




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

March 23, 2010

NOTICE TO: All Prospective Bidders

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

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

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

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

- 1) Basic Knowledge Document - Still under development
This document should be no more than 4 or 5 pages that will be available for download from the Work Zone Traffic Control web site. This information is intended for all employees.
- 2) Flagger Training requirement - Effective 7/1/2010
As of July 1, 2010 this program will require all flaggers to be trained to flag traffic by an approved training resource. A list of approved Flagger training courses and Flagger Trainer courses can be found on the following web site:
<http://www.ncdot.gov/doh/preconstruct/wztc/WZTCTrainingProgram/default.html>
No on the job training (OJT) is required. Recertification is every 4 years.
- 3) Work Zone Installer - No formal implementation date
This training will be determined by the employee's supervisor and should address the employee who is responsible for the proper work zone set up and inspection.

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

Every company will be required to have at least one Work Zone Supervisor that is responsible for the proper implementation of the Traffic Management Plan and any other safety and mobility aspects of a project. They will also be responsible for making sure all employees working inside the NCDOT right of way have training, appropriate to the job decisions each individual is required to make. Currently there are two approved training sources for the Work Zone Traffic Control Supervisor requirement: 1) The Institute of Transportation Research and Education (ITRE) contact Tim Baughman, PE 919-515-8654 tbb@unity.ncsu.edu or 2) The American Traffic Safety Services Association (ATSSA) contact Donna Clark 540-368-1701 donnac@atssa.com. Additional training resources may be approved as the program progresses. Recertification requirements to be determined.

5) Work Zone Traffic Control Design Training - Effective date to be determined

This training requirement is for anyone responsible for designing Traffic Management Plans over and above the use of typical drawings in the MUTCD.

We will continue to work with our industry partners through our Work Zone Qualification and Training Committee meetings and address all the issues that remain in the coming year. Additional information can be found on our web site at:

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

If you have questions or want to find out how you can be involved with this committee, contact Stuart Bourne at (919) 250-4159 or sbourne@ncdot.gov




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 23, 2010

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

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

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

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

The Metric Specifications Book is a mirror image of the 2006 (English) Specifications Book, except for the conversion to metric units and dimensions. The 2006 Metric Standard Drawings is a mirror image of the 2006 (English) Standard Drawings, except that Standards 840.25 and 700.01 have been updated to match Details 840D25 and 700D01. The Specifications and Standards are available in .pdf on the 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.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACTS & PROPOSALS
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4124
FAX: 919-250-4127

WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B - ENTRANCE B 15
1020 BIRCH RIDGE DRIVE
RALEIGH NC

UPDATED March 19, 2010

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
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
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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
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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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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
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
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON MAY 18, 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 7.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS APRIL 20, 2010.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 16Oct2009)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Robert W Lewis, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L100518

RPN	Contract Id	WBS	County	Length	JobType
001	C202334	33162.3.2	BEAUFORT	1.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C202377	33698.3.1	BEAUFORT	0.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C202017	34538.3.6	CRAVEN	2.256 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
004	C202589	42579.3.5	BRUNSWICK	0.359 MI	BRIDGE DECK PRESERVATION.
005	C202379	35871.3.1	WAKE	1.449 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNAL, AND STRUCTURE.
006	C202328	33809.3.1	SCOTLAND	0.161 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C202388	42729.3.1	CABARRUS	0.714 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.
008	C202575	10CR.10901.22	ET UNION	6.750 MI	WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.
009	C202374	33472.3.1	GASTON	0.095 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
010	C202590	45066.3.ST2 ETC.	BUNCOMBE, MADISON	3.570 MI	BRIDGE DECK PRESERVATION
011	C202240	34427.3.2	MACON	2.500 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
012	C202588	45344.3.1	HENDERSON	5.578 MI	INSTALL MEDIAN GUARDRAIL.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100518 001

CONTRACT ID : C202334 33162.3.2

DIV OFFICE GREENVILLE

LENGTH = 1.152 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER PANTEGO CREEK AND APPROACHES ON NC-99.

ROADWAY ITEMS				
			1	EA GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			240	TON RIP RAP, CLASS II
			100	TON RIP RAP, CLASS B
Lump Sum	LS	MOBILIZATION	1,125	SY FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA SUPPORTS, BARRIER (SMALL)
Lump Sum	LS	FIELD OFFICE	537	LF SUPPORTS, WOOD
	1	ACR SUPPLEMENTARY CLEARING & GRUB-BING	5	EA SIGN ERECTION, TYPE D
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (43+25.00)	14	EA SIGN ERECTION, TYPE E
			2	EA SIGN ERECTION, TYPE F
			1	EA SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
5,000	CY	UNDERCUT EXCAVATION	2	EA SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
Lump Sum	LS	GRADING	1	EA DISPOSAL OF SUPPORT, WOOD
43,700	CY	BORROW EXCAVATION	1	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4,160	CY	DRAINAGE DITCH EXCAVATION	21	EA DISPOSAL OF SIGN SYSTEM, WOOD
5,000	CY	SELECT GRANULAR MATERIAL, CLASS III	615	SF WORK ZONE SIGNS (STATIONARY)
			711	SF WORK ZONE SIGNS (PORTABLE)
6,500	SY	FABRIC FOR SOIL STABILIZATION	119	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
118	SF	TEMPORARY SHORING	85	EA DRUMS
3,200	CY	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	30	EA CONES
			112	LF BARRICADES (TYPE III)
500	SY	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION	4,800	HR FLAGGER
			2	EA TEMPORARY CRASH CUSHIONS
1,800	SY	GENERIC GRADING ITEM FILTER FABRIC FOR ROCK EMBANKMENTS	2	EA TMIA
			360	LF PORTABLE CONCRETE BARRIER
700	SY	GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCEMENT	60	EA SKINNY DRUM
			179	EA TEMPORARY RAISED PAVEMENT MARKERS
3,400	TON	GENERIC GRADING ITEM ROCK EMBANKMENTS	40	LF THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,800	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI	46	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			2	EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
90	SY	FOUNDATION CONDITIONING FABRIC	3	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
30	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS	13,408	LF COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			37,887	LF PAINT PAVEMENT MARKING LINES (4")
84	LF	15" DRAINAGE PIPE	80	LF PAINT PAVEMENT MARKING LINES (16")
24	LF	18" DRAINAGE PIPE	100	LF PAINT PAVEMENT MARKING LINES (24")
96	LF	24" DRAINAGE PIPE	4	EA PAINT PAVEMENT MARKING CHARACTER
2	EA	*** DRAINAGE PIPE ELBOWS (15")	6	EA PAINT PAVEMENT MARKING SYMBOL
			24,421	LF POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
75	LF	GENERIC PIPE ITEM 18" DUCTILE IRON PIPE	1,000	LF REMOVAL OF PAVEMENT MARKING LINES (4")
			76	EA PERMANENT RAISED PAVEMENT MARKERS
96	LF	PIPE REMOVAL	30,500	LF TEMPORARY SILT FENCE
1,377	TON	AGGREGATE BASE COURSE	310	TON STONE FOR EROSION CONTROL, CLASS A
1,000	TON	INCIDENTAL STONE BASE	965	TON STONE FOR EROSION CONTROL, CLASS B
1,530	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	835	TON SEDIMENT CONTROL STONE
			19.5	ACR TEMPORARY MULCHING
1,150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	400	LB SEED FOR TEMPORARY SEEDING
			2.75	TON FERTILIZER FOR TEMPORARY SEEDING
2,510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	800	LF TEMPORARY SLOPE DRAINS
			15	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
275	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	19,000	LF SAFETY FENCE
			620	CY SILT EXCAVATION
500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	20,000	SY MATTING FOR EROSION CONTROL
			15	SY COIR FIBER MAT
44.8	CY	SUBDRAIN EXCAVATION		
33.6	CY	SUBDRAIN FINE AGGREGATE		
200	LF	6" PERFORATED SUBDRAIN PIPE		
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS		
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET		
6	LF	6" OUTLET PIPE (SUBDRAINS)		
2	EA	MASONRY DRAINAGE STRUCTURES		
2	EA	FRAME WITH TWO GRATES, STD 840.29		
95	LF	SHOULDER BERM GUTTER		
3,312.5	LF	STEEL BM GUARDRAIL		
10	EA	ADDITIONAL GUARDRAIL POSTS		
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III		
9	EA	GUARDRAIL ANCHOR UNITS, TYPE 350		
3,752	LF	REMOVE EXISTING GUARDRAIL		
450	LF	TEMPORARY STEEL BM GUARDRAIL		

330	SY	PERMANENT SOIL REINFORCEMENT MAT
1,900	LF	1/4" HARDWARE CLOTH
4,150	SY	FLOATING TURBIDITY CURTAIN
100	LF	WATTLE
25	LB	POLYACRYLAMIDE (PAM)
1,900	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2')
18	ACR	SEEDING & MULCHING
18	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.75	TON	FERTILIZER FOR REPAIR SEEDING
375	LB	SEED FOR SUPPLEMENTAL SEEDING
11.25	TON	FERTILIZER TOPDRESSING
40	MHR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
1.6	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (43+25.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (43+25.00-L-)
7	EA	PDA TESTING
7	EA	PDA ASSISTANCE
115,886	SF	REINFORCED CONCRETE DECK SLAB
97,742	SF	GROOVING BRIDGE FLOORS
630.4	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (43+25.00-L-)
118,089	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
3,231.885	LF	45" PRESTRESSED CONCRETE GIR- DERS
10,115.979	LF	54" PRESTRESSED CONCRETE GIR- DERS
525	LF	16" PRESTRESSED CONC PILES
7,815	LF	20" PRESTRESSED CONC PILES
9,690	LF	24" PRESTRESSED CONC PILES
123	EA	PILE REDRIVES
6,684	LF	TWO BAR METAL RAIL
6,699.5	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" x 2'-6")
317	TON	RIP RAP CLASS II (2'-0" THICK)
353	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (43+25.00-L-)
Lump Sum	LS	SOLAR ARRAY SUPPORT PLATFORM
360	LF	GENERIC STRUCTURE ITEM PREDRILLING FOR PILES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100518 002

CONTRACT ID : C202377 33698.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.152 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER ALBEMARLE CANAL AND APPROACHES ON SR-1626.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+86.00)
700	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
700	SY	FABRIC FOR SOIL STABILIZATION
700	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
60	SY	FOUNDATION CONDITIONING FABRIC
20	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
12	LF	15" DRAINAGE PIPE
76	LF	24" DRAINAGE PIPE
1	EA	*** DRAINAGE PIPE ELBOWS (24")
80	LF	15" RC PIPE CULVERTS, CLASS IV
32	LF	PIPE REMOVAL
200	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
370	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
90	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
260	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
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)
4	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.16
3	EA	FRAME WITH TWO GRATES, STD 840.29
95	LF	SHOULDER BERM GUTTER
75	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
35	TON	RIP RAP, CLASS I
1	TON	RIP RAP, CLASS B
510	SY	FILTER FABRIC FOR DRAINAGE
427	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	CONES
64	LF	BARRICADES (TYPE III)
20	MD	FLAGGER
2,500	LF	TEMPORARY SILT FENCE
250	TON	STONE FOR EROSION CONTROL, CLASS A
20	TON	STONE FOR EROSION CONTROL, CLASS B
80	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS

4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,400	LF	SAFETY FENCE
25	CY	SILT EXCAVATION
1,750	SY	MATTING FOR EROSION CONTROL
450	SY	COIR FIBER MAT
350	LF	1/4" HARDWARE CLOTH
125	SY	FLOATING TURBIDITY CURTAIN
40	LF	WATTLE
9	LB	POLYACRYLAMIDE (PAM)
45	LF	COIR FIBER BAFFLES
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	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 ***** (12+86.00-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (12+86.00-L-)
46.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+86.00-L-)
8,244	LB	REINFORCING STEEL (BRIDGE)
250	LF	12" PRESTRESSED CONC PILES
680	LF	16" PRESTRESSED CONC PILES
26	EA	PILE REDRIVES
255.2	LF	VERTICAL CONCRETE BARRIER RAIL
135	TON	RIP RAP CLASS II (2'-0" THICK)
150	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,273.33	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100518 003

CONTRACT ID : C202017 34538.3.6

DIV OFFICE GREENVILLE

LENGTH = 2.256 MI

COUNTY : CRAVEN

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2012

US-17 FROM NORFOLK & SOUTHERN RR TO NORTH OF SR-1433 (ANTIOCH RD).

ROADWAY ITEMS				
			14.2	CY REINFORCED ENDWALLS
			2.7	CY PIPE COLLARS
			0.23	CY PIPE PLUGS
Lump Sum	LS	MOBILIZATION	42	EA MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CONSTRUCTION SURVEYING	11.2	CY MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	FIELD OFFICE	7	EA FRAME WITH GRATE, STD 840.**** (840.16)
	15	DAY GENERIC MISCELLANEOUS ITEM CONTAMINATED WATER STORAGE VESSEL	33	EA FRAME WITH TWO GRATES, STD 840.24
	250	CY SHALLOW UNDERCUT	2	EA FRAME WITH TWO GRATES, STD 840.29
	1	ACR SUPPLEMENTARY CLEARING & GRUB- BING	1	EA FRAME WITH COVER, STD 840.54
	28,505	CY UNDERCUT EXCAVATION	2,180	LF ***X*** CONCRETE CURB (8" X 18")
Lump Sum	LS	GRADING	45	SY 4" CONCRETE PAVED DITCH
	500	TON CLASS IV SUBGRADE STABILIZA- TION	1,300	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	40,300	CY BORROW EXCAVATION	912.5	LF STEEL BM GUARDRAIL
	300	CY DRAINAGE DITCH EXCAVATION	2	EA STEEL BM GUARDRAIL TERMINAL SECTIONS
	15	HR PROOF ROLLING	5	EA ADDITIONAL GUARDRAIL POSTS
	33,700	CY SELECT GRANULAR MATERIAL, CLASS III	5	EA GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	29,610	SY FABRIC FOR SOIL STABILIZATION	5	EA GUARDRAIL ANCHOR UNITS, TYPE 350
	4,350	SF TEMPORARY SHORING	512.5	LF TEMPORARY STEEL BM GUARDRAIL
Lump Sum	LS	GENERIC GRADING ITEM SUBGRADE IMPROVEMENT FIELD TEST	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
	500	TON GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	18,080	LF WOVEN WIRE FENCE, 47" FABRIC
	7,330	SY FOUNDATION CONDITIONING FABRIC	1,020	EA 4" TIMBER FENCE POSTS, 7'-6" LONG
	1,539	TON GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	525	EA 5" TIMBER FENCE POSTS, 8'-0" LONG
	28	LF *** SIDE DRAIN PIPE (30")	600	LF CHAIN LINK FENCE, 48" FABRIC
	902	LF 15" SIDE DRAIN PIPE	55	EA METAL LINE POSTS FOR 48" CHAIN LINK FENCE
	298	LF 18" SIDE DRAIN PIPE	15	EA METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
	244	LF 24" SIDE DRAIN PIPE	300	LF ADDITIONAL BARBED WIRE
	4,838	LF 15" RC PIPE CULVERTS, CLASS III	135	TON RIP RAP, CLASS I
	704	LF 18" RC PIPE CULVERTS, CLASS III	65	TON RIP RAP, CLASS B
	1,044	LF 24" RC PIPE CULVERTS, CLASS III	3,675	SY FILTER FABRIC FOR DRAINAGE
	212	LF 30" RC PIPE CULVERTS, CLASS III	1	CY REINFORCED CONCRETE SIGN FOUN- DATIONS
	220	LF 72" RC PIPE CULVERTS, CLASS III	457	LB SUPPORTS, BREAKAWAY STEEL BEAM
	18	EA *** PIPE END SECTION (15")	155	LF SUPPORTS, 3-LB STEEL U-CHANNEL
	8	EA *** PIPE END SECTION (18")	5	EA SUPPORTS, 2-LB STEEL U-CHANNEL
	1,288	LF PIPE REMOVAL	1,802	LF SUPPORTS, WOOD
	1,650	TON STABILIZER AGGREGATE	16	EA SIGN ERECTION, TYPE D
	700	TON INCIDENTAL STONE BASE	113	EA SIGN ERECTION, TYPE E
	1,500	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	3	EA SIGN ERECTION, TYPE F
	17,400	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA SIGN ERECTION, TYPE *** (GROUND MOUNTED)
	12,220	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4	EA SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
	15,420	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C	4	EA DISPOSAL OF SUPPORT, WOOD
	960	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	2	EA DISPOSAL OF SIGN SYSTEM, U- CHANNEL
	1,450	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	60	EA DISPOSAL OF SIGN SYSTEM, WOOD
	926	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	703	SF WORK ZONE SIGNS (STATIONARY)
	330	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	192	SF WORK ZONE SIGNS (PORTABLE)
	840	CY SUBDRAIN EXCAVATION	176	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	420	CY SUBDRAIN FINE AGGREGATE	1	EA FLASHING ARROW PANELS, TYPE C
	2,500	LF 6" PERFORATED SUBDRAIN PIPE	2	EA CHANGEABLE MESSAGE SIGN
	75	EA 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	120	EA DRUMS
	5	EA CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	50	EA CONES
	30	LF 6" OUTLET PIPE (SUBDRAINS)	550	LF BARRICADES (TYPE III)
	1.5	CY ENDWALLS	120	MD FLAGGER
			1	EA TMIA
			40	HR LAW ENFORCEMENT
			897	EA TEMPORARY RAISED PAVEMENT MARKERS
			5,070	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			6,616	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)

47,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
9,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
830	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
203	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
720	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
10	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
50	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
199,150	LF	PAINT PAVEMENT MARKING LINES (4")
1,650	LF	PAINT PAVEMENT MARKING LINES (8")
406	LF	PAINT PAVEMENT MARKING LINES (16")
1,430	LF	PAINT PAVEMENT MARKING LINES (24")
20	EA	PAINT PAVEMENT MARKING CHARACTER
102	EA	PAINT PAVEMENT MARKING SYMBOL
750	EA	SNOWPLOWABLE PAVEMENT MARKERS
11	EA	7' U-CHANNEL POSTS
11	EA	OBJECT MARKERS (END OF ROAD)
18	LF	2" WATER LINE
350	LF	3" WATER LINE
10	LF	4" WATER LINE
1,795	LF	6" WATER LINE
130	LF	8" WATER LINE
12,059	LF	10" WATER LINE
20	LF	12" WATER LINE
2	EA	*** VALVE (3")
3	EA	2" VALVE
1	EA	4" VALVE
4	EA	6" VALVE
3	EA	8" VALVE
20	EA	10" VALVE
1	EA	12" VALVE
1	EA	3/4" WATER METER
48	EA	RELOCATE WATER METER
1	EA	RECONNECT WATER METER
8	EA	FIRE HYDRANT
1,834	LF	6" FORCE MAIN SEWER
5	EA	REMOVE FIRE HYDRANT
131	LF	6" ENCASEMENT PIPE
331	LF	24" ENCASEMENT PIPE
115	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
115	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
813	LF	TRENCHLESS INSTALLATION OF 10" IN SOIL
813	LF	TRENCHLESS INSTALLATION OF 10" NOT IN SOIL
165.5	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
165.5	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL
14,100	LF	TEMPORARY SILT FENCE
2,815	TON	STONE FOR EROSION CONTROL, CLASS A
1,870	TON	STONE FOR EROSION CONTROL, CLASS B
1,090	TON	SEDIMENT CONTROL STONE
24	ACR	TEMPORARY MULCHING
350	LB	SEED FOR TEMPORARY SEEDING
2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
100	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,863	LF	SAFETY FENCE
33,100	CY	SILT EXCAVATION
4,920	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
1,200	LF	1/4" HARDWARE CLOTH
230	LF	*** TEMPORARY PIPE (24")
176	CY	STILLING BASINS
110	LF	WATTLE
68	LB	POLYACRYLAMIDE (PAM)
2,015	LF	COIR FIBER BAFFLES

1	EA	*** SKIMMER (1-1/2")
15	ACR	SEEDING & MULCHING
18.5	ACR	MOWING
300	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
300	LB	SEED FOR SUPPLEMENTAL SEEDING
8.75	TON	FERTILIZER TOPDRESSING
130	LF	IMPERVIOUS DIKE
5	MHR	SPECIALIZED HAND MOWING
54	EA	RESPONSE FOR EROSION CONTROL
1	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (109+35.67-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (66+10.90-L-)
104	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
158.6	CY	CLASS A CONCRETE (CULVERT)
19,738	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L100518 004****CONTRACT ID : C202589 42579.3.5****DIV OFFICE WILMINGTON****LENGTH = 0.359 MI****COUNTY : BRUNSWICK****BRIDGE DECK PRESERVATION.****DBE GOAL 0.0% COMPLETION DATE : NOV 19 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

L100518 005

CONTRACT ID : C202379 35871.3.1

DIV OFFICE DURHAM

LENGTH = 1.449 MI

COUNTY : WAKE

WIDENING, GRADING, DRAINAGE, PAVING, SIGNAL, AND STRUCTURE.

DBE GOAL 13.0% COMPLETION DATE : OCT 01 2012

SR-2812 (TIMBER DRIVE EAST EXTENSION) FROM NC-50 TO SR-2547 (WHITE OAK RD) IN GARNER.

ROADWAY ITEMS					
			168	CY	SUBDRAIN FINE AGGREGATE
			1,000	LF	6" PERFORATED SUBDRAIN PIPE
			30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
Lump Sum	LS	MOBILIZATION	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
Lump Sum	LS	CONSTRUCTION SURVEYING	12	LF	6" OUTLET PIPE (SUBDRAINS)
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	10	TON	BLOTTING SAND
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	12	CY	ENDWALLS
58,200	CY	UNCLASSIFIED EXCAVATION	3	CY	PIPE COLLARS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (33+47.44-EBL)	1	CY	PIPE PLUGS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (33+60.56-WBL)	35	CY	FLOWABLE FILL
2,500	CY	UNDERCUT EXCAVATION	107	EA	MASONRY DRAINAGE STRUCTURES
75,900	CY	BORROW EXCAVATION	65	LF	MASONRY DRAINAGE STRUCTURES
1,238	CY	DRAINAGE DITCH EXCAVATION	32	EA	FRAME WITH TWO GRATES, STD 840.16
520	LF	BERM DITCH CONSTRUCTION	1	EA	FRAME WITH TWO GRATES, STD 840.22
1,350	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	6	EA	FRAME WITH TWO GRATES, STD 840.24
13	HR	PROOF ROLLING	4	EA	FRAME WITH TWO GRATES, STD 840.29
1,650	SY	FABRIC FOR SOIL STABILIZATION	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
1,650	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	23	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
Lump Sum	LS	GENERIC GRADING ITEM EARTHWORK FOR DRY DETENTION BASINS	30	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
4,200	SY	FOUNDATION CONDITIONING FABRIC	10	EA	FRAME WITH COVER, STD 840.54
1,340	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS	31	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
20	LF	15" SIDE DRAIN PIPE	2	EA	*** SLUICE GATE (8")
1,700	LF	30" RC PIPE CULVERTS, CLASS III	10,350	LF	1'-6" CONCRETE CURB & GUTTER
60	LF	42" RC PIPE CULVERTS, CLASS III	16,200	LF	2'-6" CONCRETE CURB & GUTTER
496	LF	***** RC PIPE CULVERTS, CLASS IV (36')	400	LF	SHOULDER BERM GUTTER
76	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	7,500	SY	4" CONCRETE SIDEWALK
40	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	5	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	32	EA	CONCRETE WHEELCHAIR RAMPS
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	400	SY	6" CONCRETE DRIVEWAY
92	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (42", 0.625", B)	30	SY	4" CONCRETE PAVED DITCH
908	LF	PIPE REMOVAL	980	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
Lump Sum	LS	FINE GRADING	2	EA	ADJUSTMENT OF MANHOLES
34,860	SY	LIME TREATED SOIL (SLURRY METHOD)	20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
360	TON	LIME FOR LIME TREATED SOIL	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
500	TON	STABILIZER AGGREGATE	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
20,800	TON	AGGREGATE BASE COURSE	2,175	LF	STEEL BM GUARDRAIL
14,940	SY	SOIL CEMENT BASE	75	LF	STEEL BM GUARDRAIL, SHOP CURVED
420	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE	4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
7,480	GAL	ASPHALT CURING SEAL	20	EA	ADDITIONAL GUARDRAIL POSTS
600	TON	INCIDENTAL STONE BASE	5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
30	LF	DITCHING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
5,400	SY	MILLING ASPHALT PAVEMENT, *** TO ***** DEPTH (0" TO 1-1/2")	5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
300	SY	INCIDENTAL MILLING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	12,450	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (48")
13,950	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1,040	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
12,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	120	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
1,503	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	4	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (48")
80	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	EA	SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (48", 20', 20')
155	EA	RIGHT OF WAY MARKERS			
336	CY	SUBDRAIN EXCAVATION			

258	TON	RIP RAP, CLASS I	350	LB	POLYACRYLAMIDE (PAM)
609	TON	RIP RAP, CLASS B	7,700	LF	COIR FIBER BAFFLES
6,897	SY	FILTER FABRIC FOR DRAINAGE	9	EA	*** SKIMMER (1-1/2")
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	2	EA	*** SKIMMER (4")
1,215	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	30	ACR	SEEDING & MULCHING
64	EA	SIGN ERECTION, TYPE E	36	ACR	MOWING
9	EA	SIGN ERECTION, TYPE F	400	LB	SEED FOR REPAIR SEEDING
11	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	1.25	TON	FERTILIZER FOR REPAIR SEEDING
901	SF	WORK ZONE SIGNS (STATIONARY)	700	LB	SEED FOR SUPPLEMENTAL SEEDING
644	SF	WORK ZONE SIGNS (PORTABLE)	21	TON	FERTILIZER TOPDRESSING
274	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	20	MHR	SPECIALIZED HAND MOWING
2	EA	FLASHING ARROW PANELS, TYPE C	36	EA	RESPONSE FOR EROSION CONTROL
3	EA	CHANGEABLE MESSAGE SIGN	1	ACR	REFORESTATION
40	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)	0.17	ACR	STREAMBANK REFORESTATION
500	EA	DRUMS	18	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION W/COUNTDOWN)
144	LF	BARRICADES (TYPE III)	8,400	LF	SIGNAL CABLE
150	MD	FLAGGER	26	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
3	EA	TMA	5	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
360	HR	LAW ENFORCEMENT	9	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
368	EA	TEMPORARY RAISED PAVEMENT MARKERS	350	LF	MESSENGER CABLE (1/4")
31,170	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	2,500	LF	MESSENGER CABLE (3/8")
19,956	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	2,400	LF	TRACER WIRE
1,034	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	170	LF	PAVED TRENCHING (***** (1, 2")
1,390	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	4,710	LF	UNPAVED TRENCHING (***** (1, 2")
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	625	LF	DIRECTIONAL DRILL (***** (1, 2")
114	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	22	EA	JUNCTION BOX (STANDARD SIZE)
1,661	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)	11	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
43,686	LF	PAINT PAVEMENT MARKING LINES (4")	6	EA	WOOD POLE
2,948	LF	PAINT PAVEMENT MARKING LINES (8")	15	EA	GUY ASSEMBLY
790	LF	PAINT PAVEMENT MARKING LINES (24")	2	EA	1/2" RISER WITH WEATHERHEAD
44	EA	PAINT PAVEMENT MARKING CHARAC- TER	3	EA	1" RISER WITH WEATHERHEAD
176	EA	PAINT PAVEMENT MARKING SYMBOL	6	EA	2" RISER WITH WEATHERHEAD
6,440	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1	EA	2" RISER WITH HEAT SHRINK TUBING
95	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	5,350	LF	INDUCTIVE LOOP SAWCUT
27	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	11,200	LF	LEAD-IN CABLE (***** (14-2)
147	EA	PERMANENT RAISED PAVEMENT MARKERS	1,450	LF	COMMUNICATIONS CABLE (**FIBER) (12)
Lump Sum	LS	PORTABLE LIGHTING	3	EA	INTERCONNECT CENTER
150	LF	8" SANITARY GRAVITY SEWER	3	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
142	LF	18" SANITARY GRAVITY SEWER	5	EA	DELINEATOR MARKER
3	EA	4' DIA UTILITY MANHOLE	1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
21	LF	UTILITY MANHOLE WALL, 4' DIA	12	EA	METAL STRAIN SIGNAL POLE
177	LF	ABANDON 8" UTILITY PIPE	12	EA	SOIL TEST
145	LF	ABANDON 18" UTILITY PIPE	72	CY	DRILLED PIER FOUNDATION
2	EA	ABANDON UTILITY MANHOLE	1	EA	SIGNAL PEDESTAL WITH FOUNDA- TION
1	EA	GENERIC UTILITY ITEM	16	EA	SIGN FOR SIGNALS
10,700	LF	BREAK DOWN AND REBUILD EXISTING UTILITY MANHOLE	3	EA	SIGNAL CABINET FOUNDATION
4,200	TON	TEMPORARY SILT FENCE	3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
3,150	TON	STONE FOR EROSION CONTROL, CLASS A	26	EA	DETECTOR CARD (TYPE 2070L)
3,150	TON	STONE FOR EROSION CONTROL, CLASS B	3	EA	CABINET BASE EXTENDER
4,200	TON	SEDIMENT CONTROL STONE			
48	ACR	TEMPORARY MULCHING			
950	LB	SEED FOR TEMPORARY SEEDING			
6.5	TON	FERTILIZER FOR TEMPORARY SEED- ING			
1,600	LF	TEMPORARY SLOPE DRAINS			
13	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
8,200	LF	SAFETY FENCE			
23,500	CY	SILT EXCAVATION			
25,000	SY	MATTING FOR EROSION CONTROL			
150	SY	COIR FIBER MAT			
500	SY	PERMANENT SOIL REINFORCEMENT MAT			
1,600	LF	1/4" HARDWARE CLOTH			
36	EA	SPECIAL STILLING BASINS			
1,300	LF	COIR FIBER WATTLE			
			4,632	LF	15" RC PIPE CULVERTS, CLASS III
			1,620	LF	18" RC PIPE CULVERTS, CLASS III
			2,100	LF	24" RC PIPE CULVERTS, CLASS III
			1,732	LF	36" RC PIPE CULVERTS, CLASS III
					*** OR ***
			4,436	LF	15" RC PIPE CULVERTS, CLASS III
			1,196	LF	18" RC PIPE CULVERTS, CLASS III
			1,832	LF	24" RC PIPE CULVERTS, CLASS III
			1,524	LF	36" RC PIPE CULVERTS, CLASS III
			196	LF	*** HDPE PIPE CULVERTS (15")
			424	LF	*** HDPE PIPE CULVERTS (18")

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

268	LF	**** HDPE PIPE CULVERTS (24")
208	LF	**** HDPE PIPE CULVERTS (36")
		*** OR ***
4,436	LF	15" RC PIPE CULVERTS, CLASS III
1,196	LF	18" RC PIPE CULVERTS, CLASS III
1,832	LF	24" RC PIPE CULVERTS, CLASS III
1,524	LF	36" RC PIPE CULVERTS, CLASS III
196	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")
424	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (18", 0.064")
268	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (24", 0.064")
208	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (36", 0.064")

*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (33+54.00-L-LT)
227.25	LF	3'-6" DIA DRILLED PIERS IN SOIL
154	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
29.9	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
28.396	SF	REINFORCED CONCRETE DECK SLAB
22,218	SF	GROOVING BRIDGE FLOORS
331.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (33+54.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (33+54.00-L-RT)
108,126	LB	REINFORCING STEEL (BRIDGE)
18,500	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
3,646.66	LF	54" PRESTRESSED CONCRETE GIR- DERS
1,035	LF	HP12X53 STEEL PILES
720.032	LF	THREE BAR METAL RAIL
735.718	LF	CONCRETE BARRIER RAIL
1,580	TON	RIP RAP CLASS II (2'-0" THICK)
1,755	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

L100518 006

CONTRACT ID : C202328 33809.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.161 MI

COUNTY : SCOTLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 16 2010

BRIDGE OVER BIG SHOE HEEL CREEK AND APPROACHES ON US-74B.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION							
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+97.50-L-)							
2,500	CY	UNDERCUT EXCAVATION							
350	CY	SHALLOW UNDERCUT							
Lump Sum	LS	GRADING							
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING							
700	TON	CLASS IV SUBGRADE STABILIZA- TION							
2,000	SY	FABRIC FOR SOIL STABILIZATION							
2,500	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL							
50	SY	FOUNDATION CONDITIONING FABRIC							
20	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS							
144	LF	15" DRAINAGE PIPE							
4	EA	*** DRAINAGE PIPE ELBOWS (15")							
160	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B							
100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B							
370	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B							
35	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22							
8	EA	RIGHT OF WAY MARKERS							
4	EA	MASONRY DRAINAGE STRUCTURES							
4	EA	FRAME WITH TWO GRATES, STD 840.29							
44	LF	SHOULDER BERM GUTTER							
600	LF	STEEL BM GUARDRAIL							
3	EA	ADDITIONAL GUARDRAIL POSTS							
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III							
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350							
4	TON	RIP RAP, CLASS I							
465	SY	FILTER FABRIC FOR DRAINAGE							
577	SF	WORK ZONE SIGNS (STATIONARY)							
115	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)							
1	EA	CHANGEABLE MESSAGE SIGN							
5	EA	DRUMS							
96	LF	BARRICADES (TYPE III)							
1,230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)							
1,230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)							
940	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)							
11	EA	PERMANENT RAISED PAVEMENT MARKERS							
1,470	LF	TEMPORARY SILT FENCE							
225	TON	STONE FOR EROSION CONTROL, CLASS A							
70	TON	STONE FOR EROSION CONTROL, CLASS B							
400	TON	SEDIMENT CONTROL STONE							
2.5	ACR	TEMPORARY MULCHING							
100	LB	SEED FOR TEMPORARY SEEDING							
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING							
375	LF	TEMPORARY SLOPE DRAINS							
7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS							
2,100	LF	SAFETY FENCE							
150	CY	SILT EXCAVATION							
8,500	SY	MATTING FOR EROSION CONTROL							
1,900	LF	1/4" HARDWARE CLOTH							
125	LF	WATTLE							
30	LB	POLYACRYLAMIDE (PAM)							

50	LF	COIR FIBER BAFFLES
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
1.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+97.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+97.50-L-)
3	EA	PDA TESTING
3	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+97.50-L-)
7,870	SF	CONCRETE WEARING SURFACE
8,557	SF	GROOVING BRIDGE FLOORS
78.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+97.50-L-)
13,262	LB	REINFORCING STEEL (BRIDGE)
950	LF	HP12X53 STEEL PILES
1,925	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
38	EA	PILE REDRIVES
465.5	LF	VERTICAL CONCRETE BARRIER RAIL
390	TON	RIP RAP CLASS II (2'-0" THICK)
430	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
2,787	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L100518 007

CONTRACT ID : C202388 42729.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.714 MI

COUNTY : CABARRUS

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : MAY 15 2011

SR-1300 (MOREHEAD RD) - REALIGNMENT OF ROAD AT SPEEDWAY.

ROADWAY ITEMS				
			1	EA CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			6	LF 6" OUTLET PIPE (SUBDRAINS)
			8	CY ENDWALLS
Lump Sum	LS	MOBILIZATION	63	EA MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CONSTRUCTION SURVEYING	55	CY MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	50	LF MASONRY DRAINAGE STRUCTURES
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	5	EA FRAME WITH TWO GRATES, STD 840.16
64,000	CY	UNCLASSIFIED EXCAVATION	7	EA FRAME WITH TWO GRATES, STD 840.24
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (154+25)	16	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
1,000	CY	UNDERCUT EXCAVATION	20	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
100	CY	SHALLOW UNDERCUT	16	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
50	TON	CLASS IV SUBGRADE STABILIZATION	5	EA FRAME WITH COVER, STD 840.54
310	CY	DRAINAGE DITCH EXCAVATION	52	LF FRAME WITH GRATES, DRIVEWAY DROP INLET
9,420	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	22	EA CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
790	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	1	EA CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
10	HR	PROOF ROLLING	5,420	LF 1'-6" CONCRETE CURB & GUTTER
200	SY	FABRIC FOR SOIL STABILIZATION	7,550	LF 2'-6" CONCRETE CURB & GUTTER
200	CY	GENERIC GRADING ITEM	1,940	SY 4" CONCRETE SIDEWALK
		SELECT GRANULAR MATERIAL	34	EA CONCRETE WHEELCHAIR RAMPS
2,220	SY	FOUNDATION CONDITIONING FABRIC	210	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
710	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	4,340	LF GENERIC PAVING ITEM 1'-6" CONCRETE CURB & GUTTER (LMS STANDARD)
2,308	LF	15" RC PIPE CULVERTS, CLASS III	1	EA CONVERT EXISTING DROP INLET TO JUNCTION BOX
1,472	LF	18" RC PIPE CULVERTS, CLASS III	1	EA GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO TBJB WITH MANHOLE COVER
1,076	LF	24" RC PIPE CULVERTS, CLASS III	875	LF STEEL BM GUARDRAIL
380	LF	30" RC PIPE CULVERTS, CLASS III	75	LF STEEL BM GUARDRAIL, SHOP CURVED
176	LF	36" RC PIPE CULVERTS, CLASS III	15	EA ADDITIONAL GUARDRAIL POSTS
92	LF	48" RC PIPE CULVERTS, CLASS III	1	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1
164	LF	54" RC PIPE CULVERTS, CLASS III	2	EA GUARDRAIL ANCHOR UNITS, TYPE CAT-1
896	LF	72" RC PIPE CULVERTS, CLASS III	3	EA GUARDRAIL ANCHOR UNITS, TYPE III
1	EA	*** PIPE END SECTION (24")	2	EA GUARDRAIL ANCHOR UNITS, TYPE 350
60	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	2,075	LF REMOVE & STOCKPILE EXISTING GUARDRAIL
20	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK	5,600	LF VINYL COATED CHAIN LINK FENCE, *** FABRIC (72")
68	LF	42" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK	460	EA METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	50	EA METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
516	LF	PIPE REMOVAL	200	LF ADDITIONAL BARBED WIRE
Lump Sum	LS	FINE GRADING	60	TON RIP RAP, CLASS I
500	LB	SEALING EXISTING PAVEMENT CRACKS	135	TON RIP RAP, CLASS II
11,000	TON	AGGREGATE BASE COURSE	10	TON RIP RAP, CLASS B
500	TON	INCIDENTAL STONE BASE	1,600	SY FILTER FABRIC FOR DRAINAGE
500	SY	INCIDENTAL MILLING	240	SF CONTRACTOR FURNISHED, TYPE *** SIGN (E)
9,050	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	410	LF SUPPORTS, 3-LB STEEL U-CHANNEL
6,990	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	38	EA SIGN ERECTION, TYPE E
5,440	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	5	EA STOCKPILE SUPPORT, OVERHEAD STRUCTURE
720	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	4	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
330	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	21	EA GENERIC SIGNING ITEM STOCKPILE OVERHEAD REVERSIBLE LANE SIGNS
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
39	EA	RIGHT OF WAY MARKERS		
168	CY	SUBDRAIN EXCAVATION		
84	CY	SUBDRAIN FINE AGGREGATE		
500	LF	6" PERFORATED SUBDRAIN PIPE		
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS		

			111,300	LB	REINFORCING STEEL (BRIDGE)
			2,878	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
472	SF	WORK ZONE SIGNS (STATIONARY)	87.5	LF	1'-**X ***** CONCRETE PARAPET (1'-2" X 2'-8")
352	SF	WORK ZONE SIGNS (PORTABLE)	131	LF	** CHAIN LINK FENCE (65")
89	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	Lump Sum	LS	ELASTOMERIC BEARINGS
2	EA	FLASHING ARROW PANELS, TYPE C	1,183.3	LF	3'-0" X 1'-9" PRESTRESSED CONCRETE SLABS
4	EA	CHANGEABLE MESSAGE SIGN	650	SF	MSE RETAINING WALLS
650	EA	DRUMS			
145	EA	CONES			
800	LF	BARRICADES (TYPE III)			
80	MD	FLAGGER			
2	EA	TMA			
64	HR	LAW ENFORCEMENT			
100	EA	SKINNY DRUM			
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
5,780	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
135	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
1,580	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
32	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
43,957	LF	PAINT PAVEMENT MARKING LINES (4")			
150	LF	PAINT PAVEMENT MARKING LINES (8")			
500	LF	PAINT PAVEMENT MARKING LINES (24")			
16	EA	PAINT PAVEMENT MARKING CHARACTER			
50	EA	PAINT PAVEMENT MARKING SYMBOL			
1,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
500	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			
201	EA	PERMANENT RAISED PAVEMENT MARKERS			
5	EA	FLEXIBLE DELINEATORS (YELLOW)			
4,890	LF	TEMPORARY SILT FENCE			
175	TON	STONE FOR EROSION CONTROL, CLASS A			
195	TON	STONE FOR EROSION CONTROL, CLASS B			
840	TON	SEDIMENT CONTROL STONE			
30	ACR	TEMPORARY MULCHING			
1,500	LB	SEED FOR TEMPORARY SEEDING			
8	TON	FERTILIZER FOR TEMPORARY SEEDING			
3,105	CY	SILT EXCAVATION			
20	SY	COIR FIBER MAT			
7,760	SY	PERMANENT SOIL REINFORCEMENT MAT			
2,010	LF	1/4" HARDWARE CLOTH			
1	EA	SPECIAL STILLING BASINS			
400	LF	COIR FIBER BAFFLES			
1	EA	** SKIMMER (2")			
1	EA	** SKIMMER (3")			
30	ACR	SEEDING & MULCHING			
12	EA	RESPONSE FOR EROSION CONTROL			
4	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/COUNTDOWN)			
900	LF	SIGNAL CABLE			
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
1	EA	BACKPLATE			
60	LF	UNPAVED TRENCHING (***** (1, 2"))			
1	EA	JUNCTION BOX (STANDARD SIZE)			
475	LF	INDUCTIVE LOOP SAWCUT			
1,500	LF	LEAD-IN CABLE (***** (18-4))			
2	EA	SIGN FOR SIGNALS			
4	EA	DETECTOR CARD (TYPE 2070L)			
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 154+03)			
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2, 154+47)			
23.2	CY	CLASS AA CONCRETE (BRIDGE)			
516.4	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (154+25-L-)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L100518 008

CONTRACT ID : C202575

10CR.10901.22

DIV OFFICE ALBEMARLE

LENGTH = 6.750 MI

COUNTY : UNION

WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : SEP 15 2010

NC-200 FROM NC-218 TO SR-1681 (OLD CAMDEN RD) AND 1 SECTION OF SECONDARY ROAD.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
740	CY	BORROW EXCAVATION
473	TON	STABILIZER AGGREGATE
497	TON	INCIDENTAL STONE BASE
1.9	SMI	SHOULDER CONSTRUCTION
11.6	SMI	SHOULDER RECONSTRUCTION
1,155	LF	DITCHING
58	SY	INCIDENTAL MILLING
807	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
12,380	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
7,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
617	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
459	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,450	TON	PATCHING EXISTING PAVEMENT
54	SY	6" CONCRETE DRIVEWAY
71,280	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
65,935	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
28	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
127,935	LF	PAINT PAVEMENT MARKING LINES (4")
509	EA	PERMANENT RAISED PAVEMENT MARKERS
1,155	LF	TEMPORARY SILT FENCE
160	TON	STONE FOR EROSION CONTROL, CLASS B
58	TON	SEDIMENT CONTROL STONE
5.1	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100518 009

CONTRACT ID : C202374 33472.3.1

DIV OFFICE SHELBY

LENGTH = 0.095 MI

COUNTY : GASTON

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 8.0% COMPLETION DATE : OCT 15 2010

CULVERT OVER SAILOR'S BRANCH CREEK AND APPROACHES ON SR-1820.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
85	CY	SHALLOW UNDERCUT
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
250	CY	UNDERCUT EXCAVATION
175	TON	CLASS IV SUBGRADE STABILIZATION
170	CY	DRAINAGE DITCH EXCAVATION
250	SY	FABRIC FOR SOIL STABILIZATION
250	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
11	SY	FOUNDATION CONDITIONING FABRIC
4	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
32	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE
100	TON	INCIDENTAL STONE BASE
296	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
222	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
192	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
262.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
320	TON	RIP RAP, CLASS I
2	TON	RIP RAP, CLASS B
810	SY	FILTER FABRIC FOR DRAINAGE
312	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
4,000	LF	PAINT PAVEMENT MARKING LINES (4")
1,000	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
410	LF	SAFETY FENCE
230	CY	SILT EXCAVATION
8,000	SY	MATting FOR EROSION CONTROL
140	SY	COIR FIBER MAT
170	SY	PERMANENT SOIL REINFORCEMENT MAT
70	LF	1/4" HARDWARE CLOTH
100	LF	*** TEMPORARY PIPE (24")
100	CY	STILLING BASINS
200	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
175	LF	IMPERVIOUS DIKE

20	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+37.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (20+37.00-L-)
106	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
173.7	CY	CLASS A CONCRETE (CULVERT)
29,378	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100518 010

CONTRACT ID : C202590 45066.3.ST2

DIV OFFICE ASHEVILLE

LENGTH = 3.570 MI

COUNTY : BUNCOMBE, MADISON

BRIDGE DECK PRESERVATION

DBE GOAL 0.0% COMPLETION DATE : SEP 20 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	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
Lump Sum	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

L100518 011

CONTRACT ID : C202240 34427.3.2

DIV OFFICE SYLVA

LENGTH = 2.500 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : NOV 15 2012

NC-28 FROM SR-1323 TO SOUTH OF SR-1378.

ROADWAY ITEMS					
			3,600	TON	INCIDENTAL STONE BASE
			6,500	CY	SHOULDER BORROW
			8,575	GAL	PRIME COAT
			5,900	SY	MILLING ASPHALT PAVEMENT, ****
					DEPTH
					(3")
			500	SY	MILLING ASPHALT PAVEMENT, ****
					TO *****" DEPTH
					(0" TO 5")
			10,100	TON	ASPHALT CONC BASE COURSE, TYPE
					B25.0B
			10,600	TON	ASPHALT CONC INTERMEDIATE
					COURSE, TYPE I19.0B
			15,200	TON	ASPHALT CONC SURFACE COURSE,
					TYPE S9.5B
			1,100	TON	ASPHALT CONC SURFACE COURSE,
					TYPE SF9.5A
			1,920	TON	ASPHALT BINDER FOR PLANT MIX,
					GRADE PG 64-22
			420	TON	ASPHALT PLANT MIX, PAVEMENT
					REPAIR
			224	CY	SUBDRAIN EXCAVATION
			168	CY	SUBDRAIN FINE AGGREGATE
			1,000	LF	6" PERFORATED SUBDRAIN PIPE
			30	EA	6" SUBDRAIN PIPE WYES, TEES, &
					ELBOWS
			2	EA	CONCRETE PAD FOR SUBDRAIN PIPE
					OUTLET
			12	LF	6" OUTLET PIPE (SUBDRAINS)
			9.1	CY	ENDWALLS
			14.2	CY	REINFORCED ENDWALLS
			1.509	CY	PIPE PLUGS
			18.8	CY	FLOWABLE FILL
			74	EA	MASONRY DRAINAGE STRUCTURES
			20.05	LF	MASONRY DRAINAGE STRUCTURES
			5	EA	FRAME WITH TWO GRATES, STD
					840.16
			13	EA	FRAME WITH TWO GRATES, STD
					840.20
			36	EA	FRAME WITH TWO GRATES, STD
					840.24
			5	EA	FRAME WITH TWO GRATES, STD
					840.29
			5	EA	FRAME WITH COVER, STD 840.54
			1	EA	STEEL FRAME WITH TWO GRATES,
					STD 840.37
			3	EA	GENERIC DRAINAGE ITEM
					BICYCLE SAFE STEEL GRATE AND
					FRAME
			170	LF	***X*** CONCRETE CURB
					(8" X 12")
			1,370	LF	SHOULDER BERM GUTTER
			1,370	LF	CONCRETE EXPRESSWAY GUTTER
			70	SY	4" CONCRETE PAVED DITCH
			2,910	SY	GENERIC PAVING ITEM
					6" CONCRETE DRIVEWAY
			4,600	LF	STEEL BM GUARDRAIL
			487.5	LF	STEEL BM GUARDRAIL, SHOP
					CURVED
			6	EA	ADDITIONAL GUARDRAIL POSTS
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE
					AT-1
			16	EA	GUARDRAIL ANCHOR UNITS, TYPE
					350
			1,275	LF	TEMPORARY STEEL BM GUARDRAIL
			50	LF	TEMPORARY STEEL BM GUARDRAIL
					(SHOP CURVED)
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE
					***** TEMPORARY
					(AT-1)
			11	EA	GUARDRAIL ANCHOR UNITS, TYPE
					350 TEMPORARY
			70	LF	CHAIN LINK FENCE RESET
			160	TON	RIP RAP, CLASS I
			50	TON	RIP RAP, CLASS II
			556	TON	RIP RAP, CLASS B
			235	TON	BOULDERS
			5,565	SY	FILTER FABRIC FOR DRAINAGE
			808	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			3	EA	SIGN ERECTION, TYPE D
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-			
		BING			
5	EA	SEALING ABANDONED WELLS			
125,400	CY	UNCLASSIFIED EXCAVATION			
4,900	CY	UNDERCUT EXCAVATION			
500	CY	SHALLOW UNDERCUT			
3,035	TON	CLASS IV SUBGRADE STABILIZA-			
		TION			
740	CY	DRAINAGE DITCH EXCAVATION			
920	LF	BERM DITCH CONSTRUCTION			
25,500	SY	REMOVAL OF EXISTING ASPHALT			
		PAVEMENT			
5,510	SY	BREAKING OF EXISTING ASPHALT			
		PAVEMENT			
4,000	SY	FABRIC FOR SOIL STABILIZATION			
1,058	SF	TEMPORARY SHORING			
2,500	CY	GENERIC GRADING ITEM			
		SELECT GRANULAR MATERIAL			
150	TON	GENERIC GRADING ITEM			
		EXCAVATION AND STOCKPILING			
		CONTAMINATED SOIL			
3,400	SY	FOUNDATION CONDITIONING FABRIC			
1,080	TON	GENERIC DRAINAGE ITEM			
		FOUNDATION CONDITIONING MATE-			
		RIAL, MINOR STRS			
2,324	LF	15" DRAINAGE PIPE			
1,572	LF	18" DRAINAGE PIPE			
1,048	LF	24" DRAINAGE PIPE			
656	LF	30" DRAINAGE PIPE			
940	LF	36" DRAINAGE PIPE			
1,136	LF	42" DRAINAGE PIPE			
134	LF	48" DRAINAGE PIPE			
13	EA	*** DRAINAGE PIPE ELBOWS			
		(15")			
5	EA	*** DRAINAGE PIPE ELBOWS			
		(18")			
2	EA	*** DRAINAGE PIPE ELBOWS			
		(24")			
72	LF	**** RC PIPE CULVERTS, CLASS			

		(54", III)			
72	LF	**** RC PIPE CULVERTS, CLASS			

		(72", III)			
108	LF	15" RC PIPE CULVERTS, CLASS IV			
328	LF	18" RC PIPE CULVERTS, CLASS IV			
404	LF	24" RC PIPE CULVERTS, CLASS IV			
92	LF	30" RC PIPE CULVERTS, CLASS IV			
20	EA	*** PIPE END SECTION			
		(15")			
3	EA	*** PIPE END SECTION			
		(18")			
1	EA	*** PIPE END SECTION			
		(24")			
222	LF	*** WELDED STEEL PIPE, *****			
		THICK, GRADE ** IN SOIL			
		(36", 0.5", B)			
53	LF	*** WELDED STEEL PIPE, *****			
		THICK, GRADE ** IN SOIL			
		(48", 0.625", B)			
222	LF	*** WELDED STEEL PIPE, *****			
		THICK, GRADE ** NOT IN SOIL			
		(36", 0.5", B)			
53	LF	*** WELDED STEEL PIPE, *****			
		THICK, GRADE ** NOT IN SOIL			
		(48", 0.625", B)			
716	LF	GENERIC PIPE ITEM			
		15" SIDE DRAIN PIPE			
72	LF	GENERIC PIPE ITEM			
		18" SIDE DRAIN PIPE			
1,596	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
137	TON	#57 STONE			
1,500	TON	STABILIZER AGGREGATE			
35,700	TON	AGGREGATE BASE COURSE			

			1,280	LF	UNPAVED TRENCHING (*****) (1, 2")
			370	LF	DIRECTIONAL DRILL (*****) (2, 2")
38	EA	SIGN ERECTION, TYPE E			
3	EA	SIGN ERECTION, TYPE F			
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	11	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	1,040	LF	INDUCTIVE LOOP SAWCUT
43	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	1,740	LF	LEAD-IN CABLE (*****) (14-2)
3,225	SF	WORK ZONE SIGNS (STATIONARY)	2	EA	900MHZ WIRELESS RADIO SYSTEM
368	SF	WORK ZONE SIGNS (PORTABLE)	2	EA	METAL POLE WITH SINGLE MAST ARM
628	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	2	EA	METAL POLE WITH DUAL MAST ARM
16	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)	4	EA	SOIL TEST
520	EA	DRUMS	20	CY	DRILLED PIER FOUNDATION
100	EA	CONES	4	EA	MAST ARM WITH METAL POLE DE- SIGN
488	LF	BARRICADES (TYPE III)	2	EA	SIGNAL CABINET FOUNDATION
2,700	MD	FLAGGER	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
2	EA	TEMPORARY CRASH CUSHIONS	6	EA	DETECTOR CARD (TYPE 2070L)
1	EA	TMIA	2	EA	CABINET BASE EXTENDER
390	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)	1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS LIGHTNING AR- RESTOR
108	HR	LAW ENFORCEMENT	1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM
8	EA	GENERIC TRAFFIC CONTROL ITEM WARNING FLAGS			
34,158	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
35,751	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
440	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
256	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
29	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
280,814	LF	PAINT PAVEMENT MARKING LINES (4")			
480	LF	PAINT PAVEMENT MARKING LINES (24")			
16	EA	PAINT PAVEMENT MARKING SYMBOL			
8,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
388	EA	SNOWPLOWABLE PAVEMENT MARKERS			
21,000	LF	TEMPORARY SILT FENCE			
4,000	TON	STONE FOR EROSION CONTROL, CLASS A			
5,600	TON	STONE FOR EROSION CONTROL, CLASS B			
3,500	TON	SEDIMENT CONTROL STONE			
80	ACR	TEMPORARY MULCHING			
1,450	LB	SEED FOR TEMPORARY SEEDING			
7.75	TON	FERTILIZER FOR TEMPORARY SEED- ING			
1,800	LF	TEMPORARY SLOPE DRAINS			
20	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
6,000	LF	SAFETY FENCE			
16,200	CY	SILT EXCAVATION			
125,000	SY	MATTING FOR EROSION CONTROL			
685	SY	COIR FIBER MAT			
4,000	SY	PERMANENT SOIL REINFORCEMENT MAT			
3,000	LF	1/4" HARDWARE CLOTH			
245	LF	*** TEMPORARY PIPE (54")			
5	EA	SPECIAL STILLING BASINS			
1,675	LF	COIR FIBER WATTLE			
580	LB	POLYACRYLAMIDE (PAM)			
9,100	LF	COIR FIBER BAFFLES			
7	EA	*** SKIMMER (1-1/2")			
45	ACR	SEEDING & MULCHING			
54	ACR	MOWING			
600	LB	SEED FOR REPAIR SEEDING			
1.75	TON	FERTILIZER FOR REPAIR SEEDING			
1,050	LB	SEED FOR SUPPLEMENTAL SEEDING			
31.25	TON	FERTILIZER TOPDRESSING			
35	LF	IMPERVIOUS DIKE			
30	MHR	SPECIALIZED HAND MOWING			
36	EA	RESPONSE FOR EROSION CONTROL			
10	ACR	REFORESTATION			
0.95	ACR	STREAMBANK REFORESTATION			
1,010	LF	SIGNAL CABLE			
8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			

CULVERT ITEMS

45.9	CY	CLASS A CONCRETE (CULVERT)
9	TON	RIP RAP, CLASS ** (I)
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINF CONC 3-SIDED CULVERT @ STA 109+00.28-L-
Lump Sum	LS	GENERIC CULVERT ITEM REMOVAL OF EXISTING STRUCTURES @ STA 109+00.28-L-

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L100518 012****CONTRACT ID : C202588 45344.3.1****DIV OFFICE SYLVA****LENGTH = 5.578 MI****COUNTY : HENDERSON****INSTALL MEDIAN GUARDRAIL.****DBE GOAL 3.0% COMPLETION DATE : SEP 15 2010****US-25 FROM NORTH OF NC/SC STATE LINE TO SR-1858 (OLD ZIRCONIA RD).****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
2	EA	FRAME WITH GRATE, STD 840.22
15	EA	GENERIC DRAINAGE ITEM DRAINAGE GRATE CLEAN-OUT
16	EA	GENERIC DRAINAGE ITEM REPAIR CONCRETE APRONS @ DIS
16	SY	4" CONCRETE PAVED DITCH
1,600	LF	STEEL BM GUARDRAIL
6,075	LF	STEEL BM GUARDRAIL, DOUBLE FACED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
660	LF	REMOVE & STOCKPILE EXISTING GUARDRAIL
20,000	LF	DOUBLE FACED CABLE GUIDERAIL
5	EA	ADDITIONAL GUIDERAIL POSTS
26	EA	CABLE GUIDERAIL ANCHOR UNITS
352	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
120	EA	DRUMS
2	EA	TMIA
160	EA	SKINNY DRUM
150	TON	SEDIMENT CONTROL STONE
300	LF	1/4" HARDWARE CLOTH
1	ACR	SEEDING & MULCHING