




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

May 18, 2010

NOTICE TO: All Prospective Bidders

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

SUBJECT: Notification of Drum and Skinny-Drum Design Changes

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

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

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

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

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




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March 23, 2010

NOTICE TO: All Prospective Bidders

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

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

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

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

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

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

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

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

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

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

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

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



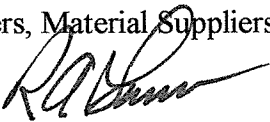
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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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
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

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

WEBSITE: WWW.NCDOT.ORG

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

UPDATED 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
DEPARTMENT OF TRANSPORTATION

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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 rhiggins@ncdot.gov.

RAG/rlh

MAILING ADDRESS:
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RALEIGH NC 27699-1591

TELEPHONE: 919-250-4128
FAX: 919-250-4119
WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
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RALEIGH NC 27610




STATE OF NORTH CAROLINA
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November 17, 2009

Notice To: Prospective Bidders and Materials Suppliers

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

Subject: Revised Drainage Pipe Standard Details and Pipe Alternates/Drainage
Summary Revisions

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

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

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

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

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

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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SECRETARY

September 22, 2009

Notice To: Prospective Bidders and Material Suppliers
From: R.A. Garris, PE *R.A. Garris*
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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RALEIGH NC

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 JUNE 15, 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 MAY 18, 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	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 L100615

RPN	Contract Id	WBS	County	Length	JobType
001	C202236	33835.3.1 ETC.	WILSON	0.204 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
002	C202593	33560.3.1	ONslow	0.488 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
003	C202549	33233.3.2	ROBESON	0.398 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
004	C202435	34942.3.2	CUMBERLAND	1.656 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNAL & OVERHEAD SIGN.
005	C202179	40995.3.1	CUMBERLAND	3.400 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNING & SIGNALS.
006	C202551	33710.3.1	CHATHAM	0.350 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C202433	33785.3.1	MOORE	0.148 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C202553	33794.3.1	RANDOLPH	0.222 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
009	C202472	34236.3.1	RANDOLPH	7.941 MI	GRADING, DRAINAGE, PAVING, AND SIGNING.
010	C202594	34369.3.5	ASHE	2.454 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
011	C202127	38590.3.1	YADKIN, SURRY	0.017 MI	GRADING, DRAINAGE, STR REMOVAL & RETAINING WALL.
012	C202550	33537.3.1	MCDOWELL	0.033 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
013	C201242	34510.2.2	BURKE	3.039 KM	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
014	C202428	32998.2.2	GRAHAM	0.079 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 001

CONTRACT ID : C202236 33835.3.1

DIV OFFICE WILSON

LENGTH = 0.204 MI

COUNTY : WILSON

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2011

BRIDGES #1 AND 2 OVER CONTENTNEA CREEK AND OVERFLOW WITH APPROACHES ON SR-1628 (WOODBIDGE RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+15.00)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+47.00)
Lump Sum	LS	GRADING
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING
400	CY	UNDERCUT EXCAVATION
600	SY	FABRIC FOR SOIL STABILIZATION
600	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
30	SY	FOUNDATION CONDITIONING FABRIC
10	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
76	LF	15" DRAINAGE PIPE
100	TON	INCIDENTAL STONE BASE
280	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
462	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
12	EA	RIGHT OF WAY MARKERS
67.2	CY	SUBDRAIN EXCAVATION
33.6	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
165	LF	SHOULDER BERM GUTTER
475	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
24	TON	RIP RAP, CLASS B
964	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD
819	SF	WORK ZONE SIGNS (STATIONARY)
163	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
160	LF	BARRICADES (TYPE III)
8,616	LF	PAINT PAVEMENT MARKING LINES (4")
10	EA	PERMANENT RAISED PAVEMENT MARKERS
1,200	LF	TEMPORARY SILT FENCE
450	TON	STONE FOR EROSION CONTROL, CLASS A
80	TON	STONE FOR EROSION CONTROL, CLASS B
85	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
400	LF	TEMPORARY SLOPE DRAINS
8	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS

1,750	LF	SAFETY FENCE
145	CY	SILT EXCAVATION
3,550	SY	MATTING FOR EROSION CONTROL
350	LF	1/4" HARDWARE CLOTH
40	LF	WATTLE
10	LB	POLYACRYLAMIDE (PAM)
8	ACR	SEEDING & MULCHING
1	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
20	MHR	SPECIALIZED HAND MOWING
24	EA	RESPONSE FOR EROSION CONTROL
0.2	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+47.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+15.00-L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+15.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+47.00-L-)
84.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+15.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+47.00-L-)
14,376	LB	REINFORCING STEEL (BRIDGE)
955	LF	HP12X53 STEEL PILES
1,530	LF	HP12X53 GALVANIZED STEEL PILES
37	EA	PILE REDRIVES
595.25	LF	VERTICAL CONCRETE BARRIER RAIL
937	TON	RIP RAP CLASS II (2'-0" THICK)
1,032	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,971.25	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 002

CONTRACT ID : C202593 33560.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.488 MI

COUNTY : ONSLOW

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 7.0% COMPLETION DATE : JUL 01 2013

BRIDGE OVER NEW RIVER AND APPROACHES ON US-17 (MARINE BLVD) IN JACKSONVILLE.

ROADWAY ITEMS					
			2,420	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			80	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
Lump Sum	LS	MOBILIZATION	260	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	CONSTRUCTION SURVEYING	150	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
15	DAY	GENERIC MISCELLANEOUS ITEM CONTAMINATED WATER STORAGE VESSEL DAILY RENTAL	53	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+15)	23	CY	SUBDRAIN EXCAVATION
6,700	CY	UNDERCUT EXCAVATION	17	CY	SUBDRAIN FINE AGGREGATE
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	100	LF	6" PERFORATED SUBDRAIN PIPE
Lump Sum	LS	GRADING	3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
8,500	CY	BORROW EXCAVATION	1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
2	EA	EMBANKMENT SETTLEMENT GAUGES	6	LF	6" OUTLET PIPE (SUBDRAINS)
1,100	SY	FABRIC FOR SOIL STABILIZATION	1.5	CY	PIPE COLLARS
1,110	SF	TEMPORARY SHORING	0.2	CY	PIPE PLUGS
380	CY	GENERIC GRADING ITEM ENGINEERED SOIL MIX	3	CY	FLOWABLE FILL
4,100	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	39	EA	MASONRY DRAINAGE STRUCTURES
1,000	TON	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	60	LF	MASONRY DRAINAGE STRUCTURES
920	SY	FOUNDATION CONDITIONING FABRIC	8	EA	FRAME WITH TWO GRATES, STD 840.16
400	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2	EA	FRAME WITH TWO GRATES, STD 840.29
420	CY	GENERIC DRAINAGE ITEM CLAY CORE	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
65	CY	GENERIC DRAINAGE ITEM SAND	9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
250	CY	GENERIC DRAINAGE ITEM SHELL MATERIALS	11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
92	LF	12" DRAINAGE PIPE	6	EA	FRAME WITH COVER, STD 840.54
204	LF	15" DRAINAGE PIPE	1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
56	LF	18" DRAINAGE PIPE	1	EA	*** SLUICE GATE (8")
32	LF	24" DRAINAGE PIPE	2	EA	GENERIC DRAINAGE ITEM RETICULINE FRAME AND GRATE
2	EA	*** DRAINAGE PIPE ELBOWS (12")	1,050	LF	***X*** CONCRETE CURB (8" X 18")
12	LF	*** RC PIPE CULVERTS, CLASS ***** (12", III)	3,420	LF	2'-6" CONCRETE CURB & GUTTER
188	LF	*** RC PIPE CULVERTS, CLASS ***** (12", IV)	1,470	SY	4" CONCRETE SIDEWALK
124	LF	*** RC PIPE CULVERTS, CLASS ***** (15", III)	6	EA	CONCRETE WHEELCHAIR RAMPS
76	LF	*** RC PIPE CULVERTS, CLASS ***** (18", III)	750	SY	6" CONCRETE DRIVEWAY
1,496	LF	15" RC PIPE CULVERTS, CLASS IV	100	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
456	LF	24" RC PIPE CULVERTS, CLASS IV	2	EA	ADJUSTMENT OF CATCH BASINS
100	LF	*** HDPE PIPE CULVERTS (6")	1	EA	ADJUSTMENT OF DROP INLETS
160	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (18", 0.500", B)	462.5	LF	STEEL BM GUARDRAIL
259	LF	GENERIC PIPE ITEM 6" HDPE PIPE CULVERTS, PERFORATED	5	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GENERIC PIPE ITEM 6" HDPE CAPS	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
24	EA	GENERIC PIPE ITEM 6" HDPE WYES, TEES & ELBOWS	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
186	LF	PIPE REMOVAL	564	LF	CHAIN LINK FENCE, 48" FABRIC
1	EA	PIPE CLEAN-OUT	48	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
320	TON	#57 STONE	7	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
500	TON	INCIDENTAL STONE BASE	2	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, DOUBLE GATE (48")
2,250	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")	1	EA	DOUBLE GATES, *** HIGH, ** WIDE, ** OPENING (48", 15', 30')
220	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	7	TON	RIP RAP, CLASS I
2,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	86	TON	RIP RAP, CLASS B
2,690	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	833	SY	FILTER FABRIC FOR DRAINAGE
			408	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			13	EA	SIGN ERECTION, TYPE E
			4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)

			20	SY	COIR FIBER MAT
			1,800	LF	1/4" HARDWARE CLOTH
			6,000	SY	FLOATING TURBIDITY CURTAIN
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	550	LF	COIR FIBER BAFFLES
4	EA	DISPOSAL OF SUPPORT, U-CHANNEL	1	EA	*** SKIMMER (1-1/2")
312	SF	WORK ZONE SIGNS (STATIONARY)	1	EA	*** SKIMMER (2")
96	SF	WORK ZONE SIGNS (PORTABLE)	6	ACR	SEEDING & MULCHING
26	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	3	ACR	MOWING
3	EA	FLASHING ARROW PANELS, TYPE C	50	LB	SEED FOR REPAIR SEEDING
12	EA	CHANGEABLE MESSAGE SIGN	0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	EA	DRUMS	75	LB	SEED FOR SUPPLEMENTAL SEEDING
34	EA	CONES	2,545	SY	SODDING
24	LF	BARRICADES (TYPE III)	2.25	TON	FERTILIZER TOPDRESSING
480	HR	FLAGGER	30	MHR	SPECIALIZED HAND MOWING
2	EA	TEMPORARY CRASH CUSHIONS	12	EA	RESPONSE FOR EROSION CONTROL
2	EA	RESET TEMPORARY CRASH CUSHIONS	75	CY	GENERIC EROSION CONTROL ITEM 12 MONTH AGED HARDWOOD MULCH
2	EA	TMIA			
855	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	3	EA	ACER SACCHARUM, SUGAR MAPLE, 6'-8', MIN 3/4" CAL, B&B OR CONT
521	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)	86	EA	GENERIC PLANTING ITEM ANDROPOGON GLOMERATUS, BUSHY BLUESTEM, 2-1/4" SQ POT, TRAY OF 32
765	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)	107	EA	GENERIC PLANTING ITEM ASCLEPIAS TUBEROSA, BUTTERFLY WEED 4" POT OR QT CONT-DEEP
375	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)	70	EA	GENERIC PLANTING ITEM BOLTONIA ASTEROIDES, FALSE ASTER 4" POT OR QT CONT-DEEP
200	HR	LAW ENFORCEMENT	185	EA	GENERIC PLANTING ITEM ECHINACEA PURPUREA, PURPLE CONEFLOWER, 4" POT OR QT CONT-DEEP
40	EA	TEMPORARY RAISED PAVEMENT MARKERS	51	EA	GENERIC PLANTING ITEM JUNCUS EFFUSUS, SOFT RUSH 2-1/4" SQ POT, TRAY OF 32
27	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	107	EA	GENERIC PLANTING ITEM MONARDA DIDYMA, BEE-BALM 4" POT OR QT CONT -DEEP
3,920	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	24	EA	GENERIC PLANTING ITEM PANICUM VIRGATUM 'CLOUD NINE', SWITCHGRASS, 3-1/2" - 4" POT, TRAY OF 18
27,600	LF	PAINT PAVEMENT MARKING LINES (4")	66	EA	GENERIC PLANTING ITEM SPARTINA BAKERI, CORD GRASS 2-1/4" SQ POT, TRAY OF 32
10,175	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)	770	CY	MULCH FOR PLANTING
850	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)	2	M/G	WATER FOR PLANTING
20	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)	770	SY	PREEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
1,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1,610	SY	GENERIC PLANTING ITEM GEOTEXTILE FABRIC
100	EA	PERMANENT RAISED PAVEMENT MARKERS	750	SY	GENERIC PLANTING ITEM POLYPROPYLENE WOVEN MONOFILAMENT GEOTEXTILE FABRIC
125	EA	SNOWPLOWABLE PAVEMENT MARKERS	485	LF	UNPAVED TRENCHING (*****)(1, 2")
475	LF	6" WATER LINE	46	LF	DIRECTIONAL DRILL (*****)(1, 2")
415	LF	8" WATER LINE	5	EA	JUNCTION BOX (STANDARD SIZE)
314	LF	12" WATER LINE	410	LF	INDUCTIVE LOOP SAWCUT
1	EA	6" VALVE	2,540	LF	LEAD-IN CABLE (*****)(14-2)
1	EA	8" VALVE			
1	EA	12" VALVE			
4	EA	RELOCATE WATER METER			
1	EA	RECONNECT WATER METER			
4	EA	RELOCATE FIRE HYDRANT			
630	LF	8" SANITARY GRAVITY SEWER			
354	LF	10" SANITARY GRAVITY SEWER			
6	EA	4' DIA UTILITY MANHOLE			
22	LF	UTILITY MANHOLE WALL, 4' DIA			
790	LF	ABANDON 8" UTILITY PIPE			
3	EA	ABANDON UTILITY MANHOLE			
3	EA	REMOVE UTILITY MANHOLE			
88	LF	16" ENCASEMENT PIPE			
78	LF	24" ENCASEMENT PIPE			
51	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL			
51	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL	3,700	SF	GENERIC RETAINING WALL ITEM BRACED SHEET PILE RETAINING WALL (27+08.47-L-)
46	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL			
46	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL			
1,800	LF	TEMPORARY SILT FENCE			
340	TON	STONE FOR EROSION CONTROL, CLASS A			
155	TON	STONE FOR EROSION CONTROL, CLASS B	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (23+15.00-L-)
420	TON	SEDIMENT CONTROL STONE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+15.00-L-)
4	ACR	TEMPORARY MULCHING	2	EA	PDA TESTING
100	LB	SEED FOR TEMPORARY SEEDING	2	EA	PDA ASSISTANCE
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (23+15.00-L-)
200	LF	TEMPORARY SLOPE DRAINS	77,451	SF	REINFORCED CONCRETE DECK SLAB
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	66,969	SF	GROOVING BRIDGE FLOORS
1,000	LF	SAFETY FENCE			
700	CY	SILT EXCAVATION			
2,000	SY	MATTING FOR EROSION CONTROL			

WALL ITEMS

STRUCTURE ITEMS

492.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+15.00-L-)
89,986	LB	REINFORCING STEEL (BRIDGE)
9,888	LF	54" PRESTRESSED CONCRETE GIR- DERS
2,760	LF	16" PRESTRESSED CONC PILES
10,540	LF	24" PRESTRESSED CONC PILES
50	EA	PILE REDRIVES
810	TON	RIP RAP CLASS II (2'-0" THICK)
900	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (23+15.00-L-)
1,659.67	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
1,664	LF	GENERIC STRUCTURE ITEM MESSENGER CABLE SYSTEM

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 003

CONTRACT ID : C202549 33233.3.2

DIV OFFICE FAYETTEVILLE

LENGTH = 0.398 MI

COUNTY : ROBESON

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 9.0% COMPLETION DATE : DEC 31 2012

BRIDGES OVER RAFT SWAMP, AND HOLLY SWAMP AND APPROACHES ON SR-1527.

ROADWAY ITEMS

			528	HR	FLAGGER	
			4	EA	TEMPORARY CRASH CUSHIONS	
			1	EA	TMIA	
Lump Sum	LS	MOBILIZATION	700	LF	PORTABLE CONCRETE BARRIER	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+20.00)	80	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)	
			50	EA	SKINNY DRUM	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+37.00)	162	EA	TEMPORARY RAISED PAVEMENT MARKERS	
			3,558	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (25+45.00)	3,558	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
Lump Sum	LS	GRADING	1,284	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	
	1	ACR SUPPLEMENTARY CLEARING & GRUB- BING				
	900	CY UNDERCUT EXCAVATION	38,252	LF	PAINT PAVEMENT MARKING LINES (4")	
	10	CY DRAINAGE DITCH EXCAVATION				
6,200	SY	FABRIC FOR SOIL STABILIZATION	3,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
165	SF	TEMPORARY SHORING				
900	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	26	EA	PERMANENT RAISED PAVEMENT MARKERS	
530	SY	FOUNDATION CONDITIONING FABRIC	1,495	LF	8" WATER LINE	
160	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	550	LF	10" WATER LINE	
			2	EA	8" VALVE	
			1	EA	2" AIR RELEASE VALVE	
52	LF	15" DRAINAGE PIPE	2,121	LF	ABANDON 8" UTILITY PIPE	
20	LF	GENERIC PIPE ITEM 18" SIDE DRAIN PIPE	550	LF	TRENCHLESS INSTALLATION OF 10" IN SOIL	
			14,000	LF	TEMPORARY SILT FENCE	
2,350	TON	AGGREGATE BASE COURSE	675	TON	STONE FOR EROSION CONTROL, CLASS A	
200	TON	INCIDENTAL STONE BASE				
1,729	GAL	PRIME COAT	725	TON	STONE FOR EROSION CONTROL, CLASS B	
50	SY	INCIDENTAL MILLING				
1,260	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	550	TON	SEDIMENT CONTROL STONE	
			10	ACR	TEMPORARY MULCHING	
740	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	250	LB	SEED FOR TEMPORARY SEEDING	
1,800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2	TON	FERTILIZER FOR TEMPORARY SEED- ING	
			1,350	LF	TEMPORARY SLOPE DRAINS	
200	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	12	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
			6,000	LF	SAFETY FENCE	
3	EA	MASONRY DRAINAGE STRUCTURES	585	CY	SILT EXCAVATION	
3	EA	FRAME WITH TWO GRATES, STD 840.29	9,000	SY	MATTING FOR EROSION CONTROL	
220	LF	SHOULDER BERM GUTTER	10	SY	COIR FIBER MAT	
1,550	LF	STEEL BM GUARDRAIL	1,150	LF	1/4" HARDWARE CLOTH	
50	LF	STEEL BM GUARDRAIL, SHOP CURVED	600	LF	WATTLE	
			175	LB	POLYACRYLAMIDE (PAM)	
5	EA	ADDITIONAL GUARDRAIL POSTS	1,150	LF	COIR FIBER BAFFLES	
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	1	EA	*** SKIMMER (1-1/2")	
			12	ACR	SEEDING & MULCHING	
9	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	6	ACR	MOWING	
			100	LB	SEED FOR REPAIR SEEDING	
12	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	0.25	TON	FERTILIZER FOR REPAIR SEEDING	
2,000	LF	REMOVE EXISTING GUARDRAIL	225	LB	SEED FOR SUPPLEMENTAL SEEDING	
1,512.5	LF	TEMPORARY STEEL BM GUARDRAIL	6.75	TON	FERTILIZER TOPDRESSING	
12	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)	20	MHR	SPECIALIZED HAND MOWING	
			15	EA	RESPONSE FOR EROSION CONTROL	
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	4.6	ACR	WETLAND REFORESTATION	
			4.6	ACR	GENERIC EROSION CONTROL ITEM DISKING	
5	TON	RIP RAP, CLASS B	4.6	ACR	GENERIC EROSION CONTROL ITEM RIPPING	
1,515	SY	FILTER FABRIC FOR DRAINAGE				
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON				
42	LF	SUPPORTS, 3-LB STEEL U-CHANNEL				
3	EA	SIGN ERECTION, TYPE E				
8	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL				
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD				
148	SF	WORK ZONE SIGNS (STATIONARY)	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (14+20.00-L-)	
96	SF	WORK ZONE SIGNS (PORTABLE)				
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (21+37.00-L-)	
50	EA	DRUMS				
50	EA	CONES				
50	LF	BARRICADES (TYPE III)				

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (25+45.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+20.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+37.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+45.00-L-)
	2 EA	PDA TESTING
	2 EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+20.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (21+37.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (25+45.00-L-)
11,160	SF	CONCRETE WEARING SURFACE
14,893	SF	GROOVING BRIDGE FLOORS
135.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+20.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+37.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+45.00-L-)
22,332	LB	REINFORCING STEEL (BRIDGE)
1,750	LF	HP12X53 STEEL PILES
1,640	LF	HP12X53 GALVANIZED STEEL PILES
550	LF	HP14X73 GALVANIZED STEEL PILES
39	EA	PILE REDRIVES
629.23	LF	CONCRETE BARRIER RAIL
1,270	TON	RIP RAP CLASS II (2'-0" THICK)
1,410	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
4,078.48	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 004

CONTRACT ID : C202435 34942.3.2

DIV OFFICE FAYETTEVILLE

LENGTH = 1.656 MI

COUNTY : CUMBERLAND

WIDENING, GRADING, DRAINAGE, PAVING, SIGNAL & OVERHEAD SIGN.

DBE GOAL 12.0% COMPLETION DATE : OCT 01 2012

NC-24/87 (BRAGG BLVD) FROM US-401 BYPASS TO NORTH OF SR-1437 (SANTE FE DR / SHAW RD) IN FAYETTEVILLE.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	2	EA	FRAME WITH TWO GRATES, STD 840.29
Lump Sum	LS	CONSTRUCTION SURVEYING	20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
1,966	CY	SHALLOW UNDERCUT	56	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	GRADING			(E)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	47	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
350	CY	UNDERCUT EXCAVATION			(F)
4,760	TON	CLASS IV SUBGRADE STABILIZATION	16	EA	FRAME WITH COVER, STD 840.54
4,600	SY	FABRIC FOR SOIL STABILIZATION	13	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
600	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	4	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
7,204	SY	FOUNDATION CONDITIONING FABRIC	6,460	LF	***X*** CONCRETE CURB (8" X 18")
1,887	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1,690	LF	***,** CONCRETE CURB & GUTTER (2'-9")
5,816	LF	15" RC PIPE CULVERTS, CLASS IV	11,780	LF	1'-6" CONCRETE CURB & GUTTER
2,064	LF	18" RC PIPE CULVERTS, CLASS IV	19,720	LF	2'-6" CONCRETE CURB & GUTTER
2,820	LF	24" RC PIPE CULVERTS, CLASS IV	4,600	SY	4" CONCRETE SIDEWALK
1,040	LF	30" RC PIPE CULVERTS, CLASS IV	20	EA	CONCRETE WHEELCHAIR RAMPS
440	LF	36" RC PIPE CULVERTS, CLASS IV	1,790	SY	6" CONCRETE DRIVEWAY
676	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE	1,180	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
72	LF	GENERIC PIPE ITEM 18" SIDE DRAIN PIPE	9	EA	ADJUSTMENT OF CATCH BASINS
36	LF	GENERIC PIPE ITEM 24" SIDE DRAIN PIPE	2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
320	LF	GENERIC PIPE ITEM 42" SIDE DRAIN PIPE	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
168	LF	GENERIC PIPE ITEM 48" RC PIPE CULVERTS, CLASS IV	1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CB TO TBJB
24	LF	GENERIC PIPE ITEM 48" SIDE DRAIN PIPE	1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO SPECIAL CATCH BASIN
100	LF	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS IV	1	EA	IMPACT ATTENUATOR UNIT, TYPE 350
8	LF	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS IV	262.5	LF	STEEL BM GUARDRAIL
2,985	LF	PIPE REMOVAL	12.5	LF	STEEL BM GUARDRAIL, DOUBLE FACED
1	EA	PIPE CLEAN-OUT	5	EA	ADDITIONAL GUARDRAIL POSTS
1,000	TON	STABILIZER AGGREGATE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
3,000	TON	INCIDENTAL STONE BASE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
59,550	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (2-1/2" TO 5-1/2")	4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
11,060	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	7,440	LF	REMOVE EXISTING GUARDRAIL
33,780	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	62.5	LF	TEMPORARY STEEL BM GUARDRAIL, DOUBLE FACED
16,390	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	5	EA	GENERIC GUARDRAIL ITEM TEMPORARY IMPACT ATTENUATOR, TYPE 350
2,065	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	91	TON	RIP RAP, CLASS I
985	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	6	TON	RIP RAP, CLASS B
4,010	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,104	SY	FILTER FABRIC FOR DRAINAGE
59,550	SY	GENERIC PAVING ITEM PAVEMENT FABRIC	51	CY	OVERHEAD FOOTING
168	CY	SUBDRAIN EXCAVATION	1,594	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
84	CY	SUBDRAIN FINE AGGREGATE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (STA 13+50 -L-)
500	LF	6" PERFORATED SUBDRAIN PIPE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (STA 15+90 -L-)
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (STA 20+22 -L-)
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (STA 36+00 -L-)
6	LF	6" OUTLET PIPE (SUBDRAINS)	1	EA	SIGN ERECTION, TYPE D
4	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	80	EA	SIGN ERECTION, TYPE E
3	CY	PIPE COLLARS	2	EA	SIGN ERECTION, TYPE F
2,49	CY	PIPE PLUGS	1	EA	SIGN ERECTION, TYPE *** (OVERHEAD)
160	EA	MASONRY DRAINAGE STRUCTURES			(A)
22.5	CY	MASONRY DRAINAGE STRUCTURES			
28	LF	MASONRY DRAINAGE STRUCTURES			
34	EA	FRAME WITH TWO GRATES, STD 840.16			

			3	EA	GENERIC UTILITY ITEM
					6" DIAMETER UTILITY MANHOLE
		25,000	LF	TEMPORARY SILT FENCE	
		540	TON	STONE FOR EROSION CONTROL,	CLASS A
					CLASS B
			405	TON	STONE FOR EROSION CONTROL,
					CLASS B
		1,870	TON	SEDIMENT CONTROL STONE	
		20	ACR	TEMPORARY MULCHING	
		500	LB	SEED FOR TEMPORARY SEEDING	
		2	TON	FERTILIZER FOR TEMPORARY SEED-	ING
		200	LF	TEMPORARY SLOPE DRAINS	
		4	EA	INLET PROTECTION AT TEMPORARY	SLOPE DRAINS
		300	LF	SAFETY FENCE	
		300	CY	SILT EXCAVATION	
		12,850	SY	MATTING FOR EROSION CONTROL	
		8,200	LF	1/4" HARDWARE CLOTH	
		450	LF	WATTLE	
		100	LB	POLYACRYLAMIDE (PAM)	
		700	LF	COIR FIBER BAFFLES	
		24	ACR	SEEDING & MULCHING	
		5	ACR	MOWING	
		250	LB	SEED FOR REPAIR SEEDING	
		0.75	TON	FERTILIZER FOR REPAIR SEEDING	
		550	LB	SEED FOR SUPPLEMENTAL SEEDING	
		16.25	TON	FERTILIZER TOPDRESSING	
		60	MHR	SPECIALIZED HAND MOWING	
		18	EA	RESPONSE FOR EROSION CONTROL	
		12	EA	PEDESTRIAN SIGNAL HEAD (**",	** SECTION)
					(16", 1 SECTION W/COUNTDOWN)
		8,870	LF	SIGNAL CABLE	
		49	EA	VEHICLE SIGNAL HEAD (12", 3	SECTION)
		10	EA	VEHICLE SIGNAL HEAD (12", 5	SECTION)
		2,410	LF	MESSENGER CABLE (3/8")	
		303	LF	PAVED TRENCHING (*****)	(1, 2")
		1,818	LF	UNPAVED TRENCHING (*****)	(1, 2")
		16	EA	JUNCTION BOX (STANDARD SIZE)	
		2	EA	JUNCTION BOX (OVER-SIZED, HEA-	VY DUTY)
		8	EA	WOOD POLE	
		16	EA	GUY ASSEMBLY	
		2	EA	1" RISER WITH WEATHERHEAD	
		8	EA	2" RISER WITH WEATHERHEAD	
		1	EA	2" RISER WITH HEAT SHRINK	TUBING
		6,865	LF	INDUCTIVE LOOP SAWCUT	
		18,490	LF	LEAD-IN CABLE (*****)	(14-2)
		2	EA	SITE SURVEY	
		4	EA	LUMINAIRE ARM FOR VIDEO SYSTEM	
		8	EA	CAMERA WITHOUT INTERNAL LOOP	EMULATOR PROCESSING UNIT
		2	EA	EXTERNAL LOOP EMULATOR PRO-	CESSING UNIT
		12	EA	RELOCATE CAMERA SENSOR UNIT	
		2	EA	INTERCONNECT CENTER	
		2	EA	FIBER-OPTIC TRANSCEIVER, SELF-	HEALING RING
		8	EA	METAL STRAIN SIGNAL POLE	
		8	EA	SOIL TEST	
		68	CY	DRILLED PIER FOUNDATION	
		1	EA	SIGNAL PEDESTAL WITH FOUNDA-	TION
		2	EA	SIGN FOR SIGNALS	
		2	EA	RELOCATE EXISTING SIGN	
		2	EA	SIGNAL CABINET FOUNDATION	
		2	EA	CONTROLLER WITH CABINET (TYPE	2070L, BASE MOUNTED)
		34	EA	DETECTOR CARD (TYPE 2070L)	
		2	EA	CABINET BASE EXTENDER	
		1	EA	GENERIC SIGNAL ITEM	CCTV ASSEMBLY
		1	EA	GENERIC SIGNAL ITEM	FIBER OPTIC VIDEO RECEIVER
					/DATA TRANSCEIVERS
		1	EA	GENERIC SIGNAL ITEM	FIBER OPTIC VIDEO TRANSMITTER
					/DATA TRANSCEIVERS
		1	EA	GENERIC SIGNAL ITEM	FIELD CCTV EQUIPMENT CABINET
5	EA				SIGN ERECTION, RELOCATE, TYPE
					**** (GROUND MOUNTED)
					(E)
2	EA				DISPOSAL OF SIGN SYSTEM, OVER-
					HEAD
1	EA				DISPOSAL OF SIGN SYSTEM, STEEL
					BEAM
99	EA				DISPOSAL OF SIGN SYSTEM, U-
					CHANNEL
5	EA				DISPOSAL OF SUPPORT, U-CHANNEL
1	EA				DISPOSAL OF SIGN, A OR B
					(OVERHEAD)
384	SF				WORK ZONE SIGNS (STATIONARY)
464	SF				WORK ZONE SIGNS (PORTABLE)
70	SF				WORK ZONE SIGNS (BARRICADE
					MOUNTED)
4	EA				FLASHING ARROW PANELS, TYPE C
5	EA				CHANGEABLE MESSAGE SIGN
60	DAY				CHANGEABLE MESSAGE SIGN (SHORT
					TERM)
425	EA				DRUMS
50	EA				CONES
120	LF				BARRICADES (TYPE III)
700	MD				FLAGGER
3	EA				TMIA
320	HR				LAW ENFORCEMENT
425	EA				SKINNY DRUM
930	EA				TEMPORARY RAISED PAVEMENT
					MARKERS
5,054	LF				THERMOPLASTIC PAVEMENT MARKING
					LINES (4", 90 MILS)
15,323	LF				THERMOPLASTIC PAVEMENT MARKING
					LINES (4", 120 MILS)
1,445	LF				THERMOPLASTIC PAVEMENT MARKING
					LINES (8", 90 MILS)
810	LF				THERMOPLASTIC PAVEMENT MARKING
					LINES (8", 120 MILS)
1,041	LF				THERMOPLASTIC PAVEMENT MARKING
					LINES (24", 120 MILS)
20	EA				THERMOPLASTIC PAVEMENT MARKING
					CHARACTER (120 MILS)
88	EA				THERMOPLASTIC PAVEMENT MARKING
					SYMBOL (90 MILS)
570	LF				COLD APPLIED PLASTIC PAVEMENT
					MARKING LINES, TYPE ** (4")
					(II)
2,200	LF				COLD APPLIED PLASTIC PAVEMENT
					MARKING LINES, TYPE ** (4")
					(IV)
337,360	LF				PAINT PAVEMENT MARKING LINES
					(4")
3,000	LF				PAINT PAVEMENT MARKING LINES
					(8")
2,700	LF				PAINT PAVEMENT MARKING LINES
					(24")
5,570	LF				REMOVAL OF PAVEMENT MARKING
					LINES (4")
3	EA				REMOVAL OF PAVEMENT MARKING
					SYMBOLS & CHARACTERS
15	EA				PERMANENT RAISED PAVEMENT
					MARKERS
691	EA				SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS				PORTABLE LIGHTING
124	LF				2" WATER LINE
352	LF				6" WATER LINE
82	LF				8" WATER LINE
198	LF				10" WATER LINE
2,195	LF				12" WATER LINE
5,161	LF				16" WATER LINE
2	EA				2" VALVE
2	EA				6" VALVE
1	EA				8" VALVE
1	EA				10" VALVE
2	EA				12" VALVE
6	EA				16" VALVE
3	EA				6" TAPPING VALVE
1	EA				8" TAPPING VALVE
1	EA				10" TAPPING VALVE
2	EA				12" TAPPING VALVE
1	EA				16" TAPPING VALVE
1	EA				2" AIR RELEASE VALVE
31	EA				RELOCATE WATER METER
2	EA				RECONNECT WATER METER
2	EA				FIRE HYDRANT
2	EA				RELOCATE FIRE HYDRANT
60	LF				8" SANITARY GRAVITY SEWER
5,330	LF				ABANDON 8" UTILITY PIPE
118	LF				ABANDON 10" UTILITY PIPE
79	LF				ABANDON 12" UTILITY PIPE
5,081	LF				ABANDON 16" UTILITY PIPE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 005

CONTRACT ID : C202179 40995.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 3.400 MI

COUNTY : CUMBERLAND

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

DBE GOAL 9.0% COMPLETION DATE : AUG 15 2011

US-401 (RAMSEY ST) FROM LAW RD TO NORTH OF SR-1612 (FARMERS RD) IN FAYETTEVILLE.

ROADWAY ITEMS					
			286	EA	SKINNY DRUM
			24,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			1,425	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			247	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			3,600	LF	PAINT PAVEMENT MARKING LINES (4")
			200	LF	PAINT PAVEMENT MARKING LINES (24")
			30	EA	PAINT PAVEMENT MARKING SYMBOL
			1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			20	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			750	EA	PERMANENT RAISED PAVEMENT MARKERS
			1,600	LF	TEMPORARY SILT FENCE
			40	TON	SEDIMENT CONTROL STONE
			50	CY	SILT EXCAVATION
			700	SY	MATTING FOR EROSION CONTROL
			360	LF	1/4" HARDWARE CLOTH
			2	ACR	SEEDING & MULCHING
			15	MHR	SPECIALIZED HAND MOWING
			4	EA	RESPONSE FOR EROSION CONTROL
			4	EA	PEDESTRIAN SIGNAL HEAD (**", ** SECTION)
			2,150	LF	(16", 1 SECTION W/ COUNTDOWN) SIGNAL CABLE
			13	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
			1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
			870	LF	MESSENGER CABLE (3/8")
			100	LF	TRACER WIRE
			1,265	LF	UNPAVED TRENCHING (***** (1, 2"))
			230	LF	DIRECTIONAL DRILL (***** (1, 2"))
			24	EA	JUNCTION BOX (STANDARD SIZE)
			1	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
			2	EA	1" RISER WITH WEATHERHEAD
			2	EA	2" RISER WITH HEAT SHRINK TUBING
			1,870	LF	INDUCTIVE LOOP SAWCUT
			5,760	LF	LEAD-IN CABLE (***** (14-2))
			500	LF	DROP CABLE
			2	EA	SPLICE ENCLOSURE
			2	EA	INTERCONNECT CENTER
			2	EA	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING
			1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
			8	EA	METAL STRAIN SIGNAL POLE
			8	EA	SOIL TEST
			56	CY	DRILLED PIER FOUNDATION
			1	EA	SIGN FOR SIGNALS
			2	EA	SIGNAL CABINET FOUNDATION
			2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			22	EA	DETECTOR CARD (TYPE 2070L)
			2	EA	CABINET BASE EXTENDER
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
Lump Sum	LS	GRADING			
10,700	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
150	SY	FOUNDATION CONDITIONING FABRIC			
50	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
428	LF	15" DRAINAGE PIPE			
200	TON	INCIDENTAL STONE BASE			
40,100	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (0" TO 1-1/2")			
8,900	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
5,500	SY	INCIDENTAL MILLING			
1,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
900	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
12,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
815	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
17	EA	MASONRY DRAINAGE STRUCTURES			
1	LF	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.16			
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
5	EA	FRAME WITH COVER, STD 840.54			
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
2	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS			
11,300	LF	1'-6" CONCRETE CURB & GUTTER			
3,000	LF	2'-6" CONCRETE CURB & GUTTER			
240	SY	4" CONCRETE SIDEWALK			
22	EA	CONCRETE WHEELCHAIR RAMPS			
30	SY	6" CONCRETE DRIVEWAY			
4,300	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
36	EA	ADJUSTMENT OF MANHOLES			
49	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
530	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
1,200	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
78	EA	SIGN ERECTION, TYPE E			
3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)			
2	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
3	EA	DISPOSAL OF SUPPORT, U-CHANNEL			
560	SF	WORK ZONE SIGNS (STATIONARY)			
192	SF	WORK ZONE SIGNS (PORTABLE)			
2	EA	FLASHING ARROW PANELS, TYPE C			
2	EA	CHANGEABLE MESSAGE SIGN			
143	EA	DRUMS			
500	HR	FLAGGER			
2	EA	TMIA			
150	HR	LAW ENFORCEMENT			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 006

CONTRACT ID : C202551 33710.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.350 MI

COUNTY : CHATHAM

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : DEC 31 2011

BRIDGE #56 OVER BUCKHORN CREEK AND APPROACHES ON NC-42.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+47)			
750	CY	SHALLOW UNDERCUT			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
1,110	CY	UNDERCUT EXCAVATION			
1,500	TON	CLASS IV SUBGRADE STABILIZA- TION			
480	CY	DRAINAGE DITCH EXCAVATION			
2,650	SY	FABRIC FOR SOIL STABILIZATION			
1,650	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL			
100	SY	FOUNDATION CONDITIONING FABRIC			
40	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
176	LF	15" RC PIPE CULVERTS, CLASS IV			
80	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III			
40	LF	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS III			
64	LF	PIPE REMOVAL			
1,150	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
142	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
13	EA	RIGHT OF WAY MARKERS			
56	CY	SUBDRAIN EXCAVATION			
42	CY	SUBDRAIN FINE AGGREGATE			
250	LF	6" PERFORATED SUBDRAIN PIPE			
8	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE (SUBDRAINS)			
3.4	CY	ENDWALLS			
2.5	CY	PIPE COLLARS			
3	EA	MASONRY DRAINAGE STRUCTURES			
3	EA	FRAME WITH TWO GRATES, STD 840.29			
168	LF	SHOULDER BERM GUTTER			
537.5	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
35	TON	RIP RAP, CLASS I			
390	TON	RIP RAP, CLASS B			
1,490	SY	FILTER FABRIC FOR DRAINAGE			
45	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
4	EA	SIGN ERECTION, TYPE E			
5	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
80	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
44	EA	DRUMS			
44	EA	CONES			
48	LF	BARRICADES (TYPE III)			
2,400	HR	FLAGGER			
72	EA	SKINNY DRUM			
47	EA	TEMPORARY RAISED PAVEMENT MARKERS			
3,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			

3,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
600	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
14,800	LF	PAINT PAVEMENT MARKING LINES (4")
23	EA	PERMANENT RAISED PAVEMENT MARKERS
4,650	LF	TEMPORARY SILT FENCE
230	TON	STONE FOR EROSION CONTROL, CLASS A
650	TON	STONE FOR EROSION CONTROL, CLASS B
230	TON	SEDIMENT CONTROL STONE
9.5	ACR	TEMPORARY MULCHING
300	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEED- ING
350	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
650	LF	SAFETY FENCE
1,150	CY	SILT EXCAVATION
9,000	SY	MATTING FOR EROSION CONTROL
450	SY	COIR FIBER MAT
1,100	SY	PERMANENT SOIL REINFORCEMENT MAT
400	LF	1/4" HARDWARE CLOTH
130	LB	POLYACRYLAMIDE (PAM)
650	LF	COIR FIBER BAFFLES
6	EA	*** SKIMMER (1-1/2")
9	ACR	SEEDING & MULCHING
6	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
175	LB	SEED FOR SUPPLEMENTAL SEEDING
4.75	TON	FERTILIZER TOPDRESSING
15	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+47.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+47.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (20+47.00-L-)
4,988	SF	REINFORCED CONCRETE DECK SLAB
4,668	SF	GROOVING BRIDGE FLOORS
40	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+47.00-L-)
5,264	LB	REINFORCING STEEL (BRIDGE)
207,000	LS	APPROX LBS STRUCTURAL STEEL
360	LF	HP14X73 STEEL PILES
296.67	LF	CONCRETE BARRIER RAIL
1,295	TON	RIP RAP CLASS II (2'-0" THICK)
1,435	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

L100615 007

CONTRACT ID : C202433 33785.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.148 MI

COUNTY : MOORE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : NOV 30 2010

BRIDGE OVER THE LITTLE RIVER AND APPROACHES ON SR-1864.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+29.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
350	CY	UNDERCUT EXCAVATION
500	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
22	SY	FOUNDATION CONDITIONING FABRIC
8	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
60	LF	15" DRAINAGE PIPE
4	EA	*** DRAINAGE PIPE ELBOWS (15")
130	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
260	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
11	EA	RIGHT OF WAY MARKERS
56	CY	SUBDRAIN EXCAVATION
42	CY	SUBDRAIN FINE AGGREGATE
250	LF	6" PERFORATED SUBDRAIN PIPE
8	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
45	LF	SHOULDER BERM GUTTER
575	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	RIP RAP, CLASS B
510	SY	FILTER FABRIC FOR DRAINAGE
290	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
1,214	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,214	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
700	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
40	EA	PERMANENT RAISED PAVEMENT MARKERS
1,100	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
70	TON	STONE FOR EROSION CONTROL, CLASS B
255	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
60	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
250	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
850	LF	SAFETY FENCE
200	CY	SILT EXCAVATION
8,700	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT

1,200	LF	1/4" HARDWARE CLOTH
100	SY	FLOATING TURBIDITY CURTAIN
150	LF	WATTLE
40	LB	POLYACRYLAMIDE (PAM)
75	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
5	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
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+29.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+29.50-L-)
49.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+29.50-L-)
8,284	LB	REINFORCING STEEL (BRIDGE)
425	LF	HP12X53 STEEL PILES
560	LF	HP14X73 GALVANIZED STEEL PILES
345.5	LF	VERTICAL CONCRETE BARRIER RAIL
250	TON	RIP RAP CLASS II (2'-0" THICK)
275	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,897.5	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 008

CONTRACT ID : C202553 33794.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.222 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : JUL 15 2011

BRIDGE #73 OVER LAKE LUCAS AND APPROACHES ON SR-1518.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (19+00)
50	CY	SHALLOW UNDERCUT
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
250	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
100	TON	CLASS IV SUBGRADE STABILIZATION
3,050	CY	BORROW EXCAVATION
160	CY	DRAINAGE DITCH EXCAVATION
400	SY	FABRIC FOR SOIL STABILIZATION
2,700	TON	ROCK EMBANKMENTS
875	SY	ROCK PLATING
250	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
650	SY	GENERIC GRADING ITEM FILTER FABRIC FOR ROCK EMBANKMENTS
110	SY	FOUNDATION CONDITIONING FABRIC
40	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
148	LF	15" DRAINAGE PIPE
156	LF	15" RC PIPE CULVERTS, CLASS IV
950	TON	#57 STONE SELECT MATERIAL, CLASS (VI)
1,050	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
500	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
78	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
11	EA	RIGHT OF WAY MARKERS
5	EA	MASONRY DRAINAGE STRUCTURES
1.8	LF	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.29
315	LF	SHOULDER BERM GUTTER
400	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
450	LF	REMOVE EXISTING GUARDRAIL
25	TON	RIP RAP, CLASS I
35	TON	RIP RAP, CLASS B
1,355	SY	FILTER FABRIC FOR DRAINAGE
297	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
9,320	LF	PAINT PAVEMENT MARKING LINES (4")
17	EA	PERMANENT RAISED PAVEMENT MARKERS
500	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
170	TON	STONE FOR EROSION CONTROL, CLASS B
345	TON	SEDIMENT CONTROL STONE
4.5	ACR	TEMPORARY MULCHING
175	LB	SEED FOR TEMPORARY SEEDING
2.75	TON	FERTILIZER FOR TEMPORARY SEEDING
375	LF	TEMPORARY SLOPE DRAINS
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,050	LF	SAFETY FENCE
485	CY	SILT EXCAVATION

8,500	SY	MATTING FOR EROSION CONTROL
40	SY	COIR FIBER MAT
1,100	SY	PERMANENT SOIL REINFORCEMENT MAT
675	LF	1/4" HARDWARE CLOTH
525	SY	FLOATING TURBIDITY CURTAIN
8	EA	SPECIAL STILLING BASINS
530	LF	WATTLE
135	LB	POLYACRYLAMIDE (PAM)
260	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
6.5	ACR	SEEDING & MULCHING
3.5	ACR	MOWING
75	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	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 ***** (19+00.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+00.00-L-)
136	LF	3'-6" DIA DRILLED PIERS IN SOIL
34	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
104	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
82.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+00.00-L-)
24,386	LB	REINFORCING STEEL (BRIDGE)
3,981	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
340	LF	HP12X53 STEEL PILES
475.5	LF	VERTICAL CONCRETE BARRIER RAIL
Lump Sum	LS	ELASTOMERIC BEARINGS
2,850	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 009

CONTRACT ID : C202472 34236.3.1

DIV OFFICE ABERDEEN

LENGTH = 7.941 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING, AND SIGNING.

DBE GOAL 12.0% COMPLETION DATE : NOV 15 2012

US-220 (FUTURE I-73/74) FROM SOUTH OF NC-134 AND US-220 BUS TO NORTH OF SR-1462.

ROADWAY ITEMS						
			25,600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
			6,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
Lump Sum	LS	MOBILIZATION	66,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
Lump Sum	LS	CONSTRUCTION SURVEYING				
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	4,665	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
	2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	4,000	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
87,000	CY	UNCLASSIFIED EXCAVATION	167,000	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	
3,000	CY	UNDERCUT EXCAVATION	112	CY	SUBDRAIN EXCAVATION	
21,600	CY	SHALLOW UNDERCUT	84	CY	SUBDRAIN FINE AGGREGATE	
40,000	TON	CLASS IV SUBGRADE STABILIZATION	500	LF	6" PERFORATED SUBDRAIN PIPE	
	240	CY	DRAINAGE DITCH EXCAVATION	15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
44,000	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	
41,850	SY	FABRIC FOR SOIL STABILIZATION	6	LF	6" OUTLET PIPE (SUBDRAINS)	
2,030	SF	TEMPORARY SHORING	45.146	CY	PIPE COLLARS	
2,000	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	0.09	CY	PIPE PLUGS	
3,200	SY	FOUNDATION CONDITIONING FABRIC	205	EA	MASONRY DRAINAGE STRUCTURES	
1,020	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS	144.54	LF	MASONRY DRAINAGE STRUCTURES	
1,164	LF	**** RC PIPE CULVERTS, CLASS ***** (15", III)	96	EA	FRAME WITH TWO GRATES, STD 840.20	
568	LF	**** RC PIPE CULVERTS, CLASS ***** (18", III)	37	EA	FRAME WITH TWO GRATES, STD 840.22	
160	LF	**** RC PIPE CULVERTS, CLASS ***** (24", III)	1	EA	FRAME WITH TWO GRATES, STD 840.29	
140	LF	**** RC PIPE CULVERTS, CLASS ***** (30", III)	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	
44	LF	**** RC PIPE CULVERTS, CLASS ***** (36", III)	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
1,952	LF	15" RC PIPE CULVERTS, CLASS IV	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	
268	LF	18" RC PIPE CULVERTS, CLASS IV	6	EA	FRAME WITH COVER, STD 840.54	
4	LF	24" RC PIPE CULVERTS, CLASS IV	71	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	
32	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (18", 0.5", B)	0.79	CY	GENERIC DRAINAGE ITEM CONCRETE APRON FOR GDI	
32	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (18", 0.5", B)	700	LF	2'-6" CONCRETE CURB & GUTTER	
852	LF	GENERIC PIPE ITEM 15" CS PIPE CULVERTS, 0.064" THICK	12,800	LF	SHOULDER BERM GUTTER	
3,970	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE	17,600	LF	CONCRETE EXPRESSWAY GUTTER	
104	LF	GENERIC PIPE ITEM 18" CS PIPE CULVERTS, 0.064" THICK	170	SY	4" CONCRETE PAVED DITCH	
356	LF	GENERIC PIPE ITEM 18" SIDE DRAIN PIPE	700	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	
33	EA	GENERIC PIPE ITEM 15" CS PIPE ELBOWS, 0.064" THICK	10,030	LF	CONCRETE BARRIER, TYPE ***** (T)	
4	EA	GENERIC PIPE ITEM 18" CS PIPE ELBOWS, 0.064" THICK	10	EA	CONCRETE BARRIER TRANSITION SECTION	
1,959	LF	PIPE REMOVAL	1,520	LF	VARIABLE HEIGHT CONCRETE BARRIER, TYPE ***** (T1)	
Lump Sum	LS	FINE GRADING	370	LF	VARIABLE HEIGHT CONCRETE BARRIER, TYPE ***** (T2)	
500	TON	STABILIZER AGGREGATE	2,030	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	
15,400	TON	AGGREGATE BASE COURSE	11	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET	
21,600	CY	SHOULDER BORROW	11	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER	
3,900	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	5	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER	
16,200	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")	31,000	LF	STEEL BM GUARDRAIL	
4,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	550	LF	STEEL BM GUARDRAIL, SHOP CURVED	
64,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	
2,800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	20	EA	ADDITIONAL GUARDRAIL POSTS	
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	
			46	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	

			6	EA	DISPOSAL OF SIGN SYSTEM, OVER-HEAD
			27	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	160	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
66	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	7	EA	DISPOSAL OF SIGN SYSTEM, WOOD
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	6	EA	DISPOSAL OF SUPPORT, U-CHANNEL
35	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STRUCTURE AT "EB US 64 20' +/- IN FRONT OF EXISTING"
3	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83	Lump Sum	LS	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STRUCTURE AT "WB US 64 20' +/- IN FRONT OF EXISTING"
44,400	LF	REMOVE & RESET EXISTING GUARDRAIL			
54,791	LF	REMOVE EXISTING GUARDRAIL			
1,000	EA	GENERIC GUARDRAIL ITEM REPLACE EXISTING GUARDRAIL OFFSET BLOCKS	632	SF	WORK ZONE SIGNS (STATIONARY)
42,900	LF	WOVEN WIRE FENCE, 47" FABRIC	1,741	SF	WORK ZONE SIGNS (PORTABLE)
2,720	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	130	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
640	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	7	EA	FLASHING ARROW PANELS, TYPE C
4,700	LF	CHAIN LINK FENCE, 48" FABRIC	2	EA	CHANGEABLE MESSAGE SIGN
390	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	42	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
35	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	1,100	EA	DRUMS
12	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, DOUBLE GATE (48")	70	EA	CONES
2,000	LF	ADDITIONAL BARBED WIRE	104	LF	BARRICADES (TYPE III)
5	EA	SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (47", 10', 10')	18	MD	FLAGGER
6	EA	DOUBLE GATES, *** HIGH, ** WIDE, ** OPENING (48", 5', 10')	11	EA	TEMPORARY CRASH CUSHIONS
100	TON	RIP RAP, CLASS I	6	EA	RESET TEMPORARY CRASH CUSHIONS
160	TON	RIP RAP, CLASS B	2	EA	TMIA
3,250	SY	FILTER FABRIC FOR DRAINAGE	18,480	LF	PORTABLE CONCRETE BARRIER
4	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	40	HR	LAW ENFORCEMENT
61	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	18,480	LF	MOVABLE CONCRETE BARRIER
5	CY	PLAIN CONCRETE SIGN FOUNDATIONS	18,480	LF	RESET MOVABLE CONCRETE BARRIER
120	CY	OVERHEAD FOOTING	1	EA	GENERIC TRAFFIC CONTROL ITEM TRANSFER & TRANSPORT VEHICLE FOR MOVABLE CONCRETE BARRIER
32,765	LB	SUPPORTS, BREAKAWAY STEEL BEAM	1,750	EA	TEMPORARY RAISED PAVEMENT MARKERS
15,110	LB	SUPPORTS, SIMPLE STEEL BEAM	193,644	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
5,350	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	23,307	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
16	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	13,526	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (275+00 -L- NBL)	30	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (299+00 -L- SBL)	94,413	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (30+00 -L1- SBL)	1,080	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (III)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (317+80 -L- NBL)	2,400	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (355+00 -L2- NBL)	299,601	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (381+00 -L3- SBL)	14,900	LF	PAINT PAVEMENT MARKING LINES (8")
24	EA	SIGN ERECTION, TYPE D	33	EA	PAINT PAVEMENT MARKING SYMBOL
74	EA	SIGN ERECTION, TYPE E	700	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
56	EA	SIGN ERECTION, TYPE F	1,400	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
21	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	3	EA	PERMANENT RAISED PAVEMENT MARKERS
9	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)	2,150	EA	SNOWPLOWABLE PAVEMENT MARKERS
43	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	7	EA	*** HIGH MOUNT STANDARD (60')
20	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	6	EA	80' HIGH MOUNT STANDARD
16	EA	SIGN ERECTION, MILEMARKERS	3	EA	100' HIGH MOUNT STANDARD
14	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	3	EA	120' HIGH MOUNT STANDARD
6	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	1	EA	PORTABLE DRIVE UNIT
12	EA	DISPOSAL OF SUPPORT, STEEL BEAM	96	CY	HIGH MOUNT FOUNDATIONS
2	EA	DISPOSAL OF SUPPORT, WOOD	76	EA	HIGH MOUNT LUMINAIRES ***** (400W HPS)
			42	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)
			1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)
			300	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE IN 2"C)
			3	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 V, 150A)
			790	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")

115	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
650	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (2")
175	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
515	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
35	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")
1,282	LF	** #8 W/G FEEDER CIRCUIT (2)
280	LF	** #6 W/G FEEDER CIRCUIT (2)
1,158	LF	** #4 W/G FEEDER CIRCUIT (2)
246	LF	** #2 W/G FEEDER CIRCUIT (2)
5,550	LF	** #8 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")
1,263	LF	** #6 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")
4,910	LF	** #4 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")
571	LF	** #2 W/G FEEDER CIRCUIT IN *****" CONDUIT (2, 1.5")
33	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
7	EA	ELECTRICAL JUNCTION BOXES ***** (PC36)
Lump Sum	LS	PORTABLE LIGHTING
45,000	LF	TEMPORARY SILT FENCE
6,750	TON	STONE FOR EROSION CONTROL, CLASS A
4,150	TON	STONE FOR EROSION CONTROL, CLASS B
6,300	TON	SEDIMENT CONTROL STONE
166	ACR	TEMPORARY MULCHING
3,400	LB	SEED FOR TEMPORARY SEEDING
13.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
470	LF	TEMPORARY SLOPE DRAINS
6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
4,850	LF	SAFETY FENCE
9,855	CY	SILT EXCAVATION
93,100	SY	MATTING FOR EROSION CONTROL
125	SY	PERMANENT SOIL REINFORCEMENT MAT
10,500	LF	1/4" HARDWARE CLOTH
5,450	LF	WATTLE
1,335	LB	POLYACRYLAMIDE (PAM)
875	LF	COIR FIBER BAFFLES
93	ACR	SEEDING & MULCHING
102	ACR	MOWING
1,300	LB	SEED FOR REPAIR SEEDING
3.25	TON	FERTILIZER FOR REPAIR SEEDING
2,325	LB	SEED FOR SUPPLEMENTAL SEEDING
69.25	TON	FERTILIZER TOPDRESSING
125	MHR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 010

CONTRACT ID : C202594 34369.3.5

DIV OFFICE NORTH WILKESBORO

LENGTH = 2.454 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 11.0% COMPLETION DATE : SEP 15 2012

NC-16 FROM SOUTHEAST OF SR-1158 TO SOUTHEAST OF NC-88.

ROADWAY ITEMS				
		80	LF	GENERIC PIPE ITEM 54" BIT COAT CS PIPE CULVERTS, TYPE B 0.138" THICK
Lump Sum	LS	76	LF	GENERIC PIPE ITEM 54" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	12	LF	GENERIC PIPE ITEM 60" BIT COAT CS PIPE CULVERTS, TYPE B 0.138" THICK
1	ACR	92	LF	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS III
		80	LF	GENERIC PIPE ITEM 72" RC PIPE CULVERTS, CLASS III
1	EA	2	EA	GENERIC PIPE ITEM 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
25,800	CY	2	EA	GENERIC PIPE ITEM 18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
Lump Sum	LS	2	EA	GENERIC PIPE ITEM 24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
		2	EA	GENERIC PIPE ITEM 30" BIT COAT CS PIPE ELBOWS, TYPE B 0.079" THICK
1,000	CY	758	LF	PIPE REMOVAL
500	CY	2	EA	PIPE CLEAN-OUT
1,000	TON	Lump Sum	LS	FINE GRADING
		500	TON	STABILIZER AGGREGATE
6,600	SY	250	TON	INCIDENTAL STONE BASE
11,600	CY	31,300	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
1,050	CY	6,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
100	LF	13,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
380	SY	10,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
		1,515	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,000	CY	640	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1,500	SY	138	EA	RIGHT OF WAY MARKERS
28,925	SF	560	CY	SUBDRAIN EXCAVATION
500	SY	420	CY	SUBDRAIN FINE AGGREGATE
		2,500	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	75	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
		5	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
3	EA	30	LF	6" OUTLET PIPE (SUBDRAINS)
		21	CY	ENDWALLS
10	EA	36	CY	REINFORCED ENDWALLS
		5	CY	PIPE COLLARS
2,600	SY	2	CY	PIPE PLUGS
830	TON	25	CY	FLOWABLE FILL
		116	EA	MASONRY DRAINAGE STRUCTURES
12	LF	53	LF	MASONRY DRAINAGE STRUCTURES
		1	EA	FRAME WITH GRATE, STD 840.**** (840.20)
32	LF	3	EA	FRAME WITH GRATE, STD 840.22
		2	EA	FRAME WITH TWO GRATES, STD 840.16
132	LF	1	EA	FRAME WITH TWO GRATES, STD 840.20
		23	EA	FRAME WITH TWO GRATES, STD 840.22
48	LF	12	EA	FRAME WITH TWO GRATES, STD 840.24
		75	EA	FRAME WITH TWO GRATES, STD 840.29
1,420	LF	3	EA	FRAME WITH COVER, STD 840.54
		4,390	LF	SHOULDER BERM GUTTER
54	LF	2,750	LF	CONCRETE EXPRESSWAY GUTTER
		2,200	SY	4" CONCRETE PAVED DITCH
140	LF	205	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
164	LF			
92	LF			
352	LF			
68	LF			
44	LF			
68	LF			
64	LF			

4,710	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	0.6	ACR	REFORESTATION	
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350				
9,600	LF	STEEL BM GUARDRAIL				***** BEGIN SCHEDULE AA *****
150	LF	STEEL BM GUARDRAIL, SHOP CURVED	4,488	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III	***** (3 ALTERNATES) *****
10	EA	ADDITIONAL GUARDRAIL POSTS				
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)	260	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III	
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1				*** OR ***
34	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	204	LF	***" HDPE PIPE CULVERTS (15")	
15	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	12	LF	***" HDPE PIPE CULVERTS (24")	
4	EA	GENERIC GUARDRAIL ITEM IMPACT ATTENUATOR UNIT, TYPE 350 TL-2	4,284	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III	
1,000	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)	248	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III	
260	TON	RIP RAP, CLASS I				*** OR ***
3,009	TON	RIP RAP, CLASS II	204	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")	
70	TON	RIP RAP, CLASS B				
7,980	SY	FILTER FABRIC FOR DRAINAGE	12	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")	
6	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON				
450	SF	WORK ZONE SIGNS (STATIONARY)	4,284	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III	
192	SF	WORK ZONE SIGNS (PORTABLE)				
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	248	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III	
4	EA	CHANGEABLE MESSAGE SIGN				
286	EA	DRUMS				
64	LF	BARRICADES (TYPE III)				
1,440	MD	FLAGGER				
18	EA	TEMPORARY CRASH CUSHIONS				*** END SCHEDULE AA ***
2	EA	TMIA				
4,592	LF	PORTABLE CONCRETE BARRIER				
80	HR	LAW ENFORCEMENT				
6	EA	TUBULAR MARKERS (FIXED)				
270	EA	TEMPORARY RAISED PAVEMENT MARKERS	1,098	SF	SOIL NAIL RETAINING WALLS	
			2	EA	SOIL NAIL VERIFICATION TESTS	
176,890	LF	PAINT PAVEMENT MARKING LINES (4")	6	EA	SOIL NAIL PROOF TESTS	
50,928	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)	9,910	SF	PRECAST GRAVITY RETAINING WALLS	
34	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)	1,816	SF	GENERIC RETAINING WALL ITEM COBBLE FACED RETAINING WALL (253+00.00 -L1-)	
5,644	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	667	SF	GENERIC RETAINING WALL ITEM COBBLE FACED RETAINING WALL (267+50.00 -L1-)	
162	EA	SNOWPLOWABLE PAVEMENT MARKERS	1,355	SF	GENERIC RETAINING WALL ITEM COBBLE FACED RETAINING WALL (272+00.00 -L1-)	
35,500	LF	TEMPORARY SILT FENCE	178	SF	GENERIC RETAINING WALL ITEM COBBLE FACED RETAINING WALL (280+00.00 -L1-)	
3,040	TON	STONE FOR EROSION CONTROL, CLASS A	3,070	SF	GENERIC RETAINING WALL ITEM COBBLE FACED RETAINING WALL (290+50.00 -L1-)	
1,915	TON	STONE FOR EROSION CONTROL, CLASS B				
3,195	TON	SEDIMENT CONTROL STONE				
27.5	ACR	TEMPORARY MULCHING				
450	LB	SEED FOR TEMPORARY SEEDING				
2.75	TON	FERTILIZER FOR TEMPORARY SEEDING				
2,450	LF	TEMPORARY SLOPE DRAINS				
24	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
6,500	LF	SAFETY FENCE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (364+50.00 -L1-)	
4,145	CY	SILT EXCAVATION				
47,000	SY	MATTING FOR EROSION CONTROL	Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 364+50.00 -L1-)	
600	SY	COIR FIBER MAT				
2,500	SY	PERMANENT SOIL REINFORCEMENT MAT	1,265	CY	UNCLASSIFIED STRUCTURE EXCAVATION	
9,150	LF	1/4" HARDWARE CLOTH				
4	EA	SPECIAL STILLING BASINS	76.9	CY	CLASS A CONCRETE (BRIDGE)	
4,270	LF	WATTLE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (364+50.00 -L1-)	
1,067	LB	POLYACRYLAMIDE (PAM)				
100	LF	COIR FIBER BAFFLES	8,548	LB	REINFORCING STEEL (BRIDGE)	
1	EA	*** SKIMMER (1-1/2")	135	LF	HP12X53 STEEL PILES	
15	ACR	SEEDING & MULCHING	165.5	LF	CONCRETE BARRIER RAIL	
10	ACR	MOWING	247	TON	RIP RAP CLASS II (2'-0" THICK)	
250	LB	SEED FOR REPAIR SEEDING	275	SY	FILTER FABRIC FOR DRAINAGE	
0.25	TON	FERTILIZER FOR REPAIR SEEDING	Lump Sum	LS	ELASTOMERIC BEARINGS	
325	LB	SEED FOR SUPPLEMENTAL SEEDING	1,241.25	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS	
9.25	TON	FERTILIZER TOPDRESSING				
250	MHR	SPECIALIZED HAND MOWING				
45	EA	RESPONSE FOR EROSION CONTROL				

WALL ITEMS

STRUCTURE ITEMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 011

CONTRACT ID : C202127 38590.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.017 MI

COUNTY : YADKIN, SURRY

GRADING, DRAINAGE, STR REMOVAL & RETAINING WALL.

DBE GOAL 4.0% COMPLETION DATE : DEC 31 2011

BRIDGE OVER YADKIN RIVER AND APPROACHES ON SR-1190.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
150	TON	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL
5	SY	FOUNDATION CONDITIONING FABRIC
12	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
12	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III
20	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
1	CY	FLOWABLE FILL
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
80	LF	2'-6" CONCRETE CURB & GUTTER
65	LF	CONCRETE VALLEY GUTTER
135	SY	4" CONCRETE SIDEWALK
2	EA	CONCRETE WHEELCHAIR RAMPS
50	LF	STEEL BM GUARDRAIL
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
1	EA	ADDITIONAL GUARDRAIL POSTS
360	SY	FILTER FABRIC FOR DRAINAGE
275	SF	WORK ZONE SIGNS (STATIONARY)
112	SF	WORK ZONE SIGNS (PORTABLE)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	DRUMS
15	EA	CONES
64	LF	BARRICADES (TYPE III)
600	HR	FLAGGER
15	EA	SKINNY DRUM
62	LF	6" WATER LINE
1	EA	RELOCATE WATER METER
68	LF	8" SANITARY GRAVITY SEWER
3	EA	4' DIA UTILITY MANHOLE
12	LF	UTILITY MANHOLE WALL, 4' DIA
56	LF	ABANDON 6" UTILITY PIPE
72	LF	ABANDON 8" UTILITY PIPE
2	EA	REMOVE UTILITY MANHOLE
1,200	LF	TEMPORARY SILT FENCE
135	TON	STONE FOR EROSION CONTROL, CLASS A
25	TON	STONE FOR EROSION CONTROL, CLASS B
90	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
25	LB	SEED FOR TEMPORARY SEEDING
0.1	TON	FERTILIZER FOR TEMPORARY SEEDING
55	CY	SILT EXCAVATION
1,000	SY	MATTING FOR EROSION CONTROL
100	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
0.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
25	LB	SEED FOR REPAIR SEEDING
0.1	TON	FERTILIZER FOR REPAIR SEEDING
25	LB	SEED FOR SUPPLEMENTAL SEEDING
0.25	TON	FERTILIZER TOPDRESSING
5	MHR	SPECIALIZED HAND MOWING
6	EA	RESPONSE FOR EROSION CONTROL
57	EA	HEMEROCALLIS, DAYLILY HEMEROCALLIS/BUTTERED POPCORN' BUTTERED POPCORN DAYLILY, #1 CONT

11	EA	GENERIC PLANTING ITEM ABELIA X GRANDIFLORA 'KALEIDOSCOPE' KALEIDOSCOPE ABELEIA, #3 CONT, 12-15"
7	EA	GENERIC PLANTING ITEM BUDDLEA DAVIDII 'WHITE BALL' WHITE BALL BUTTERFLY BUSH, #3 CONT, 12-15"
225	EA	GENERIC PLANTING ITEM LIRIOPE MUSCARI 'VARIEGATA' VARIEGATED LIRIOPE, #1 CONT
6	EA	GENERIC PLANTING ITEM QUERCUS SCHUMARDII, SCHUMARD OAK, B&B, 12-14'; 2-1/2-3" CAL.
7	EA	GENERIC PLANTING ITEM RAPHIOLEPSIS UMBELLATA 'SNOW WHITE' SNOW WHITE HAWTHORNE, #3 CONT, 18-24"
2	EA	GENERIC PLANTING ITEM INSTALL 6' PARK BENCH
15	CY	MULCH FOR PLANTING
3	M/G	WATER FOR PLANTING
Lump Sum	LS	GENERIC PLANTING ITEM (LS) LANDSCAPE GRADING
22	CY	TOPSOIL

WALL ITEMS

856	SF	MSE RETAINING WALLS
1,375	SF	SOLDIER PILE RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+14.81-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+14.81-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+14.81-L-)
71	CY	CLASS A CONCRETE (BRIDGE)
8,616	LB	REINFORCING STEEL (BRIDGE)
Lump Sum	LS	GENERIC STRUCTURE ITEM ARCH CONC SURF TREATMENT (14+14.81-L-)
Lump Sum	LS	GENERIC STRUCTURE ITEM BUILDING SURVEYS
Lump Sum	LS	GENERIC STRUCTURE ITEM VIBRATION MONITORING
80	LF	GENERIC STRUCTURE ITEM 2-#8 W/G FEED CIRC IN 1-1/2" CONDUIT (14+14.81-L-)
180.8	LF	GENERIC STRUCTURE ITEM METAL HANDRAIL (14+14.81-L-)
61	CY	GENERIC STRUCTURE ITEM #57 STONE (14+14.81-L-)
1	EA	GENERIC STRUCTURE ITEM ELEC JUNCTION BOX TYPE PC18 (14+14.81-L-)
3	EA	GENERIC STRUCTURE ITEM ELEC JUNCTION BOX TYPE SW (14+14.81-L-)
4	EA	GENERIC STRUCTURE ITEM INSTALL POST TOP LIGHT (14+14.81-L-)

2 EA GENERIC STRUCTURE ITEM
POST TOP LT STD FOUND TYPE R1S
(14+14.81-L)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 012

CONTRACT ID : C202550 33537.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.033 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2011

BRIDGE #37 OVER HOPPER CREEK AND APPROACHES ON NC-226.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
12,600	CY	UNCLASSIFIED EXCAVATION
20	CY	SHALLOW UNDERCUT
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
Lump Sum	LS	GRADING
20	TON	CLASS IV SUBGRADE STABILIZATION
710	CY	DRAINAGE DITCH EXCAVATION
750	SY	FABRIC FOR SOIL STABILIZATION
100	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
90	SY	FOUNDATION CONDITIONING FABRIC
10	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
52	LF	*** X *** CS STRUCTURAL PLATE PIPE ARCH, ** GAUGE (154" X 100", 12)
111	LF	PIPE REMOVAL
1,271	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
113	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
70	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
39	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
9	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
35	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)
340	SF	SANDBAG HEADWALL
2	EA	GENERIC DRAINAGE ITEM ROCK INLET SILL
762.5	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
818	LF	REMOVE EXISTING GUARDRAIL
837.5	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
410	LF	WOVEN WIRE FENCE, 47" FABRIC
20	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
20	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
130	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (48")
30	TON	RIP RAP, CLASS I
110	TON	RIP RAP, CLASS B
1,750	SY	FILTER FABRIC FOR DRAINAGE
220	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
125	EA	CONES
48	LF	BARRICADES (TYPE III)
960	HR	FLAGGER
1	EA	TMIA
18	EA	TEMPORARY RAISED PAVEMENT MARKERS

27,007	LF	PAINT PAVEMENT MARKING LINES (4")
5,452	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
17	EA	SNOWPLOWABLE PAVEMENT MARKERS
2,000	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
270	TON	STONE FOR EROSION CONTROL, CLASS B
135	TON	SEDIMENT CONTROL STONE
10.5	ACR	TEMPORARY MULCHING
300	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEED- ING
375	LF	TEMPORARY SLOPE DRAINS
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
950	LF	SAFETY FENCE
900	CY	SILT EXCAVATION
10,500	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
600	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
135	CY	STILLING BASINS
3	EA	SPECIAL STILLING BASINS
110	LF	WATTLE
30	LB	POLYACRYLAMIDE (PAM)
775	LF	COIR FIBER BAFFLES
7	EA	*** SKIMMER (1-1/2")
9	ACR	SEEDING & MULCHING
6	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
175	LB	SEED FOR SUPPLEMENTAL SEEDING
5.25	TON	FERTILIZER TOPDRESSING
175	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
175	CY	CULVERT DIVERSION CHANNEL
0.5	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+91.50-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (17+91.50-L-)
170	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
281.7	CY	CLASS A CONCRETE (CULVERT)
57,229	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 013

CONTRACT ID : C201242 34510.2.2

DIV OFFICE ASHEVILLE

LENGTH = 3.039 KM

COUNTY : BURKE

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : OCT 15 2012

SR-1546 (LOVELADY RD) FROM SR-1545 (LAUREL ST) TO SR-1001 (MALCOLM BLVD).

ROADWAY ITEMS					
			10,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			1,550	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	MOBILIZATION	220	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	CONSTRUCTION SURVEYING	414	M3	SUBDRAIN EXCAVATION
22,000	M3	UNCLASSIFIED EXCAVATION	207	M3	SUBDRAIN FINE AGGREGATE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+72.950-L-)	500	M	150MM PERFORATED SUBDRAIN PIPE
500	M3	SHALLOW UNDERCUT	51	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
0.4	HA	SUPPLEMENTARY CLEARING & GRUB-BING	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
130	M3	UNDERCUT EXCAVATION	8	M	150MM OUTLET PIPE (SUBDRAINS)
Lump Sum	LS	GRADING	6	M3	ENDWALLS
1,000	MTN	CLASS IV SUBGRADE STABILIZATION	1	M3	PIPE COLLARS
750	M3	DRAINAGE DITCH EXCAVATION	0.5	M3	PIPE PLUGS
225	M	BERM DITCH CONSTRUCTION	60	EA	MASONRY DRAINAGE STRUCTURES
1,000	M2	FABRIC FOR SOIL STABILIZATION	4	M	MASONRY DRAINAGE STRUCTURES
1,000	M3	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	11	EA	FRAME WITH TWO GRATES, STD 840.16
2,160	M2	FOUNDATION CONDITIONING FABRIC	13	EA	FRAME WITH TWO GRATES, STD 840.24
740	MTN	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS	9	EA	FRAME WITH TWO GRATES, STD 840.29
13.2	M	300MM DRAINAGE PIPE	4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
406.8	M	375MM DRAINAGE PIPE	11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
216	M	450MM DRAINAGE PIPE	11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
49.2	M	600MM DRAINAGE PIPE	2	EA	FRAME WITH COVER, STD 840.54
25.2	M	750MM DRAINAGE PIPE	2	EA	***MM SLUICE GATE (625MM)
2	EA	****MM DRAINAGE PIPE ELBOWS (300MM)	1	EA	***MM SLUICE GATE (970MM)
6	EA	****MM DRAINAGE PIPE ELBOWS (375MM)	38	M	*** X ****MM CONCRETE CURB (200MM X 450MM)
2	EA	****MM DRAINAGE PIPE ELBOWS (450MM)	134	M	*** X ****MM CONCRETE CURB (225MM X 450MM)
24	M	****MM RC PIPE CULVERTS, CLASS ***** (300MM, IV)	66	M	450MM CONCRETE CURB & GUTTER
422.4	M	375MM RC PIPE CULVERTS, CLASS IV	1,280	M	750MM CONCRETE CURB & GUTTER
193.2	M	450MM RC PIPE CULVERTS, CLASS IV	245	M	SHOULDER BERM GUTTER
81.6	M	600MM RC PIPE CULVERTS, CLASS IV	72	M	CONCRETE EXPRESSWAY GUTTER
36	M	750MM RC PIPE CULVERTS, CLASS IV	600	M2	100MM CONCRETE SIDEWALK
24	M	GENERIC PIPE ITEM 300MM CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK	3	EA	CONCRETE WHEELCHAIR RAMPS
202.8	M	GENERIC PIPE ITEM 375MM SIDE DRAIN PIPE	1,440	M2	150MM CONCRETE DRIVEWAY
12	M	GENERIC PIPE ITEM 400MM CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK	100	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
56.4	M	GENERIC PIPE ITEM 450MM SIDE DRAIN PIPE	235	M2	GENERIC PAVING ITEM 200MM CONCRETE TRUCK APRON
10.8	M	GENERIC PIPE ITEM 600MM CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK	6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
24	M	GENERIC PIPE ITEM 800MM CORRUGATED STEEL PIPE CULVERTS, 2.01MM THICK	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER
4	EA	GENERIC PIPE ITEM 300MM CORRUGATED STEEL PIPE ELBOW, 1.63MM THICK	346.71	M	STEEL BM GUARDRAIL
2	EA	GENERIC PIPE ITEM 600MM CORRUGATED STEEL PIPE ELBOW, 1.63MM THICK	19.05	M	STEEL BM GUARDRAIL, SHOP CURVED
388.2	M	PIPE REMOVAL	10	EA	ADDITIONAL GUARDRAIL POSTS
500	MTN	STABILIZER AGGREGATE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
2,000	MTN	AGGREGATE BASE COURSE	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
300	MTN	INCIDENTAL STONE BASE	9	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2,700	L	PRIME COAT	76	M	REMOVE EXISTING GUARDRAIL
200	M2	INCIDENTAL MILLING	41.91	M	TEMPORARY STEEL BM GUARDRAIL
10,600	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
10,500	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			55	MTN	RIP RAP, CLASS I
			1,060	MTN	RIP RAP, CLASS B
			4,200	M2	FILTER FABRIC FOR DRAINAGE

			1,900	MTN	STONE FOR EROSION CONTROL, CLASS A
			3,000	MTN	STONE FOR EROSION CONTROL, CLASS B
302	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL	1,400	MTN	SEDIMENT CONTROL STONE
69	EA	SIGN ERECTION, TYPE E	30	HA	TEMPORARY MULCHING
6	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	625	KG	SEED FOR TEMPORARY SEEDING
41	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	4.75	MTN	FERTILIZER FOR TEMPORARY SEEDING
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD	225	M	TEMPORARY SLOPE DRAINS
1	EA	DISPOSAL OF SIGN, D, E OR F	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
59	M2	WORK ZONE SIGNS (STATIONARY)	850	M	SAFETY FENCE
10	M2	WORK ZONE SIGNS (PORTABLE)	7,700	M3	SILT EXCAVATION
27	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	45,000	M2	MATTING FOR EROSION CONTROL
430	EA	DRUMS	150	M2	COIR FIBER MAT
50	EA	CONES	2,000	M2	PERMANENT SOIL REINFORCEMENT MAT
40	M	BARRICADES (TYPE III)	550	M	6.4MM HARDWARE CLOTH
1,000	MD	FLAGGER	1,050	M	COIR FIBER BAFFLES
325	EA	TEMPORARY RAISED PAVEMENT MARKERS	14	EA	***MM SKIMMER (38MM)
7,350	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	15	HA	SEEDING & MULCHING
9,425	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	17	HA	MOWING
458	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	375	KG	SEED FOR REPAIR SEEDING
75	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	1.25	MTN	FERTILIZER FOR REPAIR SEEDING
47	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	400	KG	SEED FOR SUPPLEMENTAL SEEDING
67,700	M	PAINT PAVEMENT MARKING LINES (100MM)	23	MTN	FERTILIZER TOPDRESSING
920	M	PAINT PAVEMENT MARKING LINES (200MM)	20	M	IMPERVIOUS DIKE
40	M	PAINT PAVEMENT MARKING LINES (300MM)	15	MHR	SPECIALIZED HAND MOWING
170	M	PAINT PAVEMENT MARKING LINES (600MM)	36	EA	RESPONSE FOR EROSION CONTROL
102	EA	PAINT PAVEMENT MARKING SYMBOL	0.5	HA	REFORESTATION
2,000	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	200	M	SIGNAL CABLE
125	EA	SNOWPLOWABLE PAVEMENT MARKERS	3	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
8	EA	LIGHT STANDARD, TYPE MTLT ***** (13.7M SA, 4.6M)	3	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
8	EA	STANDARD FOUNDATION ***** (R1)	215	M	UNPAVED TRENCHING (***** (2, 2'))
8	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW 250W HPS, MC3)	70	M	DIRECTIONAL DRILL (***** (2, 2'))
1	EA	ELECTRIC SERVICE POLE ***** (9.1M CLASS 4)	11	EA	JUNCTION BOX (STANDARD SIZE)
15	M	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)	175	M	INDUCTIVE LOOP SAWCUT
33	M	ELECTRICAL DUCT, TYPE JA, SIZE ***** (TS3)	375	M	LEAD-IN CABLE (***** (14-2))
308	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	1	EA	METAL POLE WITH SINGLE MAST ARM
3	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	1	EA	METAL POLE WITH DUAL MAST ARM
Lump Sum	LS	GENERIC LIGHTING ITEM POWER SUPPLY TO ROADWAY LIGHTS	2	EA	SOIL TEST
55	M	50MM WATER LINE	12	M3	DRILLED PIER FOUNDATION
1,298	M	150MM WATER LINE	2	EA	MAST ARM WITH METAL POLE DESIGN
236	M	200MM WATER LINE	1	EA	SIGNAL CABINET FOUNDATION
548	M	300MM WATER LINE	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
22	M	500MM WATER LINE	5	EA	DETECTOR CARD (TYPE 2070L)
6	EA	50MM VALVE	1	EA	CABINET BASE EXTENDER
5	EA	150MM VALVE			
1	EA	200MM VALVE			
4	EA	300MM VALVE			
1	EA	500MM VALVE			
47	EA	RELOCATE WATER METER			
8	EA	RELOCATE FIRE HYDRANT			
13	M	***MM FORCE MAIN SEWER (75MM)			
2	EA	SANITARY SEWER CLEAN-OUT			
1	EA	1200MM DIA UTILITY MANHOLE			
497	M	ABANDON 300MM UTILITY PIPE			
24	M	ABANDON 450MM UTILITY PIPE			
1	EA	REMOVE UTILITY MANHOLE			
3	EA	GENERIC UTILITY ITEM BREAKDOWN AND REBUILD MANHOLE			
1	EA	GENERIC UTILITY ITEM WATER METER VAULT			
6,500	M	TEMPORARY SILT FENCE			

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (20+72.950-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+72.950-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (20+72.950-L-)
33.2	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+72.950-L-)
3,094	KG	REINFORCING STEEL (BRIDGE)
75	M	HP310X79 STEEL PILES
20	EA	STEEL PILE POINTS
42.36	M	TWO BAR METAL RAIL
46.92	M	*** X ***MM CONCRETE PARAPET (355MM X 800MM)
230	MTN	RIP RAP CLASS II (600MM THICK)
240	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
351.9	M	914MM X 838MM PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L100615 014

CONTRACT ID : C202428 32998.2.2

DIV OFFICE SYLVA

LENGTH = 0.079 MI

COUNTY : GRAHAM

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : AUG 01 2011

BRIDGE OVER CHEOAH RIVER AND APPROACHES ON SR-1134.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+34.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
2,400	CY	BORROW EXCAVATION
200	CY	DRAINAGE DITCH EXCAVATION
50	SY	FABRIC FOR SOIL STABILIZATION
50	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
60	SY	FOUNDATION CONDITIONING FABRIC
20	TON	GENERIC DRAINAGE ITEM FOUNDATION CONDITIONING MATERIAL, MINOR STRS
48	LF	15" DRAINAGE PIPE
132	LF	GENERIC PIPE ITEM 18" SIDE DRAIN PIPE
110	TON	AGGREGATE BASE COURSE
250	TON	INCIDENTAL STONE BASE
73.5	GAL	PRIME COAT
120	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
260	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
22.4	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)
2	CY	FLOWABLE FILL
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
25	LF	SHOULDER BERM GUTTER
125	LF	STEEL BM GUARDRAIL, SHOP CURVED
4	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TL-2)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (SHOP CURVED, TYPE III)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1	EA	GENERIC GUARDRAIL ITEM IMPACT ATTENUATOR UNIT, TYPE 350 (TL-2)
10	TON	RIP RAP, CLASS B
1,180	SY	FILTER FABRIC FOR DRAINAGE
70	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, TYPE F
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
385	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
141	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
23	EA	CONES
180	LF	BARRICADES (TYPE III)
96	HR	FLAGGER
5,764	LF	PAINT PAVEMENT MARKING LINES (4")
76	LF	PAINT PAVEMENT MARKING LINES (24")

1,325	LF	TEMPORARY SILT FENCE
330	TON	STONE FOR EROSION CONTROL, CLASS A
170	TON	STONE FOR EROSION CONTROL, CLASS B
370	TON	SEDIMENT CONTROL STONE
2	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
1,350	LF	SAFETY FENCE
310	CY	SILT EXCAVATION
5,460	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
175	SY	PERMANENT SOIL REINFORCEMENT MAT
650	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
100	LF	WATTLE
25	LB	POLYACRYLAMIDE (PAM)
180	LF	COIR FIBER BAFFLES
1	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
1	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.15	ACR	REFORESTATION

WALL ITEMS

785	SF	GENERIC RETAINING WALL ITEM COBBLE FACED RETAINING WALL
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STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+34.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+34.00-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,14+34.00-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,14+34.00-L-)
20	LF	PILE EXCAVATION IN SOIL
25	LF	PILE EXCAVATION NOT IN SOIL
101.4	CY	CLASS A CONCRETE (BRIDGE)
16,270	LB	REINFORCING STEEL (BRIDGE)
1,394	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
213	LF	HP12X53 STEEL PILES
5	EA	STEEL PILE POINTS
414.8	LF	VERTICAL CONCRETE BARRIER RAIL
430	TON	RIP RAP CLASS II (2'-0" THICK)
475	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,071.15	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

