

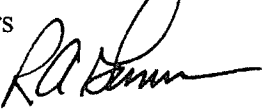


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

February 15, 2010

NOTICE TO: Prime Contractors
FROM: R.A. Garris PE 
Contract Officer
SUBJECT: Revised Non-Collusion Affidavit/Execution of Contract/Payment
Performance Bond

Effective with the February 16, 2010 Highway Letting, contractors who are awarded projects must use the revised (1) *Non-Collusion Affidavit, Execution of Contract, and Gift Ban Certification*, (2) *Payment Bonds* and (3) *Performance Bonds*, dated 2-1-10. Contract forms that do not have this date will be returned to the contractor and must be replaced with the correct contract forms.

These forms may be retrieved from the project letting website:
<http://www.ncdot.gov/doh/preconstruct/ps/contracts/letting.html#0>.

If you have any questions regarding these updated contract forms, please e-mail Betty Rawls at brawls@ncdot.gov or Ronnie Higgins at rlhiggins@ncdot.gov.

RAG/rlh

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 27610




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

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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SECRETARY

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.



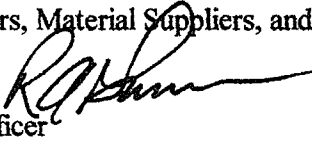
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

July 21, 2009

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

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

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

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

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

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

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

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UPDATED JULY 17, 2009

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
R-2814A	5	WAKE	US 401 FROM SR 2044 TO NORTH OF SR 2226	DECEMBER 15, 2009
R-2824	13	BURKE	SR 1546 FROM SR 1545 TO SR 1001	JUNE 15, 2010
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	DECEMBER 21, 2010
R-2519A	13	YANCEY	US 19 EAST FROM SR 1336 TO NC 80	MAY 17, 2011
R-2413C	7	GUILFORD ROCKINGHAM	NC 68 CONNECTOR -US 220 FROM THE HAW RIVER TO EXISTING NC 68/US 220 INTERSECTION	JANUARY 17, 2012




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

March 24, 2009

NOTICE TO: All Prospective Bidders

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

SUBJECT: Changes to the Implementation Dates for the Work Zone Traffic Control Qualification and Training Program

As you may know the Department is pursuing a Work Zone Traffic Control Qualification and Training Program for anyone working within the NCDOT right of way. This program is part of our compliance with the FHWA Safety & Mobility Rule (23 CFR 630 subpart j). As a result of feedback from our industry partners (mostly due to the economy and our desire not to implement a timeline that we know some will not be able to meet), the NCDOT has postponed the implementation dates of the program one year. The new implementation dates are as follows:

Flagger Qualifications and Training - July 1, 2010
Installer Qualifications and Training - January 1, 2011
Supervisor Qualifications and Training - July 1, 2011

In the next year, the Department will reconsider the on the job training (OJT) requirement for flaggers as we have gotten strong feedback that most small companies and municipalities will not be able to obtain the present requirement of 40 hours of OJT. We plan to investigate the common practice of other State DOT's and intend for our program to be similar to those OJT requirements. We expect our industry partners to take advantage of this implementation delay by continuing to pursue courses and OJT to meet the requirements of the program by the revised dates.

Please do not misunderstand our implementation delays. The NCDOT fully supports the implementation of the Work Zone Qualifications and Training requirements and is committed to seeing this program come to fruition. Working together with the industry we have already made great progress and look forward to seeing our work zones become even safer for the workers and traveling public.

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON MARCH 16, 2010. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

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

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

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<http://www.ncdot.gov/doh/preconstruct/ps/contracts/letting/debar/debar1.html>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-250-4124.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS FEBRUARY 16, 2010.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 16Jul2009)

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	Richard E Greene, Jr., 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 L100316

RPN	Contract Id	WBS	County	Length	JobType
001	C202569	45287.3.ST1	BERTIE	1.106 MI	BRIDGE PRESERVATION.
002	C202563	42579.3.5	BRUNSWICK	0.359 MI	BRIDGE DECK PRESERVATION.
003	C202338	33792.3.1	PERSON	0.134 MI	GRADING, DRAINAGE, PAVING AND STRUCTURE.
004	C202564	45325.3.1	ORANGE	6.039 MI	MILLING, RESURFACING & RUMBLE STRIPS.
005	C202568	7CR.10411.26 ETC	GUILFORD	21.111 MI	MILLING, RESURFACING MILLED RUMBLE STRIPS & SHLDR RECONST.
006	C202327	33551.3.1	MONTGOMERY	0.349 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C202337	33784.3.1	MOORE	0.132 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C202544	45310.3.ST1	RANDOLPH	0.880 MI	GRADING, DRAINAGE, AND PAVING.
009	C202333	33035.3.1	ANSON	0.136 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C202567	36727.3.41	MECKLENBURG	9.000 MI	CLEANING & PAINTING OF EXISTING STRUCTURES.
011	C202401	45106.3.ST1	WILKES	8.068 MI	WIDENING, GRADING, DRAINAGE, AND PAVEMENT REHABILITATION.
012	C202336	33717.3.1	CLEVELAND	0.096 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
013	C202536	42579.3.3	CATAWBA	0.198 MI	BRIDGE DECK PERSERVATION.
014	C202264	34400.3.1	RUTHERFORD	5.079 MI	GRADING, DRAINAGE, PAVING, STRUCTURES & RR REALIGNMENT.
015	C202542	45066.3.ST2 ETC.	BUNCOMBE, MADISON	3.570 MI	BRIDGE DECK PRESERVATION
016	C202090	33511.3.1	JACKSON	0.114 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
017	C202067	34623.2.2	HENDERSON	2.779 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURES.
018	C202570	45108.3.ST1	CHEROKEE	8.110 MI	PAVEMENT REHABILITATION, DRAINAGE & GUARDRAIL.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 001

CONTRACT ID : C202569 45287.3.ST1

DIV OFFICE EDENTON

LENGTH = 1.106 MI

COUNTY : BERTIE

BRIDGE PRESERVATION.

DBE GOAL 0.0% COMPLETION DATE : JUN 30 2011

BRIDGE OVER ROANOKE, MIDDLE, AND CASHIE RIVERS ON NC-45.

STRUCTURE ITEMS

Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
Lump Sum	LS	MOBILIZATION (STRUCTURES)
588	SF	REINFORCED CONCRETE DECK SLAB
510	SF	GROOVING BRIDGE FLOORS
2	CY	CLASS A CONCRETE (BRIDGE)
500	LB	REINFORCING STEEL (BRIDGE)
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING STRUCTURE
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
Lump Sum	LS	GENERIC STRUCTURE ITEM UNDER STRUCTURE WORK PLATFORM
357	LF	GENERIC STRUCTURE ITEM PILE ENCAPSULATION
256	CF	GENERIC STRUCTURE ITEM CONCRETE REPAIRS TO CAPS, DIAPHRAGMS AND COLUMNS
9	CF	GENERIC STRUCTURE ITEM REPAIRS TO PRESTRESSED CONCRETE GIRDERS
27,000	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL REPAIR APPROX. LBS.
744	EA	GENERIC STRUCTURE ITEM CLEAN AND PAINT EXISTING BEARINGS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 002

CONTRACT ID : C202563 42579.3.5

DIV OFFICE WILMINGTON

LENGTH = 0.359 MI

COUNTY : BRUNSWICK

BRIDGE DECK PRESERVATION.

DBE GOAL 2.0% COMPLETION DATE : JUN 18 2010

BRIDGE #13 ON NC-904 (CAUSEWAY DR) OVER THE INTERCOASTAL WATERWAY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
36	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
96	SF	WORK ZONE SIGNS (PORTABLE)
90	EA	DRUMS
10	EA	CONES
80	MD	FLAGGER
1	EA	TMIA
10	EA	SKINNY DRUM
7,200	LF	PAINT PAVEMENT MARKING LINES (4")
7,200	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE)
56,916	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	EVAZOTE JOINT SEALS
351	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
6,324	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
6,324	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
6,635	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 003

CONTRACT ID : C202338 33792.3.1

DIV OFFICE DURHAM

LENGTH = 0.134 MI

COUNTY : PERSON

GRADING, DRAINAGE, PAVING AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER SOUTH FLAT RIVER AND APPROACHES ON SR-1112.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+12.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
200	SY	FABRIC FOR SOIL STABILIZATION
200	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
30	SY	FOUNDATION CONDITIONING FABRIC
10	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
16	LF	15" DRAINAGE PIPE
68	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE
200	TON	INCIDENTAL STONE BASE
380	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
280	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
35	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
7	EA	RIGHT OF WAY MARKERS
33.6	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
13	LF	SHOULDER BERM GUTTER
25	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
410	LF	REMOVE EXISTING GUARDRAIL
65	TON	RIP RAP, CLASS II
40	TON	RIP RAP, CLASS B
1,380	SY	FILTER FABRIC FOR DRAINAGE
283	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
4,260	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	PERMANENT RAISED PAVEMENT MARKERS
1,100	LF	TEMPORARY SILT FENCE
340	TON	STONE FOR EROSION CONTROL, CLASS A
65	TON	STONE FOR EROSION CONTROL, CLASS B
225	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
950	LF	SAFETY FENCE
200	CY	SILT EXCAVATION
8,000	SY	MATTING FOR EROSION CONTROL
625	SY	COIR FIBER MAT
200	SY	PERMANENT SOIL REINFORCEMENT MAT
150	LF	1/4" HARDWARE CLOTH

8	EA	SPECIAL STILLING BASINS
25	LB	POLYACRYLAMIDE (PAM)
150	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+12.50-L-)
15	LF	3'-6" DIA DRILLED PIERS IN SOIL
27	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
18	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+12.50-L-)
71.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+12.50-L-)
15,122	LB	REINFORCING STEEL (BRIDGE)
1,746	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
150	LF	HP12X53 STEEL PILES
204.21	LF	VERTICAL CONCRETE BARRIER RAIL
405	TON	RIP RAP CLASS II (2'-0" THICK)
451	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,021.04	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 004

CONTRACT ID : C202564 45325.3.1

DIV OFFICE GREENSBORO

LENGTH = 6.039 MI

COUNTY : ORANGE

MILLING, RESURFACING & RUMBLE STRIPS.

DBE GOAL 6.0% COMPLETION DATE : NOV 01 2010

I-40/85 FROM WEST OF SR-1114 (BUCKHORN RD) TO THE I-40/85 INTERCHANGE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
200	TON	INCIDENTAL STONE BASE
52,778	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
378,515	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
133	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
9,846	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
2,272	SY	INCIDENTAL MILLING
23	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D
10,780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
83,710	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
649	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
4,604	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
126,722	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
132	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF GRATES AND/OR FRAMES ON DROP INLETS
14	EA	GENERIC DRAINAGE ITEM REPAIR OF DROP INLETS
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
145,999	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
54,030	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
3,183	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
8,834	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
48	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
200,029	LF	PAINT PAVEMENT MARKING LINES (6")
3,183	LF	PAINT PAVEMENT MARKING LINES (8")
8,834	LF	PAINT PAVEMENT MARKING LINES (12")
330	LF	PAINT PAVEMENT MARKING LINES (24")
48	EA	PAINT PAVEMENT MARKING SYMBOL
3,346	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,750	EA	GENERIC TRAFFIC CONTROL ITEM REPLACE EXISTING BARRIER DELINEATORS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L100316 005

CONTRACT ID : C202568 7CR.10411.26
 COUNTY : GUILFORD

DIV OFFICE GREENSBORO

LENGTH = 21.111 MI

MILLING, RESURFACING MILLED RUMBLE STRIPS & SHLDR RECONST.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : OCT 01 2010

I-85 BUS/US-70/US-29 FROM US-311 BYP TO SR-1113 (KIVETTE DR) AND 10 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS			
				4.91	ACR SEEDING & MULCHING
				3.35	ACR RESIDENTIAL SEEDING
				3,095	LF UNPAVED TRENCHING (*****) (1, 2")
Lump Sum	LS	MOBILIZATION		50	EA JUNCTION BOX (STANDARD SIZE)
504	CY	BORROW EXCAVATION		45	EA 2" RISER WITH WEATHERHEAD
421	TON	INCIDENTAL STONE BASE		13,228	LF INDUCTIVE LOOP SAWCUT
22.8	SMI	SHOULDER RECONSTRUCTION		7,802	LF LEAD-IN CABLE (*****) (14-2)
270,086	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
9,380	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
11,867	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")			
2,522	SY	INCIDENTAL MILLING			
2,425	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
498	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
1,129	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
18,278	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
70	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
11,783	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
16,894	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
2,379	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
707	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
404	TON	PATCHING EXISTING PAVEMENT			
200,121	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE			
30,394	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)			
15	EA	RETROFIT EXISTING WHEELCHAIR RAMPS			
3	EA	CONCRETE WHEELCHAIR RAMPS			
67	EA	ADJUSTMENT OF MANHOLES			
80	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL			
153,953	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
114,298	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
102	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
4,648	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
3,729	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
185	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)			
2,026	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
64	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
334	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
244,313	LF	PAINT PAVEMENT MARKING LINES (4")			
30	LF	PAINT PAVEMENT MARKING LINES (6")			
4,899	LF	PAINT PAVEMENT MARKING LINES (8")			
185	LF	PAINT PAVEMENT MARKING LINES (12")			
1,947	LF	PAINT PAVEMENT MARKING LINES (24")			
298	EA	PAINT PAVEMENT MARKING SYMBOL			
759	EA	SNOWPLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 006

CONTRACT ID : C202327 33551.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.349 MI

COUNTY : MONTGOMERY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2011

BRIDGE OVER ROCK CREEK AND APPROACHES ON NC-109.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+82.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
1,500	CY	UNDERCUT EXCAVATION
1,000	TON	CLASS IV SUBGRADE STABILIZA- TION
440	CY	DRAINAGE DITCH EXCAVATION
1,000	CY	SELECT GRANULAR MATERIAL
1,500	SY	FABRIC FOR SOIL STABILIZATION
50	SY	FOUNDATION CONDITIONING FABRIC
20	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
24	LF	15" DRAINAGE PIPE
28	LF	18" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
96	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE
111	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
1,040	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,540	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
150	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
15	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
7	EA	RIGHT OF WAY MARKERS
112	CY	SUBDRAIN EXCAVATION
84	CY	SUBDRAIN FINE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
15	EA	4" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
14	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
520	LF	REMOVE EXISTING GUARDRAIL
400	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
335	TON	RIP RAP, CLASS B
1,290	SY	FILTER FABRIC FOR DRAINAGE
210	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
11	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, TYPE F
9	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
90	SF	WORK ZONE SIGNS (STATIONARY)
115	SF	WORK ZONE SIGNS (PORTABLE)
115	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
60	EA	DRUMS
25	EA	CONES

40	LF	BARRICADES (TYPE III)
1,080	HR	FLAGGER
160	EA	TEMPORARY RAISED PAVEMENT MARKERS
3,764	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
4,449	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
460	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
30,670	LF	PAINT PAVEMENT MARKING LINES (4")
170	LF	PAINT PAVEMENT MARKING LINES (8")
200	LF	PAINT PAVEMENT MARKING LINES (24")
24	EA	PAINT PAVEMENT MARKING CHARAC- TER
8	EA	PAINT PAVEMENT MARKING SYMBOL
23	EA	PERMANENT RAISED PAVEMENT MARKERS
2,725	LF	TEMPORARY SILT FENCE
185	TON	STONE FOR EROSION CONTROL, CLASS A
215	TON	STONE FOR EROSION CONTROL, CLASS B
160	TON	SEDIMENT CONTROL STONE
5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
2.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
755	CY	SILT EXCAVATION
9,000	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
350	SY	PERMANENT SOIL REINFORCEMENT MAT
425	LF	1/4" HARDWARE CLOTH
185	LF	WATTLE
45	LB	POLYACRYLAMIDE (PAM)
555	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.4	ACR	REFORESTATION
2	EA	RELOCATE EXISTING SIGN

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (14+82.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+82.50-L-)
284	CY	FOUNDATION EXCAVATION

771	CY	UNCLASSIFIED STRUCTURE EXCAVATION
3,785	SF	REINFORCED CONCRETE DECK SLAB
4,324	SF	GROOVING BRIDGE FLOORS
95.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+82.50-L-)
11,825	LB	REINFORCING STEEL (BRIDGE)
571	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
104,700	LS	APPROX LBS STRUCTURAL STEEL
227.67	LF	CONCRETE BARRIER RAIL
166	TON	RIP RAP CLASS II (2'-0" THICK)
185	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 007

CONTRACT ID : C202337 33784.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.132 MI

COUNTY : MOORE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : OCT 15 2010

BRIDGE OVER ABERDEEN CREEK AND APPROACHES ON SR-1105.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+82.50-L-)
85	CY	SHALLOW UNDERCUT
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
250	CY	UNDERCUT EXCAVATION
150	TON	CLASS IV SUBGRADE STABILIZATION
250	SY	FABRIC FOR SOIL STABILIZATION
Lump Sum	LS	GENERIC GRADING ITEM GRADING
30	SY	FOUNDATION CONDITIONING FABRIC
10	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
36	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE
38	TON	AGGREGATE BASE COURSE
190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
190	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
9	EA	RIGHT OF WAY MARKERS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
115	LF	SHOULDER BERM GUTTER
225	LF	STEEL BM GUARDRAIL
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
3	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	RIP RAP, CLASS B
410	SY	FILTER FABRIC FOR DRAINAGE
315	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
970	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
970	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6	EA	PERMANENT RAISED PAVEMENT MARKERS
1,125	LF	TEMPORARY SILT FENCE
175	TON	STONE FOR EROSION CONTROL, CLASS A
25	TON	STONE FOR EROSION CONTROL, CLASS B
100	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
35	CY	SILT EXCAVATION
6,400	SY	MATTING FOR EROSION CONTROL
400	LF	1/4" HARDWARE CLOTH
45	LF	COIR FIBER BAFFLES
0.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING

50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
6	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+82.50-L-)
4	EA	PDA TESTING
4	EA	PDA ASSISTANCE
45.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+82.50-L-)
7,048	LB	REINFORCING STEEL (BRIDGE)
600	LF	HP12X53 STEEL PILES
780	LF	HP12X53 GALVANIZED STEEL PILES
16	EA	STEEL PILE POINTS
10	EA	PILE REDRIVES
265.5	LF	VERTICAL CONCRETE BARRIER RAIL
257	TON	RIP RAP CLASS II (2'-0" THICK)
285	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,325	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 008

CONTRACT ID : C202544 45310.3.ST1

DIV OFFICE ABERDEEN

LENGTH = 0.880 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 9.0% COMPLETION DATE : MAY 01 2011

3 ROUNDABOUTS ALONG SR-1952 (HIGHPOINT ST) AT THE WAL-MART ENTRANCE, SR-1950 (W ACADEMY ST) AND SR-1989 (TIGERS DEN RD)

ROADWAY ITEMS					
			100	EA	SKINNY DRUM
			8,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			8,455	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
			1,935	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
			1,240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			137	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			22,679	LF	PAINT PAVEMENT MARKING LINES (4")
			1,204	LF	PAINT PAVEMENT MARKING LINES (8")
			723	LF	PAINT PAVEMENT MARKING LINES (24")
			28	EA	PAINT PAVEMENT MARKING CHARACTER
			51	EA	PAINT PAVEMENT MARKING SYMBOL
			5,369	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			664	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			122	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			6	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			80	LF	GENERIC PAVEMENT MARKING ITEM THERMO RAISED TRUNCATED DOMES 90 MILS
			453	EA	PERMANENT RAISED PAVEMENT MARKERS
			Lump Sum	LS	PORTABLE LIGHTING
			40	LF	2" WATER LINE
			20	LF	6" WATER LINE
			80	LF	12" WATER LINE
			2	EA	RELOCATE WATER METER
			3	EA	RELOCATE FIRE HYDRANT
			20	LF	4" SANITARY GRAVITY SEWER
			900	LF	TEMPORARY SILT FENCE
			45	TON	STONE FOR EROSION CONTROL, CLASS A
			80	TON	STONE FOR EROSION CONTROL, CLASS B
			195	TON	SEDIMENT CONTROL STONE
			2	ACR	TEMPORARY MULCHING
			400	LF	SAFETY FENCE
			1,525	SY	MATTING FOR EROSION CONTROL
			550	LF	1/4" HARDWARE CLOTH
			610	LF	WATTLE
			35	LB	POLYACRYLAMIDE (PAM)
			430	LF	COIR FIBER BAFFLES
			2.5	ACR	SEEDING & MULCHING
			1,050	SY	SODDING
			2,120	LF	SIGNAL CABLE
			12	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			3	EA	RELOCATE EXISTING VEHICLE SIGNAL HEAD
			690	LF	MESSANGER CABLE (3/8")
			20	LF	UNPAVED TRENCHING (***** (3, 2"))
			1	EA	WOOD POLE
			3	EA	GUY ASSEMBLY
			1	EA	1" RISER WITH WEATHERHEAD
			3	EA	2" RISER WITH WEATHERHEAD
			1,450	LF	INDUCTIVE LOOP SAWCUT
			2,820	LF	LEAD-IN CABLE (***** (14-2))
			1	EA	RELOCATE EXISTING SIGN
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
780	SY	FOUNDATION CONDITIONING FABRIC			
250	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
1,900	LF	15" RC PIPE CULVERTS, CLASS IV			
432	LF	18" RC PIPE CULVERTS, CLASS IV			
843	LF	PIPE REMOVAL			
160	TON	INCIDENTAL STONE BASE			
4,540	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 4")			
11,720	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
4,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
4,470	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
965	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
0.07	CY	PIPE PLUGS			
10	CY	FLOWABLE FILL			
30	EA	MASONRY DRAINAGE STRUCTURES			
2.14	LF	MASONRY DRAINAGE STRUCTURES			
6	EA	FRAME WITH TWO GRATES, STD 840.24			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
1	EA	FRAME WITH COVER, STD 840.54			
600	LF	***X ** CONCRETE CURB (8" X 12")			
880	LF	1'-6" CONCRETE CURB & GUTTER			
5,180	LF	2'-6" CONCRETE CURB & GUTTER			
940	SY	4" CONCRETE SIDEWALK			
12	EA	CONCRETE WHEELCHAIR RAMPS			
145	SY	4" CONCRETE ISLAND COVERS			
1,970	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
1,210	SY	GENERIC PAVING ITEM 7" CONCRETE TRUCK APRON			
1	EA	ADJUSTMENT OF CATCH BASINS			
5	EA	ADJUSTMENT OF MANHOLES			
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
16	TON	RIP RAP, CLASS B			
52	SY	FILTER FABRIC FOR DRAINAGE			
1,515	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
1	EA	SIGN ERECTION, TYPE D			
101	EA	SIGN ERECTION, TYPE E			
5	EA	SIGN ERECTION, TYPE F			
849	SF	WORK ZONE SIGNS (STATIONARY)			
549	SF	WORK ZONE SIGNS (PORTABLE)			
189	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
4	EA	CHANGEABLE MESSAGE SIGN			
350	EA	DRUMS			
50	EA	CONES			
494	LF	BARRICADES (TYPE III)			
550	HR	FLAGGER			
72	HR	LAW ENFORCEMENT			

8 EA DETECTOR CARD (TYPE 2070L)
1 EA TRAFFIC SIGNAL REMOVAL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 009

CONTRACT ID : C202333 33035.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.136 MI

COUNTY : ANSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : OCT 01 2010

BRIDGE OVER SOUTH FORK JONES CREEK & APPROACHES ON SR-1127.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (21+25.00 -L-)
100	CY	SHALLOW UNDERCUT
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
250	CY	UNDERCUT EXCAVATION
200	TON	CLASS IV SUBGRADE STABILIZATION
242	CY	DRAINAGE DITCH EXCAVATION
1,250	SY	FABRIC FOR SOIL STABILIZATION
1,500	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
10	SY	FOUNDATION CONDITIONING FABRIC
5	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
100	TON	INCIDENTAL STONE BASE
250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
190	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
19	LF	SHOULDER BERM GUTTER
25	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
130	TON	RIP RAP, CLASS B
1,150	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
302	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
5,760	LF	PAINT PAVEMENT MARKING LINES (4")
1,850	LF	TEMPORARY SILT FENCE
230	TON	STONE FOR EROSION CONTROL, CLASS A
100	TON	STONE FOR EROSION CONTROL, CLASS B
125	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
310	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
450	LF	SAFETY FENCE
300	CY	SILT EXCAVATION
8,000	SY	MATting FOR EROSION CONTROL
50	SY	COIR FIBER MAT
40	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
280	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
1	ACR	MOWING

50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
12	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (21+25.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+25.00 -L-)
24	LF	3'-0" DIA DRILLED PIERS IN SOIL
18	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
16	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+25.00 -L-)
53.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+25.00 -L-)
11,386	LB	REINFORCING STEEL (BRIDGE)
1,108	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
250	LF	HP12X53 STEEL PILES
335.5	LF	VERTICAL CONCRETE BARRIER RAIL
350	TON	RIP RAP CLASS II (2'-0" THICK)
390	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,676.26	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 010

CONTRACT ID : C202567 36727.3.41

DIV OFFICE ALBEMARLE

LENGTH = 9.000 MI

COUNTY : MECKLENBURG

CLEANING & PAINTING OF EXISTING STRUCTURES.

DBE GOAL 0.0% COMPLETION DATE : OCT 31 2011

I-77.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,838	SF	WORK ZONE SIGNS (PORTABLE)
44	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	FLASHING ARROW PANELS, TYPE C
6	EA	CHANGEABLE MESSAGE SIGN
300	EA	DRUMS
48	LF	BARRICADES (TYPE III)
6	EA	TMIA
450	HR	LAW ENFORCEMENT
112	EA	SKINNY DRUM
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #153
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #202
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #205
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #286
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #312
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #323
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #334
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #349
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #355
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #356
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #357
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #362
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING BRIDGE #19

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 011

CONTRACT ID : C202401 45106.3.ST1

DIV OFFICE NORTH WILKESBORO

LENGTH = 8.068 MI

COUNTY : WILKES

WIDENING, GRADING, DRAINAGE, AND PAVEMENT REHABILITATION.

DBE GOAL 10.0% COMPLETION DATE : NOV 15 2010

NC-115 FROM US-421 TO THE IREDELL COUNTY LINE.

ROADWAY ITEMS

			850	TON	RIP RAP, CLASS B
			1,210	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	MOBILIZATION	Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM
Lump Sum	LS	GRADING			TRAFFIC CONTROL
990	SY	FOUNDATION CONDITIONING FABRIC	86,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
320	TON	GENERIC DRAINAGE ITEM	72,549	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		FOUNDATION CONDITIONING MATERIAL, MINOR STRS	180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
1,912	LF	15" DRAINAGE PIPE	3,000	LF	PAINT PAVEMENT MARKING LINES (4")
796	LF	18" DRAINAGE PIPE	533	EA	SNOWPLOWABLE PAVEMENT MARKERS
60	LF	24" DRAINAGE PIPE	37,150	LF	TEMPORARY SILT FENCE
144	LF	GENERIC PIPE ITEM	453	TON	STONE FOR EROSION CONTROL, CLASS B
		18" RC PIPE CULVERTS, CLASS III	214	TON	SEDIMENT CONTROL STONE
40	LF	GENERIC PIPE ITEM	2	ACR	TEMPORARY MULCHING
		24" RC PIPE CULVERTS, CLASS III	500	LB	SEED FOR TEMPORARY SEEDING
4	LF	GENERIC PIPE ITEM	2	TON	FERTILIZER FOR TEMPORARY SEEDING
		30" RC PIPE CULVERTS, CLASS III	2,450	CY	SILT EXCAVATION
1,795	LF	PIPE REMOVAL	9,500	SY	MATTING FOR EROSION CONTROL
36	EA	PIPE CLEAN-OUT	5,600	SY	PERMANENT SOIL REINFORCEMENT MAT
968	TON	INCIDENTAL STONE BASE	1,200	LF	1/4" HARDWARE CLOTH
634	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")	170	LB	POLYACRYLAMIDE (PAM)
11,120	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1,200	LF	COIR FIBER BAFFLES
10,810	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	24	ACR	SEEDING & MULCHING
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)	500	LB	SEED FOR REPAIR SEEDING
1,140	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	TON	FERTILIZER FOR REPAIR SEEDING
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	10	EA	RESPONSE FOR EROSION CONTROL
28,400	SY	GENERIC PAVING ITEM			
		PAVEMENT FABRIC			
35	CY	SUBDRAIN EXCAVATION			
20	CY	SUBDRAIN FINE AGGREGATE			
100	LF	6" PERFORATED SUBDRAIN PIPE			
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE (SUBDRAINS)			
14.5	CY	PIPE COLLARS			
39	EA	MASONRY DRAINAGE STRUCTURES			
39	EA	FRAME WITH TWO GRATES, STD 840.22			
10	SY	4" CONCRETE SIDEWALK			
75	SY	6" CONCRETE DRIVEWAY			
3,178	LF	GENERIC PAVING ITEM			
		8" X 6" ASPHALT CURB			
14,300	LF	STEEL BM GUARDRAIL			
750	LF	STEEL BM GUARDRAIL, SHOP CURVED			
25	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)			
26	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
96	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
226	LF	REMOVE EXISTING GUARDRAIL			
8	EA	GENERIC GUARDRAIL ITEM			
		25' CLEAR SPAN GUARDRAIL SECTIONS			
14	EA	GENERIC GUARDRAIL ITEM			
		ANCHOR GUARDRAIL POST ON BOX CULVERT			
325	EA	GENERIC GUARDRAIL ITEM			
		EXTRA LENGTH GUARDRAIL POST (9' STEEL)			
500	LF	WOVEN WIRE FENCE RESET			
2,200	LF	BARBED WIRE FENCE RESET			
3,084	LF	GENERIC FENCING ITEM			
		MISC FENCE RESET			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 012

CONTRACT ID : C202336 33717.3.1

DIV OFFICE SHELBY

LENGTH = 0.096 MI

COUNTY : CLEVELAND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : OCT 15 2010

BRIDGE OVER SANDY RUN CREEK AND APPROACHES ON SR-1327.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION							
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+97 -L-)							
100	CY	SHALLOW UNDERCUT							
Lump Sum	LS	GRADING							
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING							
250	CY	UNDERCUT EXCAVATION							
200	TON	CLASS IV SUBGRADE STABILIZATION							
550	SY	FABRIC FOR SOIL STABILIZATION							
230	SY	ROCK PLATING							
20	SY	FOUNDATION CONDITIONING FABRIC							
20	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS							
52	LF	15" DRAINAGE PIPE							
4	EA	*** DRAINAGE PIPE ELBOWS (15")							
8	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE							
25	TON	INCIDENTAL STONE BASE							
120	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B							
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B							
20	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22							
0.5	CY	PIPE COLLARS							
2	EA	MASONRY DRAINAGE STRUCTURES							
2	EA	FRAME WITH TWO GRATES, STD 840.29							
40	LF	SHOULDER BERM GUTTER							
112.5	LF	STEEL BM GUARDRAIL							
5	EA	ADDITIONAL GUARDRAIL POSTS							
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)							
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77							
50	LF	ADDITIONAL BARBED WIRE							
504	LF	** STRAND BARBED WIRE FENCE WITH POSTS (5)							
1	EA	DOUBLE GATES, *** HIGH, ** WIDE, ** OPENING (48" X 9-8" X 19'-4")							
2	TON	RIP RAP, CLASS B							
1,360	SY	FILTER FABRIC FOR DRAINAGE							
326	SF	WORK ZONE SIGNS (STATIONARY)							
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)							
96	LF	BARRICADES (TYPE III)							
352	LF	6" WATER LINE							
2	EA	6" VALVE							
310	LF	ABANDON 6" UTILITY PIPE							
550	LF	TEMPORARY SILT FENCE							
250	TON	STONE FOR EROSION CONTROL, CLASS A							
50	TON	STONE FOR EROSION CONTROL, CLASS B							
375	TON	SEDIMENT CONTROL STONE							
1	ACR	TEMPORARY MULCHING							
50	LB	SEED FOR TEMPORARY SEEDING							
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING							
250	LF	TEMPORARY SLOPE DRAINS							
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS							
900	LF	SAFETY FENCE							
250	CY	SILT EXCAVATION							
7,800	SY	MATTING FOR EROSION CONTROL							
25	SY	COIR FIBER MAT							
150	SY	PERMANENT SOIL REINFORCEMENT MAT							

425	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
25	LF	WATTLE
5	LB	POLYACRYLAMIDE (PAM)
150	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
12	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+97.00-L-)
81.75	LF	3'-6" DIA DRILLED PIERS IN SOIL
36	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
19.64	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	SPT TESTING
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+97.00-L-)
71.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+97.00-L-)
23,850	LB	REINFORCING STEEL (BRIDGE)
4,544	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
330	LF	HP12X53 STEEL PILES
285.5	LF	VERTICAL CONCRETE BARRIER RAIL
330	TON	RIP RAP CLASS II (2'-0" THICK)
365	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,425	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L100316 013****CONTRACT ID : C202536 42579.3.3****DIV OFFICE SHELBY****LENGTH = 0.198 MI****COUNTY : CATAWBA****BRIDGE DECK PERSERVATION.****DBE GOAL 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS****BRIDGE NO. 91 ON NC-127 ACROSS THE CATAWBA RIVER.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
45	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
629	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	CHANGEABLE MESSAGE SIGN
46	EA	CONES
144	LF	BARRICADES (TYPE III)
1,980	HR	FLAGGER
240	HR	LAW ENFORCEMENT
4,400	LF	POLYUREA PAVEMENT MARKING LINES (4" *****) (HIGHLY REFLECTIVE ELEMENTS)
0.2	ACR	SEEDING & MULCHING
32,008	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	EVAZOTE JOINT SEALS
246	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
3,557	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
3,557	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC - VERY EARLY STRENGTH
3,961	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L100316 014

CONTRACT ID : C202264 34400.3.1

DIV OFFICE ASHEVILLE

LENGTH = 5.079 MI

COUNTY : RUTHERFORD

GRADING, DRAINAGE, PAVING, STRUCTURES & RR REALIGNMENT.

MBE GOAL 5.0% WBE 8.0% COMPLETION DATE : JUN 01 2014

US-221 FROM SOUTH CAROLINA LINE TO SOUTH OF FLOYD'S CREEK.

		ROADWAY ITEMS			
			1,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
			900	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
Lump Sum	LS	MOBILIZATION	750	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	42,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
	3	ACR SUPPLEMENTARY CLEARING & GRUBBING	3,300	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	19	EA SEALING ABANDONED WELLS	2,520	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+49.00 LT)	200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+49.00 RT)	353	EA	RIGHT OF WAY MARKERS
	12,500	CY UNDERCUT EXCAVATION	672	CY	SUBDRAIN EXCAVATION
	5,000	CY SHALLOW UNDERCUT	336	CY	SUBDRAIN FINE AGGREGATE
	10,000	TON CLASS IV SUBGRADE STABILIZATION	2,000	LF	6" PERFORATED SUBDRAIN PIPE
	9,700	CY DRAINAGE DITCH EXCAVATION	60	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
	2,500	LF BERM DITCH CONSTRUCTION	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
	42,000	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	24	LF	6" OUTLET PIPE (SUBDRAINS)
	9,600	SY BREAKING OF EXISTING ASPHALT PAVEMENT	30	TON	BLOTTING SAND
	45	HR PROOF ROLLING	37.6	CY	ENDWALLS
	15,000	SY FABRIC FOR SOIL STABILIZATION	10	CY	REINFORCED ENDWALLS
	987	SF TEMPORARY SHORING	8.121	CY	PIPE COLLARS
	3,500	SY ROCK PLATING	5.66	CY	PIPE PLUGS
	7,000	CY GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	213	EA	MASONRY DRAINAGE STRUCTURES
	400	SY GENERIC GRADING ITEM FILTER FABRIC FOR ROADBED STABILIZATION	14.6	CY	MASONRY DRAINAGE STRUCTURES
	8,320	SY FOUNDATION CONDITIONING FABRIC	199.53	LF	MASONRY DRAINAGE STRUCTURES
	2,650	TON GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL MINOR STRS	27	EA	FRAME WITH TWO GRATES, STD 840.16
	1,060	LF 15" SIDE DRAIN PIPE	113	EA	FRAME WITH TWO GRATES, STD 840.22
	556	LF 18" SIDE DRAIN PIPE	57	EA	FRAME WITH TWO GRATES, STD 840.29
	180	LF 54" RC PIPE CULVERTS, CLASS III	8	EA	FRAME WITH COVER, STD 840.54
	344	LF ***** RC PIPE CULVERTS, CLASS IV (30")	27	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
	100	LF ***** RC PIPE CULVERTS, CLASS IV (48")	200	LF	1'-6" CONCRETE CURB & GUTTER
	960	LF 15" CS PIPE CULVERTS, 0.064" THICK	10,000	LF	SHOULDER BERM GUTTER
	264	LF 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	1	EA	MODIFIED CONCRETE FLUME
	1,344	LF 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	600	LF	CONCRETE EXPRESSWAY GUTTER
	792	LF 24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	390	SY	6" CONCRETE DRIVEWAY
	6	EA 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	140	SY	4" CONCRETE PAVED DITCH
	34	EA 18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	1,700	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
	26	EA 24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	8,600	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	80	LF GENERIC PIPE ITEM 8" DUCTILE IRON PIPE	160	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
	2,570	LF PIPE REMOVAL	96,500	LF	GENERIC PAVING ITEM MILLED RUMBLE STRIPS
	3	EA PIPE CLEAN-OUT	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
	150	SY 6" SLOPE PROTECTION	13,400	LF	STEEL BM GUARDRAIL
Lump Sum	LS	FINE GRADING	125	LF	STEEL BM GUARDRAIL, SHOP CURVED
Lump Sum	SY	LIME TREATED SOIL (SLURRY METHOD)	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
	1,000	TON LIME FOR LIME TREATED SOIL	10	EA	ADDITIONAL GUARDRAIL POSTS
	60	TON #57 STONE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
	17,000	TON STABILIZER AGGREGATE	28	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	100,000	SY SOIL CEMENT BASE	33	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
	2,800	TON PORTLAND CEMENT FOR SOIL CEMENT BASE	4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
	30,000	GAL ASPHALT CURING SEAL	12	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
	11,500	TON INCIDENTAL STONE BASE	1,055	LF	REMOVE EXISTING GUARDRAIL
	2,625	GAL PRIME COAT	11,845	LF	TEMPORARY STEEL BM GUARDRAIL
			47	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			47,000	LF	WOVEN WIRE FENCE, 47" FABRIC
			2,850	EA	4" TIMBER FENCE POSTS, 7'-6" LONG

				1	EA	REMOVE FIRE HYDRANT		
			60,000	LF	TEMPORARY SILT FENCE			
			24,100	TON	STONE FOR EROSION CONTROL, CLASS A			
940	EA	5" TIMBER FENCE POSTS, 8'-0" LONG		21,000	TON	STONE FOR EROSION CONTROL, CLASS B		
885	TON	RIP RAP, CLASS I		14,500	TON	SEDIMENT CONTROL STONE		
150	TON	RIP RAP, CLASS II		360	ACR	TEMPORARY MULCHING		
1,700	TON	RIP RAP, CLASS B		5,050	LB	SEED FOR TEMPORARY SEEDING		
29,600	SY	FILTER FABRIC FOR DRAINAGE		22	TON	FERTILIZER FOR TEMPORARY SEED- ING		
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON		15,500	LF	TEMPORARY SLOPE DRAINS		
2,210	TON	AGGREGATE BASE COURSE (SUB- BALLAST)		78	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS		
1,415	LF	RAILROAD TRACK TO BE CONSTRUC- TED		22,000	LF	SAFETY FENCE		
1,135	LF	RAILROAD TRACK TO BE REMOVED & RELAID		67,000	CY	SILT EXCAVATION		
2,655	LF	RAILROAD TRACK TO BE REMOVED		150,000	SY	MATTING FOR EROSION CONTROL		
500	LF	RAILROAD TRACK TO BE LINED		1,000	SY	COIR FIBER MAT		
1	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS		5,600	SY	PERMANENT SOIL REINFORCEMENT MAT		
381	LB	SUPPORTS, BREAKAWAY STEEL BEAM		7,700	LF	1/4" HARDWARE CLOTH		
304	LB	SUPPORTS, SIMPLE STEEL BEAM		375	LF	*** TEMPORARY PIPE (18")		
4,590	LF	SUPPORTS, 3-LB STEEL U-CHANNEL		50	EA	SPECIAL STILLING BASINS		
12	EA	SIGN ERECTION, TYPE D		3,000	LB	POLYACRYLAMIDE (PAM)		
230	EA	SIGN ERECTION, TYPE E		30,000	LF	COIR FIBER BAFFLES		
16	EA	SIGN ERECTION, TYPE F		53	EA	*** SKIMMER (1-1/2")		
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)		145	ACR	SEEDING & MULCHING		
		(B)		230.5	ACR	MOWING		
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)		2,700	LB	SEED FOR REPAIR SEEDING		
		(D)		7.5	TON	FERTILIZER FOR REPAIR SEEDING		
63	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL		3,075	LB	SEED FOR SUPPLEMENTAL SEEDING		
				92.25	TON	FERTILIZER TOPDRESSING		
3	EA	DISPOSAL OF SIGN SYSTEM, WOOD		375	LF	IMPERVIOUS DIKE		
4	EA	DISPOSAL OF SUPPORT, U-CHANNEL		100	MHR	SPECIALIZED HAND MOWING		
2,672	SF	WORK ZONE SIGNS (STATIONARY)		72	EA	RESPONSE FOR EROSION CONTROL		
480	SF	WORK ZONE SIGNS (PORTABLE)		360	CY	CULVERT DIVERSION CHANNEL		
934	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)		5	ACR	REFORESTATION		
2	EA	FLASHING ARROW PANELS, TYPE C						
4	EA	CHANGEABLE MESSAGE SIGN						
1,000	EA	DRUMS						***** BEGIN SCHEDULE AA ***** ***** (2 ALTERNATES) *****
100	EA	CONES		690,000	CY	UNCLASSIFIED EXCAVATION		
680	LF	BARRICADES (TYPE III)		105,000	TON	AGGREGATE BASE COURSE		
2	EA	TEMPORARY CRASH CUSHIONS		36,000	CY	SHOULDER BORROW		
2	EA	TMIA		22,500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
305	LF	PORTABLE CONCRETE BARRIER		46,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
80	HR	LAW ENFORCEMENT		3,505	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM FLAGGERS						*** OR ***
823	EA	TEMPORARY RAISED PAVEMENT MARKERS						
126,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)		672,000	CY	UNCLASSIFIED EXCAVATION		
28,364	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)		10,500	TON	AGGREGATE BASE COURSE		
133	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)		7,500	CY	SHOULDER BORROW		
30,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)		70,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
256	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)		40,500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)		5,290	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
138	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)						*** END SCHEDULE AA ***
2,621	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)		5,932	LF	15" RC PIPE CULVERTS, CLASS III		
502,190	LF	PAINT PAVEMENT MARKING LINES (4")		8,972	LF	18" RC PIPE CULVERTS, CLASS III		
1,360	LF	PAINT PAVEMENT MARKING LINES (24")		5,240	LF	24" RC PIPE CULVERTS, CLASS III		
84	EA	PAINT PAVEMENT MARKING SYMBOL		340	LF	30" RC PIPE CULVERTS, CLASS III		
10,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")		312	LF	36" RC PIPE CULVERTS, CLASS III		
2,111	EA	SNOWPLOWABLE PAVEMENT MARKERS		80	LF	48" RC PIPE CULVERTS, CLASS III		
3	EA	7' U-CHANNEL POSTS						*** OR ***
3	EA	OBJECT MARKERS (END OF ROAD)		3,580	LF	15" RC PIPE CULVERTS, CLASS III		
95	LF	2" WATER LINE		4,956	LF	18" RC PIPE CULVERTS, CLASS III		
44	LF	4" WATER LINE		2,396	LF	24" RC PIPE CULVERTS, CLASS III		
383	LF	6" WATER LINE		216	LF	30" RC PIPE CULVERTS, CLASS III		
916	LF	8" WATER LINE		172	LF	36" RC PIPE CULVERTS, CLASS III		
424	LF	16" WATER LINE		28	LF	48" RC PIPE CULVERTS, CLASS III		
2	EA	6" VALVE						
1	EA	8" VALVE						
1	EA	8" TAPPING VALVE						
38	EA	RELOCATE WATER METER						
1	EA	FIRE HYDRANT						
5	EA	RELOCATE FIRE HYDRANT						
3	EA	REMOVE WATER METER						

			168	LF	**_*_*_*_* DIA DRILLED PIERS NOT IN SOIL (4'-6")		
2,352	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (15", .064")	103.03	LF	PERMANENT STEEL CASING FOR **_*_*_*_* DIA DRILLED PIER (4'-6")		
4,016	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (18", .064")	4	EA	SID INSPECTION		
			8	EA	CROSSHOLE SONIC LOGGING		
2,844	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (24", .064")	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (96+49.00-L-LT)		
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (96+49.00-L-RT)		
124	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (30", .079")	41,748	SF	REINFORCED CONCRETE DECK SLAB		
			38,152	SF	GROOVING BRIDGE FLOORS		
			627.4	CY	CLASS A CONCRETE (BRIDGE)		
140	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (36", .079")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (96+49.00-L-LT)		
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (96+49.00-L-RT)		
52	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (48", .109")	293,592	LB	REINFORCING STEEL (BRIDGE)		
			90,596	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)		
		*** OR ***	28,673	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)		
3,580	LF	15" RC PIPE CULVERTS, CLASS III	5,281.66	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS		
4,956	LF	18" RC PIPE CULVERTS, CLASS III	1,982,800	LS	APPROX LBS STRUCTURAL STEEL		
2,396	LF	24" RC PIPE CULVERTS, CLASS III	15,575	LF	HP12X53 STEEL PILES		
216	LF	30" RC PIPE CULVERTS, CLASS III	265	EA	STEEL PILE POINTS		
172	LF	36" RC PIPE CULVERTS, CLASS III	154	SY	METHOD A WATERPROOFING		
28	LF	48" RC PIPE CULVERTS, CLASS III	2,127.28	LF	CONCRETE BARRIER RAIL		
			528	SY	4" SLOPE PROTECTION		
2,352	LF	***" HDPE PIPE CULVERTS (15")	2,947	TON	RIP RAP CLASS II (2'-0" THICK)		
4,016	LF	***" HDPE PIPE CULVERTS (18")	3,275	SY	FILTER FABRIC FOR DRAINAGE		
2,844	LF	***" HDPE PIPE CULVERTS (24")	Lump Sum	LS	ELASTOMERIC BEARINGS		
			Lump Sum	LS	EXPANSION JOINT SEALS		
124	LF	***" HDPE PIPE CULVERTS (30")	Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (45+00.89 -L-)		
			Lump Sum	LS	GENERIC STRUCTURE ITEM FOUNDATION EXCAVATION AT ABUTMENT 1		
140	LF	***" HDPE PIPE CULVERTS (36")	Lump Sum	LS	GENERIC STRUCTURE ITEM FOUNDATION EXCAVATION AT PIER 1		
52	LF	***" HDPE PIPE CULVERTS (48")	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING STRUCTURAL STEEL		
		*** END SCHEDULE AB ***	Lump Sum	LS	GENERIC STRUCTURE ITEM ROCKER BEARING ASSEMBLIES		
			Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY RAILROAD SHORING		
			558	LF	GENERIC STRUCTURE ITEM METAL HANDRAIL		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (224+63.70-L-)	1,425.1	CY	GENERIC STRUCTURE ITEM SUBSTRUCTURE CONCRETE		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (234+89.70-L-)	444.6	CY	GENERIC STRUCTURE ITEM SUPERSTRUCTURE CONCRETE		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (261+30.70-L-)	8,660	SF	GENERIC STRUCTURE ITEM DAMPPROOFING (RAILROAD STRUCTURES)		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (31+32.10-L-)	12,844	SF	GENERIC STRUCTURE ITEM WATERPROOFING (RAILROAD STRUCTURES)		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (40+98.50-L-)					
273	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT					
465.2	CY	CLASS A CONCRETE (CULVERT)					
61,514	LB	REINFORCING STEEL (CULVERT)					

CULVERT ITEMS

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (96+49.00-L-LT)					
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (96+49.00-L-RT)					
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (96+49.00-L-LT)					
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (45+00.89-L-)					
173.66	LF	**_*_*_*_* DIA DRILLED PIERS IN SOIL (4'-6")					

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 015

CONTRACT ID : C202542 45066.3.ST2

DIV OFFICE ASHEVILLE

LENGTH = 3.570 MI

COUNTY : BUNCOMBE, MADISON

BRIDGE DECK PRESERVATION

DBE GOAL 3.0% COMPLETION DATE : AUG 01 2011

I-26, I-40, I-240, US-19/23 (FUTURE I-26), US-25/70, SR-1001 & ISLAND ROAD.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
237	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
15	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3,092	SF	WORK ZONE SIGNS (STATIONARY)
522	SF	WORK ZONE SIGNS (PORTABLE)
459	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
14	EA	FLASHING ARROW PANELS, TYPE C
35	EA	CHANGEABLE MESSAGE SIGN
1,800	EA	DRUMS
100	EA	CONES
1,208	LF	BARRICADES (TYPE III)
204	MD	FLAGGER
5	EA	TEMPORARY CRASH CUSHIONS
5	EA	RESET TEMPORARY CRASH CUSHIONS
12	EA	TMLA
4,210	LF	PORTABLE CONCRETE BARRIER
4,210	LF	RESET PORTABLE CONCRETE BARRIER
1,404	HR	LAW ENFORCEMENT
300	EA	SKINNY DRUM
750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
144	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,600	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
16,013	LF	PAINT PAVEMENT MARKING LINES (4")
800	LF	PAINT PAVEMENT MARKING LINES (8")
14,057	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
63	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
320	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
800	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
78	EA	SNOWPLOWABLE PAVEMENT MARKERS
1.6	ACR	SEEDING & MULCHING
141,819	SF	GROOVING BRIDGE FLOORS
3,003	SY	CLASS IB, SURFACE PREPARATION
89	CY	LATEX MODIFIED CONC OVERLAY
1,283	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
	LS	EVAZOTE JOINT SEALS
1,306.8	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONC OVERLAY - VERY EARLY STRENGTH
2,185	SF	GENERIC STRUCTURE ITEM CLASS II CONC DECK REPAIR FOR EPOXY/ASPHALT OVERLAY
175,627	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
17,954	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
16,671	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONCRETE OVERLAY - VERY EARLY STRENGTH
17,954	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 016

CONTRACT ID : C202090 33511.3.1

DIV OFFICE SYLVA

LENGTH = 0.114 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : NOV 15 2010

BRIDGE OVER SCOTTS CREEK & APPROACHES ON SR-1437 (HOSPITAL RD).

ROADWAY ITEMS

			2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			60	TON	RIP RAP, CLASS I
			4	TON	RIP RAP, CLASS B
Lump Sum	LS	MOBILIZATION	930	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+79.00)	1.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
	70	CY			SHALLOW UNDERCUT
Lump Sum	LS	GRADING	1	EA	SIGN ERECTION, TYPE E
	1	ACR	396	SF	WORK ZONE SIGNS (STATIONARY)
	100	CY	192	SF	WORK ZONE SIGNS (PORTABLE)
	125	TON	154	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	120	CY	34	EA	DRUMS
	100	SY	34	EA	CONES
	100	CY	160	LF	BARRICADES (TYPE III)
	145	SY	3,840	HR	FLAGGER
	46	TON	48	EA	SKINNY DRUM
	200	LF	8,096	LF	PAINT PAVEMENT MARKING LINES (4")
	112	LF	540	LF	PAINT PAVEMENT MARKING LINES (16")
	112	LF	640	LF	PAINT PAVEMENT MARKING LINES (24")
	222	LF	24	EA	PAINT PAVEMENT MARKING CHARACTER
	20	TON	16	EA	PAINT PAVEMENT MARKING SYMBOL
	220	TON	1	EA	6" VALVE
	270	TON	2	EA	8" VALVE
	580	TON	2	EA	RELOCATE WATER METER
	60	TON	1	EA	RELOCATE FIRE HYDRANT
	21	TON	191	LF	ABANDON 8" UTILITY PIPE
	25	CY	2	EA	GENERIC UTILITY ITEM STEEL H PILE PIERS
	20	CY	60	LF	GENERIC UTILITY ITEM 8" DUCTILE IRON RIGID RESTRAINED JOINT WATER PIPE
	100	LF	98	LF	GENERIC UTILITY ITEM 6" WATER LINE RESTRAINED JOINT DUCTILE IRON
	3	EA	184	LF	GENERIC UTILITY ITEM 8" WATER LINE RESTRAINED JOINT DUCTILE IRON
	1	EA	81	LF	GENERIC UTILITY ITEM 8" WATER LINE RESTRAINED JOINT DUCTILE IRON CLASS 56
	6	LF	1,500	LF	TEMPORARY SILT FENCE
	6	EA	200	TON	STONE FOR EROSION CONTROL, CLASS A
	7	EA	150	TON	STONE FOR EROSION CONTROL, CLASS B
	5	LF	225	TON	SEDIMENT CONTROL STONE
	2	EA	1	ACR	TEMPORARY MULCHING
	2	EA	50	LB	SEED FOR TEMPORARY SEEDING
	1	EA	1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
	1	EA	750	LF	SAFETY FENCE
	1	EA	355	CY	SILT EXCAVATION
	1	EA	925	SY	MATTING FOR EROSION CONTROL
	1	EA	10	SY	COIR FIBER MAT
	1	EA	260	LF	1/4" HARDWARE CLOTH
	1	EA	6	EA	SPECIAL STILLING BASINS
	645	LF	40	LF	WATTLE
	170	SY	12	LB	POLYACRYLAMIDE (PAM)
	4	EA	60	LF	COIR FIBER BAFFLES
	60	SY	1	EA	*** SKIMMER (1-1/2")
	10	EA	5	ACR	SEEDING & MULCHING
	1	EA	0.5	ACR	MOWING
	1	EA	50	LB	SEED FOR REPAIR SEEDING
	1	EA	0.25	TON	FERTILIZER FOR REPAIR SEEDING
	1	EA	50	LB	SEED FOR SUPPLEMENTAL SEEDING
	62.5	LF	0.5	TON	FERTILIZER TOPDRESSING
	5	EA	5	MHR	SPECIALIZED HAND MOWING
	2	EA	12	EA	RESPONSE FOR EROSION CONTROL
					***** (III, SHOP CURVED)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+79.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+79.00-L-)
9.5	LF	3'-6" DIA DRILLED PIERS IN SOIL
30	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
12.3	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
885	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
28.3	CY	CLASS AA CONCRETE (BRIDGE)
75.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+79.00-L)
16,538	LB	REINFORCING STEEL (BRIDGE)
711	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,173	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
440	LF	HP12X53 STEEL PILES
110.25	LF	ONE BAR METAL RAIL
110.25	LF	THREE BAR METAL RAIL
117.75	LF	1'-***"X *****" CONCRETE PARA- PET (1'-0" X 1'-10 1/2")
579	TON	RIP RAP CLASS II (2'-0" THICK)
643	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,882	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 017

CONTRACT ID : C202067 34623.2.2

DIV OFFICE SYLVA

LENGTH = 2.779 MI

COUNTY : HENDERSON

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURES.

DBE GOAL 12.0% COMPLETION DATE : AUG 01 2013

SR-1783 (UPWARD RD) FROM US-176 TO SR-1006 (HOWARD GAP RD).

ROADWAY ITEMS					
			65	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
Lump Sum	LS	MOBILIZATION	10,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM DRY DETENTION POND	200	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 3")
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	500	SY	INCIDENTAL MILLING
60,000	CY	UNCLASSIFIED EXCAVATION	31,240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+60.00 -L-)	37,450	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (93+20.90 -L-)	26,950	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,250	CY	UNDERCUT EXCAVATION	2,350	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
500	TON	CLASS IV SUBGRADE STABILIZA- TION	4,900	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
109,700	CY	BORROW EXCAVATION	500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
610	CY	DRAINAGE DITCH EXCAVATION	1,008	CY	SUBDRAIN EXCAVATION
25,300	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	504	CY	SUBDRAIN FINE AGGREGATE
20	HR	PROOF ROLLING	3,000	LF	6" PERFORATED SUBDRAIN PIPE
500	SY	FABRIC FOR SOIL STABILIZATION	90	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
7,225	SF	TEMPORARY SHORING	6	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
2,900	SY	ROCK PLATING	36	LF	6" OUTLET PIPE (SUBDRAINS)
600	CY	GENERIC GRADING ITEM EXCAVATION, HAULING AND PLACE- MENT OF PESTICIDE CONTAMINATED SOIL	10	TON	BLOTTING SAND
500	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	12	CY	ENDWALLS
100	TON	GENERIC GRADING ITEM EXCAVATION, HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	15	CY	REINFORCED ENDWALLS
2,572	SY	FOUNDATION CONDITIONING FABRIC	1	CY	PIPE COLLARS
2,050	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	1	CY	PIPE PLUGS
492	LF	15" SIDE DRAIN PIPE	14	CY	FLOWABLE FILL
20	LF	24" SIDE DRAIN PIPE	238	EA	MASONRY DRAINAGE STRUCTURES
2,800	LF	24" RC PIPE CULVERTS, CLASS III	5	CY	MASONRY DRAINAGE STRUCTURES
356	LF	48" RC PIPE CULVERTS, CLASS III	200	LF	MASONRY DRAINAGE STRUCTURES
328	LF	72" RC PIPE CULVERTS, CLASS III	63	EA	FRAME WITH GRATE, STD 840.**** (840.16)
268	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	4	EA	FRAME WITH TWO GRATES, STD 840.29
72	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
76	LF	36" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK	74	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
2	EA	***" BIT COAT CS PIPE ELBOWS, TYPE B *****" THICK (36", 0.079")	76	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
10	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	14	EA	FRAME WITH COVER, STD 840.54
2	EA	18" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK	17	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
5,448	LF	PIPE REMOVAL	31	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
2	EA	PIPE CLEAN-OUT	60	LF	***X*** CONCRETE CURB (8" x 12")
Lump Sum	LS	FINE GRADING	8,450	LF	1'-6" CONCRETE CURB & GUTTER
15,300	SY	LIME TREATED SOIL (SLURRY METHOD)	29,020	LF	2'-6" CONCRETE CURB & GUTTER
160	TON	LIME FOR LIME TREATED SOIL	290	LF	SHOULDER BERM GUTTER
20	TON	#57 STONE	130	LF	CONCRETE EXPRESSWAY GUTTER
1,000	TON	STABILIZER AGGREGATE	130	EA	CONCRETE WHEELCHAIR RAMPS
24,500	TON	AGGREGATE BASE COURSE	1,200	SY	6" CONCRETE DRIVEWAY
23,000	SY	SOIL CEMENT BASE	5,390	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
635	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE	7	EA	ADJUSTMENT OF CATCH BASINS
5,730	GAL	ASPHALT CURING SEAL	1	EA	ADJUSTMENT OF DROP INLETS
7,500	TON	INCIDENTAL STONE BASE	30	EA	ADJUSTMENT OF MANHOLES
1,515	GAL	PRIME COAT	103	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
			1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX

			192	SF	WORK ZONE SIGNS (PORTABLE)
			100	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			4	EA	FLASHING ARROW PANELS, TYPE C
			2	EA	CHANGEABLE MESSAGE SIGN
			42	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
			500	EA	DRUMS
			100	EA	CONES
			560	LF	BARRICADES (TYPE III)
			4,000	MD	FLAGGER
			6	EA	TEMPORARY CRASH CUSHIONS
			4	EA	RESET TEMPORARY CRASH CUSHIONS
			2	EA	TMIA
			850	LF	PORTABLE CONCRETE BARRIER
			150	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			850	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
			200	LF	RESET PORTABLE CONCRETE BARRIER
			200	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
			200	LF	WATER FILLED BARRIER
			200	LF	RESET WATER FILLED BARRIER
			800	HR	LAW ENFORCEMENT
			180	EA	SKINNY DRUM
			3,303	EA	TEMPORARY RAISED PAVEMENT MARKERS
			15,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			34,620	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			3,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			3,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			315	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			8,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			334,200	LF	PAINT PAVEMENT MARKING LINES (4")
			13,800	LF	PAINT PAVEMENT MARKING LINES (8")
			3,200	LF	PAINT PAVEMENT MARKING LINES (24")
			8	EA	PAINT PAVEMENT MARKING CHARACTER
			545	EA	PAINT PAVEMENT MARKING SYMBOL
			15,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			2,500	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			1,235	EA	SNOWPLOWABLE PAVEMENT MARKERS
			12	EA	7' U-CHANNEL POSTS
			12	EA	OBJECT MARKERS (END OF ROAD)
			4	EA	100' HIGH MOUNT STANDARD
			1	EA	PORTABLE DRIVE UNIT
			24.4	CY	HIGH MOUNT FOUNDATIONS
			24	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)
			1	EA	ELECTRIC SERVICE POLE ***** (30' CLASS 4)
			50	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
			1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)
			305	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
			200	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
			450	LF	** #8 W/G FEEDER CIRCUIT (2)
			330	LF	** #6 W/G FEEDER CIRCUIT (2)
			120	LF	** #4 W/G FEEDER CIRCUIT (2)
			1,530	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2')
2	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO TRAFFIC BEARING JUNCTION BOX			
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
2,500	LF	STEEL BM GUARDRAIL			
400	LF	STEEL BM GUARDRAIL, SHOP CURVED			
15	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)			
5	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
5	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
1,530	LF	REMOVE EXISTING GUARDRAIL			
525	LF	TEMPORARY STEEL BM GUARDRAIL			
75	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			
840	LF	WOVEN WIRE FENCE, 47" FABRIC			
50	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
30	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
465	LF	WOVEN WIRE FENCE RESET			
60	LF	BARBED WIRE FENCE RESET			
1,730	LF	CHAIN LINK FENCE RESET			
125	LF	GENERIC FENCING ITEM VINYL FENCE RESET			
455	LF	GENERIC FENCING ITEM WOODEN FENCE RESET			
810	TON	RIP RAP, CLASS I			
30	TON	RIP RAP, CLASS II			
8	TON	RIP RAP, CLASS A			
250	TON	RIP RAP, CLASS B			
56	TON	BOULDERS			
4,865	SY	FILTER FABRIC FOR DRAINAGE			
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
9	CY	REINFORCED CONCRETE SIGN FOUNDATIONS			
72	CY	OVERHEAD FOOTING			
5,148	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
1,773	LB	SUPPORTS, SIMPLE STEEL BEAM			
2,548	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+00 -Y1-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (22+70 -Y1-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (27+00 -L-)			
2	EA	SIGN ERECTION, TYPE D			
169	EA	SIGN ERECTION, TYPE E			
11	EA	SIGN ERECTION, TYPE F			
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)			
3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)			
4	EA	SIGN ERECTION, RELOCATE, TYPE *** (GROUND MOUNTED) (A)			
1	EA	SIGN ERECTION, RELOCATE, TYPE *** (GROUND MOUNTED) (B)			
4	EA	SIGN ERECTION, RELOCATE, TYPE *** (GROUND MOUNTED) (E)			
10	EA	DISPOSAL OF SUPPORT, STEEL BEAM			
126	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
4	EA	DISPOSAL OF SUPPORT, U-CHANNEL			
1,014	SF	WORK ZONE SIGNS (STATIONARY)			

			14,730	LF	SIGNAL CABLE	
			110	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
			11	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	
			18	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
			81	EA	BACKPLATE	
			13,600	LF	MESSENGER CABLE (1/4")	
			3,540	LF	MESSENGER CABLE (3/8")	
			1,350	LF	TRACER WIRE	
			320	LF	PAVED TRENCHING (*****) (1, 2")	
			5,030	LF	UNPAVED TRENCHING (*****) (1, 2")	
			205	LF	UNPAVED TRENCHING (*****) (2, 2")	
			30	LF	UNPAVED TRENCHING (*****) (4, 2")	
			640	LF	DIRECTIONAL DRILL (*****) (1, 2")	
			2,615	LF	DIRECTIONAL DRILL (*****) (4, 2")	
			63	EA	JUNCTION BOX (STANDARD SIZE)	
			48	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	
			34	EA	WOOD POLE	
			102	EA	GUY ASSEMBLY	
			8	EA	1" RISER WITH WEATHERHEAD	
			8	EA	2" RISER WITH WEATHERHEAD	
			7	EA	2" RISER WITH HEAT SHRINK TUBING	
			9,284	LF	INDUCTIVE LOOP SAWCUT	
			23,230	LF	LEAD-IN CABLE (*****) (14-2)	
			8	EA	SITE SURVEY	
			27	EA	LUMINAIRE ARM FOR VIDEO SYSTEM	
			2	EA	MICROWAVE VEHICLE DETECTOR	
			19,230	LF	COMMUNICATIONS CABLE (**FIBER) (12)	
			7	EA	INTERCONNECT CENTER	
			7	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT	
			6	EA	DELINEATOR MARKER	
			1	EA	FURNISH FIBER-OPTIC POWER METER	
			1	EA	FURNISH OPTICAL LIGHT GENERATOR	
			1	EA	FURNISH FIBER-OPTIC TRANSCEIVER	
			21	EA	METAL POLE WITH SINGLE MAST ARM	
			2	EA	METAL POLE WITH DUAL MAST ARM	
			23	EA	SOIL TEST	
			184	CY	DRILLED PIER FOUNDATION	
			10	EA	SIGNAL PEDESTAL WITH FOUNDATION	
			23	EA	MAST ARM WITH METAL POLE DESIGN	
			19	EA	SIGN FOR SIGNALS	
			8	EA	SIGNAL CABINET FOUNDATION	
			8	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			52	EA	DETECTOR CARD (TYPE 2070L)	
			8	EA	CABINET BASE EXTENDER	
			1	EA	TRAFFIC SIGNAL REMOVAL	
			2	EA	GENERIC SIGNAL ITEM GPS UNIT	
			23	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR METAL POLE WITH MAST ARM	
					***** BEGIN SCHEDULE AA ***** (3 ALTERNATES) *****	
			9,252	LF	15" RC PIPE CULVERTS, CLASS III	
			4,556	LF	18" RC PIPE CULVERTS, CLASS III	
			816	LF	30" RC PIPE CULVERTS, CLASS III	
			568	LF	36" RC PIPE CULVERTS, CLASS III	
					*** OR ***	
			8,676	LF	15" RC PIPE CULVERTS, CLASS III	
			4,220	LF	18" RC PIPE CULVERTS, CLASS III	
			700	LF	30" RC PIPE CULVERTS, CLASS III	
			540	LF	36" RC PIPE CULVERTS, CLASS III	
			576	LF	*** HDPE PIPE CULVERTS (15")	
920	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1.2")				
300	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")				
5	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)				
3	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)				
Lump Sum	LS	PORTABLE LIGHTING				
8.6	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES				
219	LF	6" WATER LINE				
3,749	LF	8" WATER LINE				
7,423	LF	12" WATER LINE				
60	LF	16" WATER LINE				
1	EA	6" VALVE				
13	EA	8" VALVE				
10	EA	12" VALVE				
1	EA	6" TAPPING VALVE				
1	EA	1" AIR RELEASE VALVE				
52	EA	RELOCATE WATER METER				
5	EA	RECONNECT WATER METER				
16	EA	RELOCATE FIRE HYDRANT				
744	LF	8" SANITARY GRAVITY SEWER				
1,489	LF	10" SANITARY GRAVITY SEWER				
547	LF	24" SANITARY GRAVITY SEWER				
60	LF	6" FORCE MAIN SEWER				
12	EA	SANITARY SEWER CLEAN-OUT				
14	EA	4' DIA UTILITY MANHOLE				
3	EA	5' DIA UTILITY MANHOLE				
40	LF	UTILITY MANHOLE WALL, 4' DIA				
25	LF	UTILITY MANHOLE WALL, 5' DIA				
285	LF	ABANDON *** UTILITY PIPE (3")				
605	LF	ABANDON 6" UTILITY PIPE				
8,526	LF	ABANDON 8" UTILITY PIPE				
974	LF	ABANDON 10" UTILITY PIPE				
1,839	LF	ABANDON 12" UTILITY PIPE				
60	LF	ABANDON 16" UTILITY PIPE				
588	LF	ABANDON 24" UTILITY PIPE				
4	EA	REMOVE WATER METER				
9	EA	REMOVE UTILITY MANHOLE				
150	LF	24" ENCASMENT PIPE				
38,000	LF	TEMPORARY SILT FENCE				
3,700	TON	STONE FOR EROSION CONTROL, CLASS A				
4,500	TON	STONE FOR EROSION CONTROL, CLASS B				
4,800	TON	SEDIMENT CONTROL STONE				
48.5	ACR	TEMPORARY MULCHING				
900	LB	SEED FOR TEMPORARY SEEDING				
5.5	TON	FERTILIZER FOR TEMPORARY SEEDING				
1,650	LF	TEMPORARY SLOPE DRAINS				
19	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
1,500	LF	SAFETY FENCE				
13,700	CY	SILT EXCAVATION				
33,700	SY	MATTING FOR EROSION CONTROL				
50	SY	COIR FIBER MAT				
3,350	SY	PERMANENT SOIL REINFORCEMENT MAT				
6,500	LF	1/4" HARDWARE CLOTH				
260	LF	*** TEMPORARY PIPE (24")				
400	CY	STILLING BASINS				
75	LF	WATTLE				
36	LB	POLYACRYLAMIDE (PAM)				
2,025	LF	COIR FIBER BAFFLES				
8	EA	*** SKIMMER (1-1/2")				
64.5	ACR	SEEDING & MULCHING				
39	ACR	MOWING				
450	LB	SEED FOR REPAIR SEEDING				
1.25	TON	FERTILIZER FOR REPAIR SEEDING				
775	LB	SEED FOR SUPPLEMENTAL SEEDING				
23.25	TON	FERTILIZER TOPDRESSING				
70	LF	IMPERVIOUS DIKE				
55	MHR	SPECIALIZED HAND MOWING				
36	EA	RESPONSE FOR EROSION CONTROL				
0.25	ACR	REFORESTATION				
6	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION WITH COUNTDOWN)				

			5,035	LF	HP12X53 STEEL PILES
			644.3	LF	THREE BAR METAL RAIL
			1,250	SY	4" SLOPE PROTECTION
336	LF	**** HDPE PIPE CULVERTS (18")	510	TON	RIP RAP CLASS II (2'-0" THICK)
116	LF	**** HDPE PIPE CULVERTS (30")	567	SY	FILTER FABRIC FOR DRAINAGE
28	LF	**** HDPE PIPE CULVERTS (36")	Lump Sum	LS	ELASTOMERIC BEARINGS
			Lump Sum	LS	EVAZOTE JOINT SEALS
		*** OR ***			
8,676	LF	15" RC PIPE CULVERTS, CLASS III			
4,220	LF	18" RC PIPE CULVERTS, CLASS III			
700	LF	30" RC PIPE CULVERTS, CLASS III			
540	LF	36" RC PIPE CULVERTS, CLASS III			
576	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")			
336	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (18", 0.064")			
116	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (30", 0.079")			
28	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (36", 0.079")			

*** END SCHEDULE AA ***

***** BEGIN SCHEDULE HA *****
 (2 ALTERNATES) *****

27	EA	CAMERA WITH INTERNAL LOOP EMULATOR PROCESSING UNIT			
		*** OR ***			
27	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT			
8	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT			

*** END SCHEDULE HA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (26+43.00-L-)			
127	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT			
207.2	CY	CLASS A CONCRETE (CULVERT)			
29,578	LB	REINFORCING STEEL (CULVERT)			

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (93+31.40-L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (66+60.00-L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (93+31.40-L-)			
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,93+31.40-L-)			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (66+60.00-L-)			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (93+31.40-L-)			
31,995	SF	REINFORCED CONCRETE DECK SLAB			
30,349	SF	GROOVING BRIDGE FLOORS			
443.3	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+60.00-L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (93+31.40-L-)			
72,195	LB	REINFORCING STEEL (BRIDGE)			
3,070	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
1,376,200	LS	APPROX LBS STRUCTURAL STEEL			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100316 018

CONTRACT ID : C202570 45108.3.ST1

DIV OFFICE SYLVA

LENGTH = 8.110 MI

COUNTY : CHEROKEE

PAVEMENT REHABILITATION, DRAINAGE & GUARDRAIL.

DBE GOAL 6.0% COMPLETION DATE : NOV 15 2010

NC-141 FROM PVMT CHANGE SOUTH OF US-64 ALT TO US-74.

ROADWAY ITEMS

			80	CY	SILT EXCAVATION
			300	LF	1/4" HARDWARE CLOTH
			200	LF	WATTLE
			25	LB	POLYACRYLAMIDE (PAM)
			4.5	ACR	SEEDING & MULCHING
			500	LF	SIGNAL CABLE
			500	LF	MESSENGER CABLE (3/8")
			50	LF	UNPAVED TRENCHING (***** (2, 2"))
			3	EA	JUNCTION BOX (STANDARD SIZE)
			1	EA	WOOD POLE
			2	EA	GUY ASSEMBLY
			1	EA	2" RISER WITH WEATHERHEAD
			120	LF	INDUCTIVE LOOP SAWCUT
			1,200	LF	LEAD-IN CABLE (***** (14-4)
			2	EA	CABLE TRANSFER
Lump Sum	LS	MOBILIZATION			
4,700	CY	UNCLASSIFIED EXCAVATION			
590	CY	UNDERCUT EXCAVATION			
350	SY	FOUNDATION CONDITIONING FABRIC			
110	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
460	LF	GENERIC PIPE ITEM 18" CS PIPE CULVERTS, 0.064" THICK			
75	LF	GENERIC PIPE ITEM 22" HDPE PIPE LINER			
280	LF	GENERIC PIPE ITEM 24" CS PIPE CULVERTS, 0.064" THICK			
260	LF	GENERIC PIPE ITEM 28" HDPE PIPE LINER			
50	LF	GENERIC PIPE ITEM 36" CS PIPE CULVERTS, 0.079" THICK			
135	LF	GENERIC PIPE ITEM 36" HDPE PIPE LINER			
64	LF	GENERIC PIPE ITEM 54" HDPE PIPE LINER			
110	LF	GENERIC PIPE ITEM 63" HDPE PIPE LINER			
380	LF	PIPE REMOVAL			
2,600	TON	AGGREGATE BASE COURSE			
16.2	SMI	SHOULDER CONSTRUCTION			
95,206	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
8,550	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (6")			
10,060	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
19,584	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
10,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
9,740	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
2,569	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
2	EA	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.22			
45	SY	4" CONCRETE PAVED DITCH			
153	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
625	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, MOD)			
10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
520	LF	REMOVE EXISTING GUARDRAIL			
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL			
865,000	LF	PAINT PAVEMENT MARKING LINES (4")			
140	LF	PAINT PAVEMENT MARKING LINES (8")			
400	LF	PAINT PAVEMENT MARKING LINES (24")			
12	EA	PAINT PAVEMENT MARKING CHARAC- TER			
20	EA	PAINT PAVEMENT MARKING SYMBOL			
580	EA	PERMANENT RAISED PAVEMENT MARKERS			
3,200	LF	TEMPORARY SILT FENCE			
450	TON	STONE FOR EROSION CONTROL, CLASS B			
250	TON	SEDIMENT CONTROL STONE			
1	ACR	TEMPORARY MULCHING			

