : C202671 8CR.10621.15

DIV OFFICE ABERDEEN

LENGTH = 29.460 MI

COUNTY : MONTGOMERY

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 30 2011

3 SECTIONS OF US-220A, 1 SECTION OF NC-731, NC-109, AND NC-73 AND 8 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,480	CY	BORROW EXCAVATION
750	TON	INCIDENTAL STONE BASE
22.8	SMI	SHOULDER RECONSTRUCTION
135,798	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
31,420	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,275	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,423	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
141,738	SY	ASPHALT SURFACE TREATMENT, STRAIGHT SEAL
3,897	SY	GENERIC PAVING ITEM INCIDENTAL MILLING
37	EA	ADJUSTMENT OF MANHOLES
31	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
166,329	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
161,939	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,279	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
618	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
941	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
54	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
121	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
560,219	LF	PAINT PAVEMENT MARKING LINES (4")
300	LF	PAINT PAVEMENT MARKING LINES (16")
552	LF	PAINT PAVEMENT MARKING LINES (24")
48	EA	PAINT PAVEMENT MARKING CHARAC- TER
2,245	EA	PERMANENT RAISED PAVEMENT MARKERS
1,680	LF	TEMPORARY SILT FENCE
90	SY	MATTING FOR EROSION CONTROL
620	LF	WATTLE
16.74	ACR	SEEDING & MULCHING
905	LB	SEED FOR REPAIR SEEDING
6	TON	FERTILIZER FOR REPAIR SEEDING
1,760	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 012

CONTRACT ID : C202674

8CR.10631.15

DIV OFFICE ABERDEEN

LENGTH = 56.610 MI

COUNTY : MOORE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 30 2011

1 SECTION OF NC-211, NC-24/27, NC-690, AND NC-2, AND 17 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,180	CY	BORROW EXCAVATION
4,295	TON	INCIDENTAL STONE BASE
33.05	SMI	SHOULDER RECONSTRUCTION
24,430	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
47,855	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
4,576	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,576	TON	PATCHING EXISTING PAVEMENT
13,900	SY	GENERIC PAVING ITEM INCIDENTAL MILLING
2	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
237,642	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
197,333	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
71	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
53	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,230,684	LF	PAINT PAVEMENT MARKING LINES (4")
1,727	EA	PERMANENT RAISED PAVEMENT MARKERS
1,649	LF	TEMPORARY SILT FENCE
94	TON	STONE FOR EROSION CONTROL, CLASS B
94	TON	SEDIMENT CONTROL STONE
4	ACR	TEMPORARY MULCHING
30	SY	MATTING FOR EROSION CONTROL
260	LF	WATTLE
24.27	ACR	SEEDING & MULCHING
826	LB	SEED FOR REPAIR SEEDING
6	TON	FERTILIZER FOR REPAIR SEEDING
2,000	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 013

CONTRACT ID : C202672 8CR.10761.15

DIV OFFICE ABERDEEN

LENGTH = 45.090 MI

COUNTY : RANDOLPH

MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 30 2011

VARIOUS SECTIONS OF US-220 SB, US-311, US-421, NC-22, NC-42, NC-705 AND 34 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS		2,995	LB	SEED FOR REPAIR SEEDING
		27.5	TON	FERTILIZER FOR REPAIR SEEDING
		7,850	LF	INDUCTIVE LOOP SAWCUT
Lump Sum	LS			MOBILIZATION
2,392	CY			BORROW EXCAVATION
4,174	TON			INCIDENTAL STONE BASE
84.88	SMI			SHOULDER RECONSTRUCTION
23,283	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
19,940	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
20,690	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (3")
19,479	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (5")
3,810	SY			MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
2,945	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
1,700	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
2,985	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
26,740	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
11,445	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C
21,375	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,339	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
686	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
3,915	TON			PATCHING EXISTING PAVEMENT
64,415	LF			MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
225	TON			GENERIC PAVING ITEM JOINT REPAIR
6,960	SY			GENERIC PAVING ITEM INCIDENTAL MILLING
6	EA			ADJUSTMENT OF CATCH BASINS
46	EA			ADJUSTMENT OF MANHOLES
50	EA			ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS			GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
167,274	LF			THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
203,357	LF			THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
33,550	LF			THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
41,602	LF			THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
2,935	LF			THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF			THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
886	LF			THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
41	EA			THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
100	EA			THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
922,537	LF			PAINT PAVEMENT MARKING LINES (4")
75,152	LF			PAINT PAVEMENT MARKING LINES (6")
300	LF			PAINT PAVEMENT MARKING LINES (8")
26	EA			PAINT PAVEMENT MARKING SYMBOL
3,166	EA			PERMANENT RAISED PAVEMENT MARKERS
4,715	LF			TEMPORARY SILT FENCE
1,140	LF			WATTLE
61.76	ACR			SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 014

CONTRACT ID : C202673 8CR.10771.15

DIV OFFICE ABERDEEN

LENGTH = 30.603 MI

COUNTY : RICHMOND

MILLING, RESURFACING, MILLED RUMBLE STRIPS & SHLDR RECONST.

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

VARIOUS SECTIONS OF US-1, US-74, US-74 BUS & US-220 AND 18 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
309,157	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
35,010	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
15,620	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,117	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
13,728	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
4,573	SY	GENERIC PAVING ITEM INCIDENTAL MILLING
107	EA	ADJUSTMENT OF MANHOLES
106	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
123,001	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
154,908	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3,382	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,759	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,089	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
58	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
312	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
720,646	LF	PAINT PAVEMENT MARKING LINES (4")
1,500	LF	PAINT PAVEMENT MARKING LINES (8")
1,193	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARAC- TER
2	EA	PAINT PAVEMENT MARKING SYMBOL
2,962	EA	PERMANENT RAISED PAVEMENT MARKERS
9,600	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 015

CONTRACT ID : C202678 9CR.10301.8

DIV OFFICE WINSTON-SALEM

LENGTH = 33.899 MI

COUNTY : DAVIE, ROWAN

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

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

2 SECTIONS OF NC-801, 1 SECTION OF US-64, US-601, AND 9 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,764	CY	BORROW EXCAVATION
1,623	TON	INCIDENTAL STONE BASE
62.74	SMI	SHOULDER RECONSTRUCTION
15,898	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
17,077	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
334	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2")
30,325	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
275	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
16,774	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,839	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,006	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
280	TON	PATCHING EXISTING PAVEMENT
8	EA	ADJUSTMENT OF DROP INLETS
32	EA	ADJUSTMENT OF MANHOLES
18	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
200	HR	LAW ENFORCEMENT
337,892	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
375,842	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
185	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
623	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
59	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
375,842	LF	PAINT PAVEMENT MARKING LINES (4")
623	LF	PAINT PAVEMENT MARKING LINES (24")
20	EA	PAINT PAVEMENT MARKING CHARAC- TER
59	EA	PAINT PAVEMENT MARKING SYMBOL
1,112	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
13,558	LF	TEMPORARY SILT FENCE
1,200	LF	WATTLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 016

CONTRACT ID : C202681 9CR.10341.8

DIV OFFICE WINSTON-SALEM

LENGTH = 38.686 MI

COUNTY : FORSYTH, STOKES

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 31 2011

NC-66 FROM I-40 BUS, NC-67 FROM N OF I-40 BUS TO REYNOLDA RD INT, 1SECTION OF NC-8, & 11 SECTIONS OF SECONDARY RDS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,467	CY	BORROW EXCAVATION
1,062	TON	INCIDENTAL STONE BASE
74.56	SMI	SHOULDER RECONSTRUCTION
14,561	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
212,770	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3-1/2")
45,623	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
4,984	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2")
1,500	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1-1/2" TO 3-1/2")
28,687	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
68,365	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
7,093	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,450	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
426	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
380	TON	PATCHING EXISTING PAVEMENT
100,625	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
21	EA	ADJUSTMENT OF DROP INLETS
96	EA	ADJUSTMENT OF MANHOLES
177	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
330	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
446,779	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
351,825	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
8,403	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
570	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,798	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
104	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
410	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
365,195	LF	PAINT PAVEMENT MARKING LINES (4")
2,535	LF	PAINT PAVEMENT MARKING LINES (8")
50	LF	PAINT PAVEMENT MARKING LINES (16")
2,331	LF	PAINT PAVEMENT MARKING LINES (24")
72	EA	PAINT PAVEMENT MARKING CHARAC- TER
299	EA	PAINT PAVEMENT MARKING SYMBOL
1,914	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
13,794	LF	TEMPORARY SILT FENCE
1,800	LF	WATTLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 017

CONTRACT ID : C202677 9CR.20851.8

DIV OFFICE WINSTON-SALEM

LENGTH = 11.924 MI

COUNTY : STOKES

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 31 2011

SR-1236 (OLD US-52) FROM FORSYTH COUNTY TO PAVEMENT JOINT AT VOLUNTEER ROAD AT THE SURRY COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,431	CY	BORROW EXCAVATION
450	TON	INCIDENTAL STONE BASE
23.85	SMI	SHOULDER RECONSTRUCTION
507	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,687	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
16,039	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
962	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF MANHOLES
15	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
128,302	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
131,845	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
364	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
25	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
131,845	LF	PAINT PAVEMENT MARKING LINES (4")
880	LF	PAINT PAVEMENT MARKING LINES (8")
400	LF	PAINT PAVEMENT MARKING LINES (16")
364	LF	PAINT PAVEMENT MARKING LINES (24")
16	EA	PAINT PAVEMENT MARKING CHARAC- TER
25	EA	PAINT PAVEMENT MARKING SYMBOL
787	EA	SNOWPLOWABLE PAVEMENT MARKERS
4,770	LF	TEMPORARY SILT FENCE
400	LF	WATTLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L110118 018

CONTRACT ID : C202675 9CR.10291.8

DIV OFFICE WINSTON-SALEM

LENGTH = 31.027 MI

COUNTY : DAVIDSON

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

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

US-64 FROM DAVIE CO LINE BRIDGE TO I-85 BUS, NC-109 FROM S OF KLOPMAN MILL RD TO NC-49 RAMPS & 6 SEC OF SECONDARY RDS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,494	CY	BORROW EXCAVATION
1,320	TON	INCIDENTAL STONE BASE
58.22	SMI	SHOULDER RECONSTRUCTION
8,309	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
36,049	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
33,707	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
13,899	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,021	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
834	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
180	TON	PATCHING EXISTING PAVEMENT
8	EA	ADJUSTMENT OF DROP INLETS
39	EA	ADJUSTMENT OF MANHOLES
80	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
100	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
309,688	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
323,766	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,440	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
997	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
193	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
838	EA	SNOWPLOWABLE PAVEMENT MARKERS
11,659.6	LF	TEMPORARY SILT FENCE
800	LF	WATTLE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110118 019

CONTRACT ID : C202577 33426.3.1

DIV OFFICE SHELBY

LENGTH = 0.110 MI

COUNTY : CATAWBA

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2011

CULVERT OVER PINCH GUT CREEK AND APPROACHES ON SR-1880.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
100	CY	SHALLOW UNDERCUT
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
350	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
200	TON	CLASS IV SUBGRADE STABILIZATION
2,020	CY	BORROW EXCAVATION
336	CY	DRAINAGE DITCH EXCAVATION
950	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
30	SY	FOUNDATION CONDITIONING FABRIC
64	LF	15" DRAINAGE PIPE
60	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
190	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
320	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
45	CY	SUBDRAIN EXCAVATION
34	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
150	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
50	TON	RIP RAP, CLASS I
20	TON	RIP RAP, CLASS II
56	TON	RIP RAP, CLASS B
730	SY	FILTER FABRIC FOR DRAINAGE
28	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
361	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
1,090	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,090	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
9	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,100	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
70	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
315	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
240	CY	SILT EXCAVATION
2,400	SY	MATTING FOR EROSION CONTROL
400	SY	COIR FIBER MAT
150	LF	1/4" HARDWARE CLOTH
170	CY	STILLING BASINS

500	LF	WATTLE
300	LB	POLYACRYLAMIDE (PAM)
350	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
210	LF	IMPERVIOUS DIKE
20	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
150	CY	CULVERT DIVERSION CHANNEL
0.2	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+52.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (13+52.00-L-)
147	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
319.7	CY	CLASS A CONCRETE (CULVERT)
52,650	LB	REINFORCING STEEL (CULVERT)
110	TON	GENERIC CULVERT ITEM BOULDERS
420	SY	GENERIC CULVERT ITEM COIR FIBER MAT (STRUCTURES)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110215 001

CONTRACT ID : C202591 35196.3.18

DIV OFFICE FAYETTEVILLE

LENGTH = 3,999 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING, WALLS, & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : APR 15 2014

I-295 (FAYETTEVILLE OUTER LOOP) FROM NC-87/210 (MURCHISON RD) TO SR-1600 (MCARTHUR RD).

ROADWAY ITEMS				
		5,450	MTN	STABILIZER AGGREGATE
		23,200	MTN	AGGREGATE BASE COURSE
		675	MTN	INCIDENTAL STONE BASE
		33,005	L	PRIME COAT
		340	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
		6,900	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
		7,270	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
		2,900	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
		970	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
		745	M3	SUBDRAIN EXCAVATION
		373	M3	SUBDRAIN FINE AGGREGATE
		900	M	150MM PERFORATED SUBDRAIN PIPE
		7	EA	SUBDRAIN PIPE OUTLETS
		14	M	150MM OUTLET PIPE (SUBDRAINS)
		11.6	M3	ENDWALLS
		7.2	M3	REINFORCED ENDWALLS
		0.4	M3	PIPE COLLARS
		0.05	M3	PIPE PLUGS
		7	M3	FLOWABLE FILL
		122	EA	MASONRY DRAINAGE STRUCTURES
		49.94	M	MASONRY DRAINAGE STRUCTURES
		1	EA	FRAME WITH GRATE, STD 840.22
		16	EA	FRAME WITH TWO GRATES, STD 840.20
		66	EA	FRAME WITH TWO GRATES, STD 840.22
		3	EA	FRAME WITH TWO GRATES, STD 840.24
		4	EA	FRAME WITH TWO GRATES, STD 840.29
		3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
		8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
		13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
		8	EA	FRAME WITH COVER, STD 840.54
		7	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
		1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
		1,170	M	450MM CONCRETE CURB & GUTTER
		220	M	750MM CONCRETE CURB & GUTTER
		55	M	SHOULDER BERM GUTTER
		480	M	CONCRETE VALLEY GUTTER
		30	M2	100MM CONCRETE PAVED DITCH
		590	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
		100	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
		525.78	M	STEEL BM GUARDRAIL
		30	M	STEEL BM GUARDRAIL, SHOP CURVED
		6	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
		20	EA	ADDITIONAL GUARDRAIL POSTS
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
		8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
		5	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
		72.39	M	TEMPORARY STEEL BM GUARDRAIL
		2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
		9,230	M	WOVEN WIRE FENCE, 1200MM FABRIC
		1,940	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
		440	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
		30	M	ADDITIONAL BARBED WIRE
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			CONSTRUCTION SURVEYING
Lump Sum	LS			CLEARING & GRUBBING .. HECTARE(S)
2	HA			SUPPLEMENTARY CLEARING & GRUBBING
336,400	M3			UNCLASSIFIED EXCAVATION
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+40.043 -Y-REV-)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+01.153 -L- LT)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+01.153 -L- RT)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+11.952 -CDR-)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (77+44 -L- LT)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (77+44.010 -L- RT)
10,600	M3			UNDERCUT EXCAVATION
200	M3			SHALLOW UNDERCUT
450	MTN			CLASS IV SUBGRADE STABILIZATION
921,100	M3			BORROW EXCAVATION
6,140	M3			DRAINAGE DITCH EXCAVATION
770	M			BERM DITCH CONSTRUCTION
2,980	M2			REMOVAL OF EXISTING ASPHALT PAVEMENT
5,000	M2			BREAKING OF EXISTING ASPHALT PAVEMENT
15	HR			PROOF ROLLING
7,516	M3			SELECT GRANULAR MATERIAL
6,400	M2			FABRIC FOR SOIL STABILIZATION
1,930	MTN			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
5,550	M2			FOUNDATION CONDITIONING FABRIC
55.2	M			GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS IV
44.4	M			GENERIC PIPE ITEM 1200MM RC PIPE CULVERTS, CLASS III
100.8	M			GENERIC PIPE ITEM 1800MM RC PIPE CULVERTS, CLASS III
121.2	M			GENERIC PIPE ITEM 375MM SIDE DRAIN PIPE
96	M			GENERIC PIPE ITEM 400MM CS PIPE CULVERTS, 1.63MM THICK
109.2	M			GENERIC PIPE ITEM 450MM CS PIPE CULVERTS, 1.63MM THICK
32.4	M			GENERIC PIPE ITEM 450MM SIDE DRAIN PIPE
12	M			GENERIC PIPE ITEM 600MM CS PIPE CULVERTS, 1.63MM THICK
127.8	M			GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS V
7	EA			GENERIC PIPE ITEM 400MM CS PIPE ELBOWS, 1.63MM THICK
7	EA			GENERIC PIPE ITEM 450MM CS PIPE ELBOWS, 1.63MM THICK
2	EA			GENERIC PIPE ITEM 600MM CS PIPE ELBOWS, 1.63MM THICK
294	M			PIPE REMOVAL
Lump Sum	LS			FINE GRADING

			24,870	M3	SILT EXCAVATION		
			156,800	M2	MATTING FOR EROSION CONTROL		
			1,500	M2	COIR FIBER MAT		
			9,150	M2	PERMANENT SOIL REINFORCEMENT MAT		
665	MTN	RIP RAP, CLASS I					
1,140	MTN	RIP RAP, CLASS B					
16,753	M2	FILTER FABRIC FOR DRAINAGE	1,850	M	6.4MM HARDWARE CLOTH		
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	25	M	***MM TEMPORARY PIPE (600MM)		
104	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL	60	M	TEMPORARY PIPE FOR STREAM CROSSING		
9	EA	SUPPORTS, 3-KG STEEL U-CHANNEL	880	M3	STILLING BASINS		
2	EA	SIGN ERECTION, TYPE D	24	EA	SPECIAL STILLING BASINS		
32	EA	SIGN ERECTION, TYPE E	2,900	M	WATTLE		
11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	2,750	KG	POLYACRYLAMIDE (PAM)		
54	M2	WORK ZONE SIGNS (STATIONARY)	23,000	M	COIR FIBER BAFFLES		
19	M2	WORK ZONE SIGNS (PORTABLE)	1	EA	***MM SKIMMER (102MM)		
10	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	46	EA	***MM SKIMMER (38MM)		
1	EA	FLASHING ARROW PANELS, TYPE C	11	EA	***MM SKIMMER (51MM)		
8	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)	1	EA	***MM SKIMMER (64MM)		
160	EA	DRUMS	4	EA	***MM SKIMMER (76MM)		
80	EA	CONES	125	HA	SEEDING & MULCHING		
45	M	BARRICADES (TYPE III)	156	HA	MOWING		
338	MD	FLAGGER	3,550	KG	SEED FOR REPAIR SEEDING		
4	EA	TEMPORARY CRASH CUSHIONS	12	MTN	FERTILIZER FOR REPAIR SEEDING		
1	EA	TMA	2,800	KG	SEED FOR SUPPLEMENTAL SEEDING		
637	M	PORTABLE CONCRETE BARRIER	168	MTN	FERTILIZER TOPDRESSING		
50	EA	SKINNY DRUM	310	M	IMPERVIOUS DIKE		
132	EA	TUBULAR MARKERS (FIXED)	450	MHR	SPECIALIZED HAND MOWING		
84	EA	TEMPORARY RAISED PAVEMENT MARKERS	165	EA	RESPONSE FOR EROSION CONTROL		
3,133	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	700	M3	CULVERT DIVERSION CHANNEL		
2,035	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	2	HA	REFORESTATION		
136	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)	82,000	M3	GENERIC EROSION CONTROL ITEM BORROW PIT DEWATERING BASIN		
94	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)					
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)					***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	188.4	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS III		
543	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (III)	1,367.4	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III		
384	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)	838.6	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III		
23,846	M	PAINT PAVEMENT MARKING LINES (100MM)	1,272	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III		
56	M	PAINT PAVEMENT MARKING LINES (600MM)	1,060.8	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III		
1,800	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	504	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III		
9	EA	PERMANENT RAISED PAVEMENT MARKERS					*** OR ***
199	EA	SNOWPLOWABLE PAVEMENT MARKERS					
6	EA	OBJECT MARKERS (END OF ROAD)					
15	M	50MM WATER LINE	63.6	M	***MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (1000MM, 2.01MM)		
50	M	150MM WATER LINE					
76	M	200MM WATER LINE					
1,204	M	400MM WATER LINE	393	M	***MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (400MM, 1.63MM)		
1	EA	50MM VALVE					
1	EA	150MM VALVE					
2	EA	200MM VALVE					
4	EA	400MM VALVE	447.6	M	***MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (450MM, 1.63MM)		
4	EA	RELOCATE FIRE HYDRANT					
60	M	200MM SANITARY GRAVITY SEWER					
2	EA	1200MM DIA UTILITY MANHOLE	927.6	M	***MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (600MM, 1.63MM)		
2.64	M	UTILITY MANHOLE WALL, 1200MM DIA					
516	M	ABANDON 150MM UTILITY PIPE					
470	M	ABANDON 200MM UTILITY PIPE	949.2	M	***MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (800MM, 2.01MM)		
1,181	M	ABANDON 400MM UTILITY PIPE					
7	EA	ABANDON UTILITY MANHOLE					
25,600	M	TEMPORARY SILT FENCE	327.6	M	***MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (900MM, 2.01MM)		
10,280	MTN	STONE FOR EROSION CONTROL, CLASS A					
13,395	MTN	STONE FOR EROSION CONTROL, CLASS B	124.8	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS III		
9,880	MTN	SEDIMENT CONTROL STONE					
219	HA	TEMPORARY MULCHING					
3,425	KG	SEED FOR TEMPORARY SEEDING	974.4	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III		
25	MTN	FERTILIZER FOR TEMPORARY SEEDING					
11,500	M	TEMPORARY SLOPE DRAINS	391	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III		
165	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS					
8,000	M	SAFETY FENCE					

			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+11.952-CDR-)
344.4	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (102+62.953-L-)
111.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III	7	EA	PDA TESTING
			7	EA	PDA ASSISTANCE
176.4	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III	13,359.9	M2	REINFORCED CONCRETE DECK SLAB
			13,175.4	M2	GROOVING BRIDGE FLOORS
			1,597.1	M3	CLASS A CONCRETE (BRIDGE)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (102+62.953-L-)
63.6	M	****MM HDPE PIPE CULVERTS (1050MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+01.153-L-LT)
393	M	****MM HDPE PIPE CULVERTS (375MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+01.153-L-RT)
447.6	M	****MM HDPE PIPE CULVERTS (450MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+11.952-CDR-)
927.6	M	****MM HDPE PIPE CULVERTS (600MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+11.952-CDR-)
949.2	M	****MM HDPE PIPE CULVERTS (750MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.000-L-LT)
327.6	M	****MM HDPE PIPE CULVERTS (900MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.000-L-RT)
124.8	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.000-L-RT)
974.4	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III	136,325	KG	REINFORCING STEEL (BRIDGE)
			8,783	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
391	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III	2,298.12	M	MODIFIED 1829MM PRESTRESSED CONC GIRDBERS
344.4	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III	1,349,200	LS	APPROX KG STRUCTURAL STEEL
111.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III	9,022	M	HP310X79 STEEL PILES
176.4	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III	2,548	M	HP310X79 GALVANIZED STEEL PILES
			235	EA	PILE REDRIVES
			1,537.018	M	CONCRETE BARRIER RAIL
			125.28	M	****MM CHAIN LINK FENCE (1829MM)
			3,710	M2	100MM SLOPE PROTECTION
			420	MTN	RIP RAP CLASS II (600MM THICK)
			429	M2	FILTER FABRIC FOR DRAINAGE
			Lump Sum	LS	POT BEARINGS
			Lump Sum	LS	ELASTOMERIC BEARINGS
			Lump Sum	LS	EVAZOTE JOINT SEALS
			281.811	M2	GENERIC STRUCTURE ITEM VISUAL BARRIER WALL ON STRUCTURE

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (105+03.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+14.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (2+98.000-Y-RAMP A)
587	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
887.6	M3	CLASS A CONCRETE (CULVERT)
61,185	KG	REINFORCING STEEL (CULVERT)

WALL ITEMS

100	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALL @ STA 10+40.000 -Y4-
965	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALL @ STA 30+50.000 -Y1-
5,895	M2	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (77+44.000-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 77+44.000-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 77+44.000-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+01.153-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+01.153-L-RT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110215 002

CONTRACT ID : C202618 35196.3.20

DIV OFFICE FAYETTEVILLE

LENGTH = 4.360 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING, WALLS, & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : APR 15 2014

I-295 (FAYETTEVILLE OUTER LOOP) FROM EAST OF SR-1600 (MCARTHUR RD) TO WEST OF US-401.

ROADWAY ITEMS				
		86.4	M	GENERIC PIPE ITEM 1350MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	6	M	GENERIC PIPE ITEM 1500MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	38.4	M	GENERIC PIPE ITEM 375MM SIDE DRAIN PIPE
Lump Sum	LS	99.6	M	GENERIC PIPE ITEM 400MM CS PIPE CULVERTS, 1.63MM THICK
1.6	HA	28.8	M	GENERIC PIPE ITEM 450MM CS PIPE CULVERTS, 1.63MM THICK
		10.8	M	GENERIC PIPE ITEM 450MM SIDE DRAIN PIPE
8	EA	42	M	GENERIC PIPE ITEM 600MM CS PIPE CULVERTS, 1.63MM THICK
561,900	M3	26.4	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	22.8	M	GENERIC PIPE ITEM 800MM CS PIPE CULVERTS, 2.01MM THICK
		24	M	GENERIC PIPE ITEM 900MM CS PIPE CULVERTS, 2.01MM THICK
19,700	M3	110.4	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS IV
400	M3	2	EA	GENERIC PIPE ITEM 1000MM CS PIPE ELBOWS, 2.01MM THICK
900	MTN	5	EA	GENERIC PIPE ITEM 400MM CS PIPE ELBOWS, 1.63MM THICK
		1	EA	GENERIC PIPE ITEM 450MM CS PIPE ELBOWS, 1.63MM THICK
179,500	M	4	EA	GENERIC PIPE ITEM 600MM CS PIPE ELBOWS, 1.63MM THICK
624,100	M3	4	EA	GENERIC PIPE ITEM 800MM CS PIPE ELBOWS, 2.01MM THICK
17	EA	2	EA	GENERIC PIPE ITEM 900MM CS PIPE ELBOWS, 2.01MM THICK
11,400	M3	254.6	M	PIPE REMOVAL
730	M	Lump Sum	LS	FINE GRADING
2,510	M2	30	MTN	#57 STONE
		5,800	MTN	STABILIZER AGGREGATE
10	HR	3,910	MTN	AGGREGATE BASE COURSE
26,100	M3	325	MTN	INCIDENTAL STONE BASE
		9,410	L	PRIME COAT
15,655	M3	220	M2	INCIDENTAL MILLING
18,200	M2	640	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
34,000	M3	370	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
		290	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
43,500	M2	1,160	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
		140	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
17,000	M2	160	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
1,450	M2	662	M3	SUBDRAIN EXCAVATION
		331	M3	SUBDRAIN FINE AGGREGATE
500	M	800	M	150MM PERFORATED SUBDRAIN PIPE
		6	EA	SUBDRAIN PIPE OUTLETS
40	M	12	M	150MM OUTLET PIPE (SUBDRAINS)
		7.2	M3	ENDWALLS
1	EA	8.1	M3	REINFORCED ENDWALLS
		200	M3	FLOWABLE FILL
6	EA	128	EA	MASONRY DRAINAGE STRUCTURES
		13.8	M3	MASONRY DRAINAGE STRUCTURES
10	EA	39.62	M	MASONRY DRAINAGE STRUCTURES
		28	EA	FRAME WITH TWO GRATES, STD 840.20
3	EA			
8	EA			
1,826	MTN			
5,460	M2			
114	M			
142.8	M			
123.6	M			
39.6	M			
49.2	M			
3.6	M			

			36	M	PAINT PAVEMENT MARKING LINES (600MM)	
			8	EA	PAINT PAVEMENT MARKING CHARACTER	
74	EA	FRAME WITH TWO GRATES, STD 840.22	14	EA	PAINT PAVEMENT MARKING SYMBOL	
1	EA	FRAME WITH TWO GRATES, STD 840.24	703	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	
4	EA	FRAME WITH TWO GRATES, STD 840.29	12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	67	EA	PERMANENT RAISED PAVEMENT MARKERS	
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	8	M	150MM WATER LINE	
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	30	M	200MM WATER LINE	
5	EA	FRAME WITH COVER, STD 840.54	2	EA	200MM VALVE	
5	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	1	EA	RELOCATE WATER METER	
275	M	750MM CONCRETE CURB & GUTTER	3	EA	RECONNECT WATER METER	
480	M	CONCRETE VALLEY GUTTER	2	EA	RELOCATE FIRE HYDRANT	
20	M2	150MM CONCRETE DRIVEWAY	116	M	200MM SANITARY GRAVITY SEWER	
120	M2	100MM CONCRETE PAVED DITCH	3	EA	1200MM DIA UTILITY MANHOLE	
1	EA	ADJUSTMENT OF CATCH BASINS	2.21	M	UTILITY MANHOLE WALL, 1200MM DIA	
1	EA	ADJUSTMENT OF DROP INLETS	348	M	ABANDON 200MM UTILITY PIPE	
83.82	M	STEEL BM GUARDRAIL	2	EA	ABANDON UTILITY MANHOLE	
19.05	M	STEEL BM GUARDRAIL, SHOP CURVED	9,500	M	TEMPORARY SILT FENCE	
10	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	7,025	MTN	STONE FOR EROSION CONTROL, CLASS A	
5	EA	ADDITIONAL GUARDRAIL POSTS	6,410	MTN	STONE FOR EROSION CONTROL, CLASS B	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	5,170	MTN	SEDIMENT CONTROL STONE	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	100	HA	TEMPORARY MULCHING	
8,290	M	WOVEN WIRE FENCE, 1200MM FABRIC	2,375	KG	SEED FOR TEMPORARY SEEDING	
1,770	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	17.25	MTN	FERTILIZER FOR TEMPORARY SEEDING	
320	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	4,000	M	TEMPORARY SLOPE DRAINS	
2	EA	DOUBLE GATES, ***** HIGH, ***** WIDE, ***** OPENING (1200MM, 3050MM, 6100MM)	60	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
1,000	MTN	RIP RAP, CLASS I	7,500	M	SAFETY FENCE	
825	MTN	RIP RAP, CLASS B	32,285	M3	SILT EXCAVATION	
7,465	M2	FILTER FABRIC FOR DRAINAGE	122,500	M2	MATTING FOR EROSION CONTROL	
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	1,300	M2	COIR FIBER MAT	
3	EA	GENERIC EROSION CONTROL ITEM ENERGY DISSIPATOR BASIN	4,750	M2	PERMANENT SOIL REINFORCEMENT MAT	
58	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL	1,750	M	6.4MM HARDWARE CLOTH	
15	EA	SUPPORTS, 3-KG STEEL U-CHANNEL	30	M	TEMPORARY PIPE FOR STREAM CROSSING	
37	EA	SIGN ERECTION, TYPE E	3,310	M	WATTLE	
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3,030	KG	POLYACRYLAMIDE (PAM)	
101	M2	WORK ZONE SIGNS (STATIONARY)	5,000	M	COIR FIBER BAFFLES	
33	M2	WORK ZONE SIGNS (PORTABLE)	21	EA	***MM SKIMMER (38MM)	
30	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	11	EA	***MM SKIMMER (51MM)	
1	EA	FLASHING ARROW PANELS, TYPE C	2	EA	***MM SKIMMER (64MM)	
2	EA	CHANGEABLE MESSAGE SIGN	1	EA	***MM SKIMMER (76MM)	
100	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)	75	HA	SEEDING & MULCHING	
130	EA	DRUMS	75	HA	MOWING	
60	EA	CONES	2,075	KG	SEED FOR REPAIR SEEDING	
110	M	BARRICADES (TYPE III)	7	MTN	FERTILIZER FOR REPAIR SEEDING	
400	MD	FLAGGER	1,725	KG	SEED FOR SUPPLEMENTAL SEEDING	
1	EA	TEMPORARY CRASH CUSHIONS	102	MTN	FERTILIZER TOPDRESSING	
56	M	PORTABLE CONCRETE BARRIER	100	MHR	SPECIALIZED HAND MOWING	
73	M	PORTABLE CONCRETE BARRIER (ANCHORED)	75	EA	RESPONSE FOR EROSION CONTROL	
420	HR	LAW ENFORCEMENT	2	HA	REFORESTATION	
25	EA	SKINNY DRUM	30,000	M3	GENERIC EROSION CONTROL ITEM BORROW PIT DEWATERING BASIN	
65	EA	TEMPORARY RAISED PAVEMENT MARKERS				
640	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)				***** BEGIN SCHEDULE AA *****
841	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)				***** (3 ALTERNATES) *****
297	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)				
15	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)				
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)				
11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)				
12,372	M	PAINT PAVEMENT MARKING LINES (100MM)				
			1,464	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III	
			564	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III	
			1,300.8	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III	
			1,152	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III	
			643.2	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III	
						*** OR ***
			559.2	M	***MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***MM THICK (400MM, 1.63MM)	

			6,855	M2	GENERIC RETAINING WALL ITEM HIGH STRENGTH FABRIC FOR LTP
			5,185	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALLS @ 146+39.081-L-
288	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (450MM, 1.63MM)			
909.6	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (600MM, 1.63MM)			
960	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (800MM, 2.01MM)			
591.6	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (900MM, 2.01MM)			
904.8	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III			
276	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III			
391.2	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III			
192	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III			
51.6	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III			
		*** OR ***			
559.2	M	*****MM HDPE PIPE CULVERTS (375MM)			
288	M	*****MM HDPE PIPE CULVERTS (450MM)			
909.6	M	*****MM HDPE PIPE CULVERTS (600MM)			
960	M	*****MM HDPE PIPE CULVERTS (750MM)			
591.6	M	*****MM HDPE PIPE CULVERTS (900MM)			
904.8	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III			
276	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III			
391.2	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III			
192	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III			
51.6	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III			

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (118+17.500-L-WBL)
4	EA	PDA TESTING
4	EA	PDA ASSISTANCE
5,326.1	M2	REINFORCED CONCRETE DECK SLAB
5,289.1	M2	GROOVING BRIDGE FLOORS
743.1	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+17.500-L-EBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+17.500-L-WBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (146+39.081-L-EBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (146+39.081-L-WBL)
65,263	KG	REINFORCING STEEL (BRIDGE)
5,665	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,076.9	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
1,008,000	LS	APPROX KG STRUCTURAL STEEL
1,204	M	HP310X79 STEEL PILES
1,872	M	HP310X79 GALVANIZED STEEL PILES
384	M	PP 457 X 12.70 STEEL PILES
24	EA	PIPE PILE PLATES
116	EA	PILE REDRIVES
757.7	M	CONCRETE BARRIER RAIL
96	M2	100MM SLOPE PROTECTION
4,882	MTN	RIP RAP CLASS II (600MM THICK)
4,980	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (130+30.000-L-)
118	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
177.4	M3	CLASS A CONCRETE (CULVERT)
17,551	KG	REINFORCING STEEL (CULVERT)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA***** (130+30.000-L-)

WALL ITEMS

4	EA	PDA TESTING
4	EA	PDA ASSISTANCE
3,744	M	305MM PRESTRESSED CONC PILES
5,464	M	406MM PRESTRESSED CONC PILES
468	EA	GENERIC RETAINING WALL ITEM CAP FOR 305 MM PRESTRESSED CONCRETE PILES
683	EA	GENERIC RETAINING WALL ITEM CAP FOR 406 MM PRESTRESSED CONCRETE PILES
8,500	MTN	GENERIC RETAINING WALL ITEM SELECT MATERIAL, CLASS IV FOR LTP
7,030	M2	GENERIC RETAINING WALL ITEM GEOGRID FOR LTP

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L110215 003

CONTRACT ID : C202684 35196.3.18

DIV OFFICE FAYETTEVILLE

LENGTH = 8.359 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING, WALLS, AND STRUCTURES.

DBE GOAL 12.0% COMPLETION DATE : APR 15 2014

I-295 (FAYETTEVILLE OUTER LOOP) FROM NC-87/210 (MURCHISON RD) TO WEST OF US-401.

ROADWAY ITEMS					
			3,756	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
			11,010	M2	FOUNDATION CONDITIONING FABRIC
Lump Sum	LS	MOBILIZATION	114	M	****MM RC PIPE CULVERTS, CONTRACTOR DESIGN (1500MM)
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	142.8	M	****MM CS STRUCTURAL PLATE PIPE, ****MM THICK (1800MM, 3.51MM)
3.6	HA	SUPPLEMENTARY CLEARING & GRUBBING	123.6	M	***MM WELDED STEEL PIPE, ***MM THICK, GRADE ** IN SOIL (1200MM, 16MM, B)
8	EA	SEALING ABANDONED WELLS			
898,300	M3	UNCLASSIFIED EXCAVATION	39.6	M	GENERIC PIPE ITEM 1000MM CS PIPE CULVERTS, 2.01MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (118+17.500 -L-EBL)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (118+17.500 -L-WBL)	55.2	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+40.043 -Y-REV-)	44.4	M	GENERIC PIPE ITEM 1200MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+01.153 -L- LT)	3.6	M	GENERIC PIPE ITEM 1350MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+01.153 -L- RT)	86.4	M	GENERIC PIPE ITEM 1350MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+11.952 -CDR-)	6	M	GENERIC PIPE ITEM 1500MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (77+44 -L- LT)	100.8	M	GENERIC PIPE ITEM 1800MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (77+44.010 -L- RT)	159.6	M	GENERIC PIPE ITEM 375MM SIDE DRAIN PIPE
30,300	M3	UNDERCUT EXCAVATION	195.6	M	GENERIC PIPE ITEM 400MM CS PIPE CULVERTS, 1.63MM THICK
600	M3	SHALLOW UNDERCUT			
1,350	MTN	CLASS IV SUBGRADE STABILIZATION	138	M	GENERIC PIPE ITEM 450MM CS PIPE CULVERTS, 1.63MM THICK
179,500	M	WICK DRAINS			
1,545,200	M3	BORROW EXCAVATION	43.2	M	GENERIC PIPE ITEM 450MM SIDE DRAIN PIPE
17	EA	EMBANKMENT SETTLEMENT GAUGES			
17,540	M3	DRAINAGE DITCH EXCAVATION	54	M	GENERIC PIPE ITEM 600MM CS PIPE CULVERTS, 1.63MM THICK
1,500	M	BERM DITCH CONSTRUCTION			
5,490	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	26.4	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS IV
5,000	M2	BREAKING OF EXISTING ASPHALT PAVEMENT			
25	HR	PROOF ROLLING	22.8	M	GENERIC PIPE ITEM 800MM CS PIPE CULVERTS, 2.01MM THICK
26,100	M3	SELECT GRANULAR MATERIAL, CLASS III	24	M	GENERIC PIPE ITEM 900MM CS PIPE CULVERTS, 2.01MM THICK
23,171	M3	SELECT GRANULAR MATERIAL			
24,600	M2	FABRIC FOR SOIL STABILIZATION	110.4	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS IV
34,000	M3	GENERIC GRADING ITEM BORROW MATERIAL FOR GEOGRID REINFORCEMENT			
43,500	M2	GENERIC GRADING ITEM NONWOVEN FABRIC FOR SOIL SEPARATION	127.8	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS V
17,000	M2	GENERIC GRADING ITEM PRIMARY GEOGRID REINFORCEMENT	2	EA	GENERIC PIPE ITEM 1000MM CS PIPE ELBOWS, 2.01MM THICK
1,450	M2	GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCEMENT	12	EA	GENERIC PIPE ITEM 400MM CS PIPE ELBOWS, 1.63MM THICK
500	M	GENERIC GRADING ITEM HORIZONTAL INCLINOMETER CASING WITH PULL CABLE	8	EA	GENERIC PIPE ITEM 450MM CS PIPE ELBOWS, 1.63MM THICK
40	M	GENERIC GRADING ITEM VERTICAL INCLINOMETER CASING	6	EA	GENERIC PIPE ITEM 600MM CS PIPE ELBOWS, 1.63MM THICK
1	EA	GENERIC GRADING ITEM COMPLETE HORIZONTAL INCLINOMETER PROBE SYSTEM	4	EA	GENERIC PIPE ITEM 800MM CS PIPE ELBOWS, 2.01MM THICK
6	EA	GENERIC GRADING ITEM HIGH PRESSURE CELL			
10	EA	GENERIC GRADING ITEM HORIZONTAL CASING ACCESS BOX	2	EA	GENERIC PIPE ITEM 900MM CS PIPE ELBOWS, 2.01MM THICK
3	EA	GENERIC GRADING ITEM LOW PRESSURE CELL			
8	EA	GENERIC GRADING ITEM VW PIEZOMETER	548.6	M	PIPE REMOVAL
			Lump Sum	LS	FINE GRADING
			30	MTN	#57 STONE
			11,250	MTN	STABILIZER AGGREGATE
			27,110	MTN	AGGREGATE BASE COURSE

1,000	MTN	INCIDENTAL STONE BASE	24,218	M2	FILTER FABRIC FOR DRAINAGE
42,415	L	PRIME COAT	4	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
220	M2	INCIDENTAL MILLING	3	EA	GENERIC EROSION CONTROL ITEM ENERGY DISSIPATOR BASIN
980	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	162	M	SUPPORTS, 4.5-KG STEEL U-CHANN EL
7,270	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	24	EA	SUPPORTS, 3-KG STEEL U-CHANNEL
7,560	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2	EA	SIGN ERECTION, TYPE D
4,060	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	69	EA	SIGN ERECTION, TYPE E
1,110	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	17	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
160	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	155	M2	WORK ZONE SIGNS (STATIONARY)
1,407	M3	SUBDRAIN EXCAVATION	52	M2	WORK ZONE SIGNS (PORTABLE)
704	M3	SUBDRAIN FINE AGGREGATE	40	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,700	M	150MM PERFORATED SUBDRAIN PIPE	2	EA	FLASHING ARROW PANELS, TYPE C
13	EA	SUBDRAIN PIPE OUTLETS	2	EA	CHANGEABLE MESSAGE SIGN
26	M	150MM OUTLET PIPE (SUBDRAINS)	108	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
18.8	M3	ENDWALLS	290	EA	DRUMS
15.3	M3	REINFORCED ENDWALLS	140	EA	CONES
0.4	M3	PIPE COLLARS	155	M	BARRICADES (TYPE III)
0.05	M3	PIPE PLUGS	738	MD	FLAGGER
207	M3	FLOWABLE FILL	5	EA	TEMPORARY CRASH CUSHIONS
250	EA	MASONRY DRAINAGE STRUCTURES	1	EA	TMIA
13.8	M3	MASONRY DRAINAGE STRUCTURES	693	M	PORTABLE CONCRETE BARRIER
89.56	M	MASONRY DRAINAGE STRUCTURES	73	M	PORTABLE CONCRETE BARRIER (ANCHORED)
1	EA	FRAME WITH GRATE, STD 840.22	420	HR	LAW ENFORCEMENT
44	EA	FRAME WITH TWO GRATES, STD 840.20	75	EA	SKINNY DRUM
140	EA	FRAME WITH TWO GRATES, STD 840.22	132	EA	TUBULAR MARKERS (FIXED)
4	EA	FRAME WITH TWO GRATES, STD 840.24	149	EA	TEMPORARY RAISED PAVEMENT MARKERS
8	EA	FRAME WITH TWO GRATES, STD 840.29	3,773	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	2,876	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	136	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)
20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	297	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
13	EA	FRAME WITH COVER, STD 840.54	109	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
12	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS	22	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
1,170	M	450MM CONCRETE CURB & GUTTER	543	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (III)
495	M	750MM CONCRETE CURB & GUTTER	384	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)
55	M	SHOULDER BERM GUTTER	36,218	M	PAINT PAVEMENT MARKING LINES (100MM)
960	M	CONCRETE VALLEY GUTTER	92	M	PAINT PAVEMENT MARKING LINES (600MM)
20	M2	150MM CONCRETE DRIVEWAY	8	EA	PAINT PAVEMENT MARKING CHARACTER
150	M2	100MM CONCRETE PAVED DITCH	14	EA	PAINT PAVEMENT MARKING SYMBOL
590	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	2,503	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
100	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1	EA	ADJUSTMENT OF CATCH BASINS	76	EA	PERMANENT RAISED PAVEMENT MARKERS
1	EA	ADJUSTMENT OF DROP INLETS	199	EA	SNOWFLOWABLE PAVEMENT MARKERS
609.6	M	STEEL BM GUARDRAIL	6	EA	OBJECT MARKERS (END OF ROAD)
49.05	M	STEEL BM GUARDRAIL, SHOP CURVED	15	M	50MM WATER LINE
16	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	58	M	150MM WATER LINE
25	EA	ADDITIONAL GUARDRAIL POSTS	106	M	200MM WATER LINE
8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	1,204	M	400MM WATER LINE
12	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	1	EA	50MM VALVE
5	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1	EA	150MM VALVE
72.39	M	TEMPORARY STEEL BM GUARDRAIL	4	EA	200MM VALVE
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	4	EA	400MM VALVE
17,520	M	WOVEN WIRE FENCE, 1200MM FABRIC	1	EA	RELOCATE WATER METER
3,710	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	3	EA	RECONNECT WATER METER
760	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	6	EA	RELOCATE FIRE HYDRANT
30	M	ADDITIONAL BARBED WIRE	176	M	200MM SANITARY GRAVITY SEWER
2	EA	DOUBLE GATES, ***** HIGH, ***** WIDE, ***** OPENING (1200MM, 3050MM, 6100MM)	5	EA	1200MM DIA UTILITY MANHOLE
1,665	MTN	RIP RAP, CLASS I	4.85	M	UTILITY MANHOLE WALL, 1200MM DIA
1,965	MTN	RIP RAP, CLASS B	516	M	ABANDON 150MM UTILITY PIPE
			818	M	ABANDON 200MM UTILITY PIPE
			1,181	M	ABANDON 400MM UTILITY PIPE
			9	EA	ABANDON UTILITY MANHOLE
			35,100	M	TEMPORARY SILT FENCE
			17,305	MTN	STONE FOR EROSION CONTROL, CLASS A
			19,805	MTN	STONE FOR EROSION CONTROL, CLASS B

15,050	MTN	SEDIMENT CONTROL STONE	919.2	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (900MM, 2.01MM)
319	HA	TEMPORARY MULCHING	174	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS III
5,800	KG	SEED FOR TEMPORARY SEEDING	1,879.2	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III
42.25	MTN	FERTILIZER FOR TEMPORARY SEEDING	667	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III
15,500	M	TEMPORARY SLOPE DRAINS	735.6	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III
225	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	303.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III
15,500	M	SAFETY FENCE	228	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III
57,155	M3	SILT EXCAVATION			*** OR ***
279,300	M2	MATting FOR EROSION CONTROL	63.6	M	****MM HDPE PIPE CULVERTS (1050MM)
2,800	M2	COIR FIBER MAT	952.2	M	****MM HDPE PIPE CULVERTS (375MM)
13,900	M2	PERMANENT SOIL REINFORCEMENT MAT	735.6	M	****MM HDPE PIPE CULVERTS (450MM)
3,600	M	6.4MM HARDWARE CLOTH	1,837.2	M	****MM HDPE PIPE CULVERTS (600MM)
25	M	****MM TEMPORARY PIPE (600MM)	1,909.2	M	****MM HDPE PIPE CULVERTS (750MM)
90	M	TEMPORARY PIPE FOR STREAM CROSSING	919.2	M	****MM HDPE PIPE CULVERTS (900MM)
880	M3	STILLING BASINS	174	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS III
24	EA	SPECIAL STILLING BASINS	1,879.2	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III
6,210	M	WATTLE	667	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III
5,780	KG	POLYACRYLAMIDE (PAM)	735.6	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III
28,000	M	COIR FIBER BAFFLES	303.6	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III
1	EA	****MM SKIMMER (102MM)	228	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III
67	EA	****MM SKIMMER (38MM)			*** END SCHEDULE AA ***
22	EA	****MM SKIMMER (51MM)			
3	EA	****MM SKIMMER (64MM)			
5	EA	****MM SKIMMER (76MM)			
200	HA	SEEDING & MULCHING			
231	HA	MOWING			
5,625	KG	SEED FOR REPAIR SEEDING			
19	MTN	FERTILIZER FOR REPAIR SEEDING			
4,525	KG	SEED FOR SUPPLEMENTAL SEEDING			
270	MTN	FERTILIZER TOPDRESSING			
310	M	IMPERVIOUS DIKE			
550	MHR	SPECIALIZED HAND MOWING			
240	EA	RESPONSE FOR EROSION CONTROL			
700	M3	CULVERT DIVERSION CHANNEL			
4	HA	REFORESTATION			
112,000	M3	GENERIC EROSION CONTROL ITEM BORROW PIT DEWATERING BASIN			

***** BEGIN SCHEDULE AA *****
 ***** (3 ALTERNATES) *****

237.6	M	GENERIC PIPE ITEM 1050MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (105+03.000-L-)
2,831.4	M	GENERIC PIPE ITEM 375MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (130+30.000-L-)
1,402.6	M	GENERIC PIPE ITEM 450MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+14.000-L-)
2,572.8	M	GENERIC PIPE ITEM 600MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (2+98.000-Y-RAMP A)
2,212.8	M	GENERIC PIPE ITEM 750MM RC PIPE CULVERTS, CLASS III	705	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1,147.2	M	GENERIC PIPE ITEM 900MM RC PIPE CULVERTS, CLASS III	1,065	M3	CLASS A CONCRETE (CULVERT)
			78,736	KG	REINFORCING STEEL (CULVERT)
			Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA***** (130+30.000-L-)

*** OR ***

63.6	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (1000MM, 2.01MM)			WALL ITEMS
952.2	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (400MM, 1.63MM)	4	EA	PDA TESTING
735.6	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (450MM, 1.63MM)	4	EA	PDA ASSISTANCE
1,837.2	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (600MM, 1.63MM)	3,744	M	305MM PRESTRESSED CONC PILES
1,909.2	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (800MM, 2.01MM)	5,464	M	406MM PRESTRESSED CONC PILES
			468	EA	GENERIC RETAINING WALL ITEM CAP FOR 305 MM PRESTRESSED CONCRETE PILES
			683	EA	GENERIC RETAINING WALL ITEM CAP FOR 406 MM PRESTRESSED CONCRETE PILES
			8,500	MTN	GENERIC RETAINING WALL ITEM SELECT MATERIAL, CLASS IV FOR LTP
			7,030	M2	GENERIC RETAINING WALL ITEM GEOGRID FOR LTP
			6,855	M2	GENERIC RETAINING WALL ITEM HIGH STRENGTH FABRIC FOR LTP

			3,806	M2	100MM SLOPE PROTECTION
			5,302	MTN	RIP RAP CLASS II (600MM THICK)
			5,409	M2	FILTER FABRIC FOR DRAINAGE
100	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALL @ STA 10+40.000 -Y4-	Lump Sum	LS	POT BEARINGS
			Lump Sum	LS	ELASTOMERIC BEARINGS
			Lump Sum	LS	EVAZOTE JOINT SEALS
965	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALL @ STA 30+50.000 -Y1-	281.811	M2	GENERIC STRUCTURE ITEM VISUAL BARRIER WALL ON STRUCTURE
5,185	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALLS @ 146+39.081-L-			
5,895	M2	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL			

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (118+17.500-L-WBL)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (77+44.000-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 77+44.000-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 77+44.000-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+01.153-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+01.153-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+11.952-CDR-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (102+62.953-L-)
11	EA	PDA TESTING
11	EA	PDA ASSISTANCE
18,686	M2	REINFORCED CONCRETE DECK SLAB
18,464.9	M2	GROOVING BRIDGE FLOORS
2,340.2	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (102+62.953-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+17.500-L-EBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+17.500-L-WBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (146+39.081-L-EBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (146+39.081-L-WBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+01.153-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+01.153-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+11.952-CDR-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.000-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.000-L-RT)
201,588	KG	REINFORCING STEEL (BRIDGE)
14,448	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
3,375.02	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
2,357,200	LS	APPROX KG STRUCTURAL STEEL
10,226	M	HP310X79 STEEL PILES
4,420	M	HP310X79 GALVANIZED STEEL PILES
384	M	PP 457 X 12.70 STEEL PILES
24	EA	PIPE PILE PLATES
351	EA	PILE REDRIVES
2,294.72	M	CONCRETE BARRIER RAIL
125.28	M	*****MM CHAIN LINK FENCE (1829MM)

