




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

July 18, 2006

TO: All Prospective Contractors  
FROM: R.A. Garris, PE, Contract Officer   
SUBJECT: Fuel Price Adjustment Policy Change

Effective with the August 15, 2006 Letting, the Proposals and Contract Office will begin including the Fuel Price Adjustment provision in all contracts that contain an item on the Fuel Price Adjustment List regardless of the quantity of the item involved. Prior to this change, only items identified as major items were included in the fuel price adjustment provision. The list of potential items and fuel adjustment factors will not be changed. This policy will be implemented on all projects let out of the Raleigh Contract Office.

If there are any questions, I can be reached at 919-250-4124.

Attachment: Project Special Provision for Fuel Price Adjustment

**FUEL PRICE ADJUSTMENT:**

(11-15-05)

SPI G43

Revise the 2006 *Standard Specifications* as follows:

Page 1-93 Subarticle 109-8, add the following:

The base index price for DIESEL #2 FUEL is \$            per gallon.

The selected item(s) of work and the fuel factor used in calculating adjustments to be made are as follows:

Line #	Description	Units	Fuel Usage Factor Diesel
	Unclassified Excavation	Gal/CY	0.29
	Borrow Excavation	Gal/CY	0.29
	Aggregate Base Course	Gal/Ton	0.55
	Asphalt Concrete Base Course, Type B25.0	Gal/Ton	2.90
	Asphalt Concrete Base Course, Type B37.5C	Gal/Ton	2.90
	Asphalt Concrete Intermediate Course, Type I19.0	Gal/Ton	2.90
	Asphalt Concrete Surface Course, Type S4.75A & SF 9.5A	Gal/Ton	2.90
	Asphalt Concrete Surface Course, Type S9.5	Gal/Ton	2.90
	Asphalt Concrete Surface Course, Type S12.5	Gal/Ton	2.90
	Open-Graded Asphalt Friction Course	Gal/Ton	2.90
	Sand Asphalt Surface Course, Type F-1	Gal/Ton	2.90
	Aggregate for Cement Treated Base Course	Gal/Ton	0.55
	Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
	In. Portland Cement Concrete Pavement	Gal/SY	0.245
	Concrete Shoulders Adjacent to      In. Pavement	Gal/SY	0.245



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
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LYNDO TIPPETT  
SECRETARY

May 23, 2006

Memorandum To: Invitation To Bid Recipients

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

Subject: Electronic Plans

In an effort to provide the industry with electronic data in a more efficient and effective manner, the Department has made changes in the way plans and proposals are made available electronically. The plans are divided into categories as before, but now each category is an individual file that can be downloaded and printed in its entirety or a range of plan sheets can be printed. This method is much faster as opposed to the previous method. If you have not done so already, please visit the following web address:

<http://www.ncdot.org/doh/construction/ps/contracts/letting.html>

Prospective bidders are cautioned to the fact that the Department will not be responsible nor accept any claims resulting in incomplete plans being downloaded and printed for the purpose of placing bids.

Please remember all prospective bidders are required to purchase plans/proposals for each project for which he intends to submit a bid.

If you have any questions, I can be reached at (919) 250-4124.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACTS & PROPOSALS  
1591 MAIL SERVICE CENTER

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

WEBSITE: [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

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

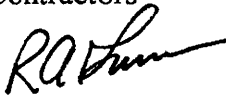


STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

February 21, 2006

Memorandum To: All Prequalified Contractors  
From: R.A. Garris, P.E.   
Contract Officer  
Subject: Pile Driving Equipment Data Form

In order to assist the Department in expediting the review and approval process for pile driving methods and equipment, a new Pile Driving Equipment Data Form has been developed. The new form is available for use and is located at the following web address:

<http://www.ncdot.org/doh/preconstruct/highway/geotech/formprovdet/>

This is a two page form with the second page being the submittal instructions. Electronic submittal to the appropriate regional office of the Geotechnical Unit is encouraged to further expedite the approval process.

If you have any questions concerning the submittal process, please contact one of the regional offices listed on the attached instruction sheet of the form for assistance.



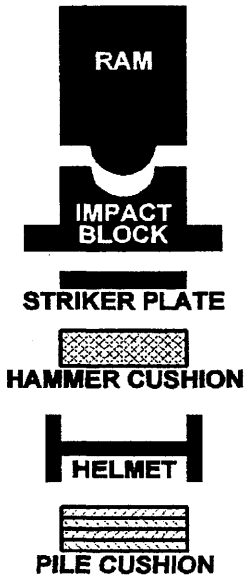
**DIVISION OF HIGHWAYS**  
**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION**  
**GEOTECHNICAL ENGINEERING UNIT**

**PILE DRIVING EQUIPMENT**  
**DATA FORM**

Revised 01/10/06

WBS: \_\_\_\_\_ TIP: \_\_\_\_\_ Contract No.: \_\_\_\_\_ County: \_\_\_\_\_  
 Desc: \_\_\_\_\_ Structure No.: \_\_\_\_\_  
 Structure Location (Line and Station): \_\_\_\_\_ If dual bridges, indicate LEFT, RIGHT, or BOTH: \_\_\_\_\_

**HAMMER COMPONENTS**



		HAMMER 1	HAMMER 2	HAMMER 3	HAMMER 4
<b>HAMMER</b>	Manufacturer				
	Model				
	Serial No.				
	Ram Weight (kip)				
	Max Stroke (ft)				
	Striker Plate + Helmet Wt (kip)				
	Max Rated Energy (kip-ft)				
<b>HAMMER CUSHION</b>	<b>First Material</b>	Area (sq in)			
		Material			
		Number of Layers			
	<b>Second Material</b>	Thickness per Layer (in)			
		Material			
		Number of Layers			
	Thickness per Layer (in)				
Last NCDOT Inspection Date					
<b>PILE CUSHION</b>	Material				
	Area (sq in)				
	Thickness (in)				

List below the hammers that may be used for each pile type. Do not submit more than two hammers per pile type per submittal. Multiple bent numbers may be listed for each pile type.

Pile Type (e.g. HP 12x53)			
Pile Points / Plates / Tips			
Hammer No(s). (List, 2 per pile type maximum)			
Bent No(s). (List, e.g. EB1, B2, B4(Left))			
Installation Method / Notes (e.g. jetting, preaugering, spudding, vibratory hammer, template, barge, etc.)			

**COMMENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Contractor: \_\_\_\_\_ Office Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_ email: \_\_\_\_\_

**See Page 2 for submittal instructions. Electronic submission is preferred.**

Submit one hard copy of the completed form to the Resident Engineer.

Submit a second copy of the completed form to the Geotechnical Engineering Unit.  
For the Geotechnical Engineering Unit, select one of the following methods of submission.

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**Method 1, Electronic Submission (preferred)**

Submit a digital file as an email attachment to the appropriate email addresses below.  
The digital file may be a scanned image of the completed and signed form, or an Excel<sup>®</sup> file.  
Instructions for Excel<sup>®</sup> file submission:

- a. Key in the submitter's name at the bottom of the form, and submit from this person's email address.  
(The return email address must match the typed name and email address on the form.)
- b. Submit the digital form in Excel<sup>®</sup> 97 format or older.

**Method 2, US Mail or Other Delivery Service Submission**

Complete and sign a paper copy of the form. Send the form to the appropriate address below.

**Method 3, Facsimile Submission**

Complete and sign a paper copy of the form. Fax the form to the appropriate Fax number below.

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**Transmit Divisions 1-7 submittals to the Eastern Regional Office of the Geotechnical Engineering Unit.**

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Email Addresses (send submittal form to both email addresses)

K. J. Kim: kkim@dot.state.nc.us

C. A. Kreider: ckreider@dot.state.nc.us

Mail Address:

Mr. K. J. Kim, Ph. D., P. E.  
Eastern Regional Geotechnical Manager  
North Carolina Department of Transportation  
Geotechnical Engineering Unit  
Eastern Regional Office  
1570 Mail Service Center  
Raleigh, NC 27699-1570

Street Address:

Mr. K. J. Kim, Ph. D., P. E.  
Eastern Regional Geotechnical Manager  
North Carolina Department of Transportation  
Geotechnical Engineering Unit  
Eastern Regional Office  
3301 Jones Sausage Road, Suite 100  
Garner, NC 27529

Fax Number: (919) 662 – 3095

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**Transmit Divisions 8-14 submittals to the Western Regional Office of the Geotechnical Engineering Unit.**

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Email Addresses (send submittal form to both email addresses)

J. L. Pilipchuk: jpilipchuk@dot.state.nc.us

J. D. Hardister: dhardister@dot.state.nc.us

Mail Address:

Mr. John Pilipchuk, L. G., P. E.  
Western Regional Geotechnical Manager  
North Carolina Department of Transportation  
Geotechnical Engineering Unit  
Western Regional Office  
5253 Z Max Boulevard  
Harrisburg, NC 28075

Street Address:

Mr. John Pilipchuk, L. G., P. E.  
Western Regional Geotechnical Manager  
North Carolina Department of Transportation  
Geotechnical Engineering Unit  
Western Regional Office  
5253 Z Max Boulevard  
Harrisburg, NC 28075

Fax Number: (704) 455 - 8912

**Contact the following for questions regarding submittal review status.**

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Eastern Regional Geotechnical Contact (Divisions 1-7):

K. J. Kim (919) 662 – 4710

Western Regional Geotechnical Contact (Divisions 8-14):

John Pilipchuk (704) 455 – 8902




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

January 24, 2006

MEMORANDUM TO: Prospective Bidders

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

SUBJECT: Erosion and Sediment Control/ Stormwater  
Certification Training

As you are aware, the Department has implemented the first phase of Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to outline the goals for the Department and identify Contractor and CEI personnel impacted. North Carolina State University's Department of Biological and Agricultural Engineering will administer the certification program. The certification includes classroom instruction and satisfactory completion of an examination. Candidates may waive the classroom instruction and attend the examination only.

Three (3) levels of certification are planned:

- Level I will target Installers/Inspectors involved with the installation and inspection of temporary and permanent erosion and sediment control/stormwater bid items. Candidates are: contractor's/subcontractor's installer on an Erosion Control/Stormwater BMP Installation Crew, Pipe Installation Crew within jurisdictional areas, or Seeding and Mulching Crew; and CEI TT's inspecting erosion control/stormwater bid items. One Level I installer for each crew will be required on all projects that have erosion control plans beginning in 2007. Level I certification training classes will be held in March and April 2006 at the Sediment and Erosion Control Research and Education Facility in Raleigh. **Early registration encouraged.**
- Level II will target CEI TT's serving as the chief or lead inspector on a project. Also, Level II will target contractor's/subcontractor's site manager for: grading operations; bridge/culvert operations over rivers/streams; and utility operations involving earth disturbance. One Level II site manager for each crew was required on all projects that have erosion control plans beginning with the January 17, 2006 letting. Although Level II has already been implemented, certification training will continue to be offered in early 2006 and then afterwards on an as needed basis. **Early registration encouraged.**

Prospective Bidders  
January 24, 2006  
Page 2

- Level III will target contractor's, CEI's, and PEF's who prepare or oversee the preparation of erosion and sediment control and stormwater pollution prevention plans and reclamation plans. The implementation date for Level III has not yet been determined.

To obtain detailed information regarding the certification program, review locations for Level I and II classes or registration, or view the project special provision included in contracts, please visit the certification website at:  
[www.bae.ncsu.edu/workshops/dot/index.html](http://www.bae.ncsu.edu/workshops/dot/index.html)

Those wishing to sponsor a certification training class and examination with 50 or more candidates can contact NCSU at the above website.

Questions not addressed on the website may be directed to Ted Sherrod of the Roadside Environmental Unit at [tsherrod@dot.state.nc.us](mailto:tsherrod@dot.state.nc.us) or by phone at (919) 733-2920.

RAG/TMS

cc: Steve DeWitt, P.E., Director of Construction  
Ellis Powell, P.E., State Construction Engineer  
Don Lee, CPESC, State Roadside Environmental Engineer



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

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON AUGUST 15, 2006**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

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.org/doh/construction/ps/contracts/letting.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., 27699-1509. 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, PROJECT SERVICES 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 JULY 18, 2006.**  
**BY ORDER OF THE DEPARTMENT OF TRANSPORTATION**  
**(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

## **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	Anthony W Roper, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	Cornelius E Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Jonathan G Nance, PE	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	Terry R Gibson, 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** L060815

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C201397	37460	HYDE	9.500 MI	WIDENING, MILLING, RESURFACING & GUARDRAIL.
002	C201501	33535.3.1	MARTIN	0.123 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C201449	34961.3.3	PITT	2.646 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & CULVERT.
004	C201624	35881 ETC.	COLUMBUS	1.530 MI	WIDENING, GRADING, DRAINAGE, PAVING, & CULVERT EXT.
005	C201257	33451.3.1	CUMBERLAND	0.218 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
006	C201632	38737.3.1	BUNCOMBE	4.400 MI	MILLING, RESURFACING OR HOT-IN-PLACE RECYCLING & PVT MKINGS.
007	C201443	33407.3.1	BURKE	0.129 MI	GRADING, DRAINAGE, PAVING, & CULVERT.
008	C201628	37301	BURKE	0.934 MI	WIDENING, GRADING, DRAINAGE, PAVING, AND CURB & GUTTER.

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060815 001

CONTRACT ID : C201397 37460

DIV OFFICE EDENTON

LENGTH = 9.500 MI

COUNTY : HYDE

WIDENING, MILLING, RESURFACING &amp; GUARDRAIL.

MBE GOAL 3.0% WBE 2.0% COMPLETION DATE : JUN 29 2007

2 SECTIONS OF NC-45.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
20	CY	BORROW EXCAVATION
950	TON	INCIDENTAL STONE BASE
19	SMI	SHOULDER RECONSTRUCTION
104,662	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
582	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
24,991	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,524	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
24	SY	6" CONCRETE DRIVEWAY
125,595	SY	GENERIC PAVING ITEM FLEXIBLE PAVEMENT RECLAMATION (8")
4	EA	W-TR STEEL BM GUARDRAIL TRAN- SITION SECTIONS
8	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, TEST LEVEL II)
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
100,320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
62,703	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
163,023	LF	PAINT PAVEMENT MARKING LINES (4")
630	EA	PERMANENT RAISED PAVEMENT MARKERS
18,000	LF	TEMPORARY SILT FENCE
50	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
10	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060815 002

CONTRACT ID : C201501 33535.3.1

DIV OFFICE EDENTON

LENGTH = 0.123 MI

COUNTY : MARTIN

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER SMITHWICK CREEK & APPROACHES ON SR-1523.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	8	EA	RESPONSE FOR EROSION CONTROL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+00.00)			
Lump Sum	LS	GRADING			***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	224	LF	15" RC PIPE CULVERTS, CLASS III
100	CY	UNDERCUT EXCAVATION			
8	CY	DRAINAGE DITCH EXCAVATION			*** OR ***
100	CY	SELECT GRANULAR MATERIAL	224	LF	***" HDPE PIPE CULVERTS (15")
100	SY	FABRIC FOR SOIL STABILIZATION			*** OR ***
31	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	224	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
60	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
329	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			*** END SCHEDULE AA ***
191	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
27	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
22.4	CY	SUBDRAIN EXCAVATION	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+00.00 -L-)
16.8	CY	SUBDRAIN FINE AGGREGATE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+00.00 -L-)
100	LF	6" PERFORATED SUBDRAIN PIPE	38.2	CY	CLASS A CONCRETE (BRIDGE)
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+00.00 -L-)
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	5,632	LB	REINFORCING STEEL (BRIDGE)
6	LF	6" OUTLET PIPE (SUBDRAINS)	80,925	LS	APPROX ..... LBS STRUCTURAL STEEL
0.4	CY	PIPE COLLARS	910	LF	HP12X53 STEEL PILES
3	EA	MASONRY DRAINAGE STRUCTURES	176.1	LF	VERTICAL CONCRETE BARRIER RAIL
1	EA	FRAME WITH TWO GRATES, STD 840.16	97	TON	RIP RAP CLASS II (2'-0" THICK)
2	EA	FRAME WITH TWO GRATES, STD 840.29	108	SY	FILTER FABRIC FOR DRAINAGE
82	LF	SHOULDER BERM GUTTER	Lump Sum	LS	ELASTOMERIC BEARINGS
450	LF	STEEL BM GUARDRAIL	Lump Sum	LS	EVAZOTE JOINT SEALS
5	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	GENERIC STRUCTURE ITEM GROUTING AND POST-TENSIONING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	2,951	SF	GENERIC STRUCTURE ITEM BRIDGE DECK GRINDING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	11	EA	GENERIC STRUCTURE ITEM FULL-WIDTH PRECAST CONCRETE DECK PANELS
6	TON	RIP RAP, CLASS B			
221	SY	FILTER FABRIC FOR DRAINAGE			
192	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
96	LF	BARRICADES (TYPE III)			
1	EA	RELOCATE FIRE HYDRANT			
800	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
90	TON	STONE FOR EROSION CONTROL, CLASS B			
45	TON	SEDIMENT CONTROL STONE			
1	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING			
60	LF	TEMPORARY SLOPE DRAINS			
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
350	LF	SAFETY FENCE			
150	CY	SILT EXCAVATION			
600	SY	MATting FOR EROSION CONTROL			
75	LF	1/4" HARDWARE CLOTH			
1	ACR	SEEDING & MULCHING			
0.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
0.75	TON	FERTILIZER TOPDRESSING			
2	HR	SPECIALIZED HAND MOWING			

STRUCTURE ITEMS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060815 003

CONTRACT ID : C201449 34961.3.3

DIV OFFICE GREENVILLE

LENGTH = 2.646 MI

COUNTY : PITT

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, &amp; CULVERT.

DBE GOAL 12.0% COMPLETION DATE : NOV 01 2008

SR-1708 (FIRE TOWER RD) FROM NC-11/903 TO EAST OF SR-1709 (COREY RD) IN GREENVILLE.

ROADWAY ITEMS					
			16	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
			5	CY	ENDWALLS
Lump Sum	LS	MOBILIZATION	13	CY	REINFORCED ENDWALLS
Lump Sum	LS	CONSTRUCTION SURVEYING	6	CY	PIPE COLLARS
Lump Sum	LS	GRADING	2	CY	PIPE PLUGS
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	265	EA	MASONRY DRAINAGE STRUCTURES
18,350	CY	UNDERCUT EXCAVATION	6	CY	MASONRY DRAINAGE STRUCTURES
675	TON	CLASS IV SUBGRADE STABILIZATION	38	LF	MASONRY DRAINAGE STRUCTURES
2,280	CY	DRAINAGE DITCH EXCAVATION	59	EA	FRAME WITH TWO GRATES, STD 840.16
180	LF	BERM DITCH CONSTRUCTION	2	EA	FRAME WITH TWO GRATES, STD 840.24
25,250	CY	SELECT GRANULAR MATERIAL	19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
24,900	SY	FABRIC FOR SOIL STABILIZATION	71	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
360	SF	TEMPORARY SHORING	78	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
2,290	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	37	EA	FRAME WITH COVER, STD 840.54
28	LF	*** SIDE DRAIN PIPE (30")	3	EA	CONCRETE APRON FOR CATCH BASIN
52	LF	15" SIDE DRAIN PIPE	13	EA	CONCRETE APRON FOR DROP INLETS
144	LF	18" SIDE DRAIN PIPE	382	SF	GENERIC GRADING ITEM (SF) TEMPORARY FABRIC WALL
136	LF	24" SIDE DRAIN PIPE	3,500	LF	1'-6" CONCRETE CURB & GUTTER
10,160	LF	15" RC PIPE CULVERTS, CLASS III	27,500	LF	2'-6" CONCRETE CURB & GUTTER
4,164	LF	18" RC PIPE CULVERTS, CLASS III	200	LF	CONCRETE VALLEY GUTTER
3,276	LF	24" RC PIPE CULVERTS, CLASS III	14,000	SY	4" CONCRETE SIDEWALK
1,104	LF	30" RC PIPE CULVERTS, CLASS III	730	SY	CONCRETE WHEELCHAIR RAMPS
652	LF	36" RC PIPE CULVERTS, CLASS III	2,000	SY	6" CONCRETE DRIVEWAY
72	LF	42" RC PIPE CULVERTS, CLASS III	10	SY	4" CONCRETE PAVED DITCH
8	LF	48" RC PIPE CULVERTS, CLASS III	1,900	SY	3" CONCRETE ISLAND COVERS
84	LF	60" RC PIPE CULVERTS, CLASS III	3,400	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
544	LF	15" CS PIPE CULVERTS, 0.064" THICK	60	EA	ADJUSTMENT OF MANHOLES
828	LF	18" CS PIPE CULVERTS, 0.064" THICK	140	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
204	LF	24" CS PIPE CULVERTS, 0.064" THICK	525	LF	STEEL BM GUARDRAIL
2	EA	*** SADDLE BRANCH CONNECTOR (18")	10	EA	ADDITIONAL GUARDRAIL POSTS
32	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	6	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
56	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	450	LF	REMOVE EXISTING GUARDRAIL
126	LF	*** X *** CAA STRUCTURAL PLATE PIPE ARCH, ***** THICK (137" x 85", 0.125")	30	TON	PLAIN RIP RAP, CLASS I
5,142	LF	PIPE REMOVAL	91	TON	PLAIN RIP RAP, CLASS B
500	TON	AGGREGATE BASE COURSE	2,810	SY	FILTER FABRIC FOR DRAINAGE
500	TON	INCIDENTAL STONE BASE	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
3,500	SY	INCIDENTAL MILLING	927	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
25,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	3	EA	SIGN ERECTION, TYPE D
26,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	73	EA	SIGN ERECTION, TYPE E
23,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	5	EA	SIGN ERECTION, TYPE F
3,743	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	EA	RELOCATE SIGN, TYPE ***** (E)
1,020	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	41	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
450	CY	SUBDRAIN EXCAVATION	2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
340	CY	SUBDRAIN FINE AGGREGATE	1,100	SF	WORK ZONE SIGNS (STATIONARY)
2,000	LF	6" PERFORATED SUBDRAIN PIPE	240	SF	WORK ZONE SIGNS (PORTABLE)
60	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	354	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
24	LF	6" OUTLET PIPE (SUBDRAINS)	2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	4	EA	CHANGEABLE MESSAGE SIGN
			6	EA	WARNING FLAG SETS
			900	EA	DRUMS
			200	EA	CONES
			360	LF	BARRICADES (TYPE III)
			6,720	HR	FLAGGER
			2	EA	TEMPORARY CRASH CUSHIONS
			2	EA	RESET TEMPORARY CRASH CUSHIONS
			2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
			200	LF	PORTABLE CONCRETE BARRIER

			2	EA	***X*** TAPPING SADDLE (2" X 1")
			12	EA	***X*** TAPPING SADDLE (6" X 1")
			1	EA	***X*** TAPPING SADDLE (8" X 1")
200	LF	RESET PORTABLE CONCRETE BARRIER	2	EA	12" TRANSITION COUPLING, ***** (PVC TO AC)
1,412	LF	WATER FILLED BARRIER	1	EA	FIRE HYDRANT, *****# WP (150#)
643	LF	RESET WATER FILLED BARRIER	15	EA	RELOCATE EXISTING FIRE HYDRANT
720	HR	POLICE	50	LF	*** PVC FORCE MAIN SEWER PIPE, ***** (4", SDR 21, 200# WP)
1,489	EA	TEMPORARY RAISED PAVEMENT MARKERS	2,851	LF	*** PVC FORCE MAIN SEWER PIPE, ***** (8", SDR 21, 200# WP)
4,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	336	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (12", AC)
36,127	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	7	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
671	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	120	LF	*** STEEL ENCASEMENT PIPE, ***** THICK, BY BORING & JACKING (16", 0.250")
3,122	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	150	LF	*** STEEL ENCASEMENT PIPE, ***** THICK, BY BORING & JACKING (16", 0.281")
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)	180	LF	12-3/4" STEEL ENCASEMENT PIPE, ***** THICK, BY BORING & JACKING (0.188")
1,375	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	150	LF	18" STEEL ENCASEMENT PIPE, ***** THICK, BY BORING & JACKING (0.312")
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	184	LF	24" STEEL ENCASEMENT PIPE, ***** THICK, BY BORING & JACKING (0.250")
195	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	150	LF	24" STEEL ENCASEMENT PIPE, ***** THICK, BY BORING & JACKING (0.375")
224,727	LF	PAINT PAVEMENT MARKING LINES (4")	2	EA	GENERIC UTILITY ITEM 12" INSERTING GATE VALVE & VALVE BOX, 200# WP (WATER)
1,378	LF	PAINT PAVEMENT MARKING LINES (8")	14	EA	GENERIC UTILITY ITEM 12" RESTRAINED RETAINER GLAND 200# WP
1,600	LF	PAINT PAVEMENT MARKING LINES (12")	2	EA	GENERIC UTILITY ITEM 12" X 12" DI LOCKING TEE
344	LF	PAINT PAVEMENT MARKING LINES (16")	25	EA	GENERIC UTILITY ITEM 12" X 6" DI LOCKING TEE
2,836	LF	PAINT PAVEMENT MARKING LINES (24")	7	EA	GENERIC UTILITY ITEM 12" X 8" DI LOCKING TEE
14	EA	PAINT PAVEMENT MARKING CHARACTER	5	EA	GENERIC UTILITY ITEM 2" BALL VALVE
232	EA	PAINT PAVEMENT MARKING SYMBOL	1	EA	GENERIC UTILITY ITEM 4" INSERTING GATE VALVE & VALVE BOX, 200# WP (SEWER)
52,324	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1	EA	GENERIC UTILITY ITEM 6" INSERTING GATE VALVE & VALVE BOX, 200# WP (WATER)
827	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	8	EA	GENERIC UTILITY ITEM 6" RESTRAINED RETAINER GLAND 200# WP
261	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	1	EA	GENERIC UTILITY ITEM 6" X 4" DI LOCKING TEE
130	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	11	EA	GENERIC UTILITY ITEM 6" X 6" DI LOCKING TEE
1,532	EA	SNOWPLOWABLE PAVEMENT MARKERS	14	EA	GENERIC UTILITY ITEM 8" RESTRAINED RETAINER GLAND 200# WP
1,300	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	2	EA	GENERIC UTILITY ITEM 8" SEWER LINE GATE VALVE AND VALVE BOX, 200# WP
1,300	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	3	EA	GENERIC UTILITY ITEM BREAKDOWN REBUILD & ROTATE TOP FOR EXISTING MANHOLE
282	TON	PAVEMENT REPAIR FOR UTILITY WORK	2	EA	GENERIC UTILITY ITEM BREAKDOWN REBUILD & ROTATE TOP FOR EXISTING MANHOLE (CONCENTRIC TOP)
1,534	LF	1" COPPER WATER PIPE, TYPE K	15	EA	GENERIC UTILITY ITEM RELOCATE 4" SANITARY SEWER CLEANOUT
297	LF	2" PVC WATER PIPE, SDR ***** (21, 200# WP)	5	EA	GENERIC UTILITY ITEM RELOCATE 6" SANITARY SEWER CLEANOUT
49	LF	4" PVC WATER PIPE, SDR ***** (21, 200# WP)	12	EA	GENERIC UTILITY ITEM RELOCATE EXISTING RPZ BACKFLOW PREVENTION SYSTEM
1,722	LF	6" PVC WATER PIPE, SDR ***** (21, 200# WP)	47	EA	GENERIC UTILITY ITEM RELOCATE EXISTING WATER METER
364	LF	12" PVC WATER PIPE, SDR ***** (21, 200# WP)			
12,447	LF	*** PVC WATER PIPE, (C900), DR ** *****WP (12", 18, 150#)			
511	LF	8" PVC WATER PIPE, (C900), DR ** *****WP (18, 150#)			
4,847	LF	*** PVC WATER PIPE, (C-900), DR ****, *****WP (6", 14, 200#)			
765	LF	*** PVC WATER PIPE, (C-900), DR ****, *****WP (6", 18, 150#)			
109	LF	*** PE WATER TUBING, SDR 9, *****WP (1", 200#)			
52	EA	1" CORPORATION STOP			
1	EA	*** GATE VALVE & VALVE BOX, *****WP (4", 200#)			
42	EA	6" GATE VALVE & VALVE BOX, 200# WP			
8	EA	8" GATE VALVE & VALVE BOX, *****WP (200#)			
19	EA	12" GATE VALVE & VALVE BOX, *****WP (200#)			
37	EA	***X*** TAPPING SADDLE (12" X 1")			
5	EA	***X*** TAPPING SADDLE (12" X 2")			



			2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
			20	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
1	EA	GENERIC UTILITY ITEM RELOCATE EXISTING WATER METER WITH NEW VAULT			
4	EA	GENERIC UTILITY ITEM ROTATE TOP FOR EXISTING MAN-HOLE			
3	EA	GENERIC UTILITY ITEM ROTATE TOP FOR EXISTING MAN-HOLE (CONCENTRIC TOP)			
300	LF	GENERIC UTILITY ITEM 10" HDPE FORCE MAIN SEWER PIPE SDR 9, 200# WP BY DIRECTIONAL BORE			
20	LF	GENERIC UTILITY ITEM 12" DI WATER PIPE, PC 350			
600	LF	GENERIC UTILITY ITEM 14" HDPE WATER PIPE, SDR 9, 200# WP BY DIRECTIONAL BORE			
1,000	LF	GENERIC UTILITY ITEM 4" PVC SEWER PIPE, SCH 40			
400	LF	GENERIC UTILITY ITEM 6" PVC SEWER PIPE, SCH 40			
100	LF	GENERIC UTILITY ITEM 8" DI FORCE MAIN SEWER PIPE, PC 350			
250	LF	GENERIC UTILITY ITEM 8" HDPE WATER PIPE, SDR 9, 200# WP BY DIRECTIONAL BORE			
140	LF	GENERIC UTILITY ITEM CEMENT GROUT FOR FILLING 4" PVC ABANDONED PIPE & ENCASEMENT			
140	LF	GENERIC UTILITY ITEM CEMENT GROUT FOR FILLING 6" PVC ABANDONED PIPE & ENCASEMENT			
140	LF	GENERIC UTILITY ITEM CEMENT GROUT FOR FILLING 8" PVC ABANDONED PIPE & ENCASEMENT			
6,500	LB	GENERIC UTILITY ITEM DUCTILE IRON SEWER PIPE FITTINGS, 250# MIN WP			
10,325	LB	GENERIC UTILITY ITEM DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP			
Lump Sum	LS	GENERIC UTILITY ITEM INSTALL 4" MDPE GAS MAIN			
16,600	LF	TEMPORARY SILT FENCE			
790	TON	STONE FOR EROSION CONTROL, CLASS A			
1,220	TON	STONE FOR EROSION CONTROL, CLASS B			
1,575	TON	SEDIMENT CONTROL STONE			
35	ACR	TEMPORARY MULCHING			
1,250	LB	SEED FOR TEMPORARY SEEDING			
5	TON	FERTILIZER FOR TEMPORARY SEEDING			
230	LF	TEMPORARY SLOPE DRAINS			
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
750	LF	SAFETY FENCE			
3,340	CY	SILT EXCAVATION			
2,900	SY	MATTING FOR EROSION CONTROL			
250	SY	COIR FIBER MAT			
4,000	SY	PERMANENT SOIL REINFORCEMENT MAT			
6,000	LF	1/4" HARDWARE CLOTH			
455	LF	*** TEMPORARY PIPE (18")			
4	EA	SPECIAL STILLING BASINS			
35	ACR	SEEDING & MULCHING			
21	ACR	MOWING			
300	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			
850	LB	SEED FOR SUPPLEMENTAL SEEDING			
27	TON	FERTILIZER TOPDRESSING			
275	LF	IMPERVIOUS DIKE			
2	HR	SPECIALIZED HAND MOWING			
0.2	ACR	REFORESTATION			
0.2	ACR	STREAMBANK REFORESTATION			
8	EA	GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER (2")			
3	EA	GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER (2-1/2")			
36	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL			
38	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION W/COUNTDOWN)			
16,751	LF	SIGNAL CABLE			
73	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
			12	EA	BACKPLATE
			14,300	LF	MESSENGER CABLE (1/4")
			1,648	LF	MESSENGER CABLE (3/8")
			150	LF	JACK & BORE
			825	LF	TRACER WIRE
			460	LF	TRENCHING (PAVED)
			9,252	LF	TRENCHING (UNPAVED)
			495	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 1)
			1,465	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)
			58	EA	JUNCTION BOX (STANDARD SIZE)
			11	EA	JUNCTION BOX (OVER-SIZED)
			12	EA	WOOD POLE
			24	EA	GUY ASSEMBLY
			3	EA	1" RISER WITH WEATHERHEAD
			15	EA	2" RISER WITH WEATHERHEAD
			8	EA	2" RISER WITH HEAT SHRINK TUBING
			12,326	LF	INDUCTIVE LOOP SAWCUT
			24,971	LF	LEAD-IN CABLE
			18,095	LF	COMMUNICATIONS CABLE (**FIBER) (12)
			6	EA	INTERCONNECT CENTER
			7	EA	FIBER-OPTIC TRANSCEIVER
			11	EA	DELINEATOR MARKER
			1	EA	FURNISH FIBER-OPTIC RESTORATION KIT
			1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
			22	EA	SOIL TEST
			5	EA	SIGNAL PEDESTAL WITH FOUNDATION
			11	EA	SIGN FOR SIGNALS
			6	EA	SIGNAL CABINET FOUNDATION
			6	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)
			44	EA	DETECTOR CARD (NEMA TS-2)
			1	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
			1	EA	GENERIC SIGNAL ITEM FIBER OPTIC VIDEO/DATA RECEIVER
			1	EA	GENERIC SIGNAL ITEM FIBER OPTIC VIDEO/DATA TRANSMITTER
			23	EA	GENERIC SIGNAL ITEM LUMINAIRE MAST ARM
			22	EA	GENERIC SIGNAL ITEM MAST ARM WITH METAL POLE DESIGN
			21	EA	GENERIC SIGNAL ITEM METAL POLE W/ SINGLE MAST ARM
			1	EA	GENERIC SIGNAL ITEM METAL POLE WITH DUAL MAST ARM
			165	LF	GENERIC SIGNAL ITEM UNDERGROUND POLETHYLENE CONDUIT, (2", 1)
			188	CY	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION
					<b>CULVERT ITEMS</b>
			Lump Sum	LS	PRECAST REINFORCED CONC BOX CULVERT AT STA ***** (33+52.00 -L-)
			Lump Sum	LS	CULVERT EXCAVATION, STA ***** (33+52.00 -L-)
			112	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
			56	TON	PLAIN RIP RAP, CLASS ** (1)
			63	SY	FILTER FABRIC FOR DRAINAGE
					<b>WALL ITEMS</b>
			Lump Sum	LS	GENERIC RETAINING WALL ITEM MODULAR BLOCK RETAINING WALL AT STA 143+00.00 -WALL 2-
			Lump Sum	LS	GENERIC RETAINING WALL ITEM VIBRATION MONITORING

2,007 SF GENERIC RETAINING WALL ITEM  
PILE / PANEL RETAINING WALL  
AT STA 110+43.50 -WALL 1-

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060815 004

CONTRACT ID : C201624 35881

DIV OFFICE FAYETTEVILLE

LENGTH = 1.530 MI

COUNTY : COLUMBUS

WIDENING, GRADING, DRAINAGE, PAVING, & CULVERT EXT.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : AUG 24 2007

NC-130 FROM SR-1435 TO SECC, AND SR-1552 (SMYRNA RD) AT US-701 BYPASS.

Lump Sum		ROADWAY ITEMS				
	LS	MOBILIZATION		2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
	LS	GRADING		1,663	LF	MESSENGER CABLE (1/4")
	CY	UNDERCUT EXCAVATION		360	LF	MESSENGER CABLE (3/8")
1,000	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		150	LF	TRACER WIRE
105	LF	PIPE REMOVAL		90	LF	PAVED TRENCHING (*****) (1, 2")
538	TON	INCIDENTAL STONE BASE		825	LF	UNPAVED TRENCHING (*****) (1, 2")
170	SY	INCIDENTAL MILLING		150	LF	DIRECTIONAL DRILL (*****) (1, 2")
2,970	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		7	EA	JUNCTION BOX (STANDARD SIZE)
4,450	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
3,390	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		4	EA	WOOD POLE
4,860	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		15	EA	GUY ASSEMBLY
642	CY	PIPE COLLARS		2	EA	1" RISER WITH WEATHERHEAD
1.75	LF	***X*** CONCRETE CURB (8" X 12")		3	EA	2" RISER WITH WEATHERHEAD
344	SY	6" CONCRETE DRIVEWAY		2	EA	2" RISER WITH HEAT SHRINK TUBING
65	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)		550	LF	INDUCTIVE LOOP SAWCUT
125	EA	ADJUSTMENT OF MANHOLES		1,420	LF	LEAD-IN CABLE (*****) (18-2)
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		2,313	LF	COMMUNICATIONS CABLE (**FIBER) (12)
3	EA	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)		2	EA	INTERCONNECT CENTER
15,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)		1	EA	DELINEATOR MARKER
19,815	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)		1	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
335	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)		1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
275	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)		7	EA	DETECTOR CARD (TYPE 2070L)
50	EA	PERMANENT RAISED PAVEMENT MARKERS		1	EA	CABINET BASE EXTENDER
363	LF	6" WATER LINE		Lump Sum	LS	CULVERT EXCAVATION, STA ***** (32+29.90 -L-REV )
15	EA	6" VALVE		12	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1	EA	RELOCATE FIRE HYDRANT		331.9	CY	CLASS A CONCRETE (CULVERT)
1	EA	GENERIC UTILITY ITEM BREAKDOWN & REBUILD EXT MANHOLE		3,262	LB	REINFORCING STEEL (CULVERT)
2	EA	GENERIC UTILITY ITEM 12" DI SEWER PIPE, CLASS 52		45	TON	RIP RAP, CLASS ** (I)
20	LF	TEMPORARY SILT FENCE		225	SY	FILTER FABRIC FOR DRAINAGE
125	TON	STONE FOR EROSION CONTROL, CLASS A		2	EA	GENERIC STRUCTURE ITEM 16" STEEL PIPE SLEEVE
75	TON	STONE FOR EROSION CONTROL, CLASS B				***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
800	TON	SEDIMENT CONTROL STONE		108	LF	15" RC PIPE CULVERTS, CLASS III
215	ACR	TEMPORARY MULCHING		466	LF	18" RC PIPE CULVERTS, CLASS III
9	LB	SEED FOR TEMPORARY SEEDING		248	LF	24" RC PIPE CULVERTS, CLASS III
350	TON	FERTILIZER FOR TEMPORARY SEEDING				*** OR ***
1.25	LF	TEMPORARY SLOPE DRAINS		156	LF	24" RC PIPE CULVERTS, CLASS III
50	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS		108	LF	***" HDPE PIPE CULVERTS (15")
2	CY	SILT EXCAVATION		466	LF	***" HDPE PIPE CULVERTS (18")
785	SY	MATTING FOR EROSION CONTROL		92	LF	***" HDPE PIPE CULVERTS (24")
5,600	LF	1/4" HARDWARE CLOTH				*** OR ***
20	LF	*** TEMPORARY PIPE (18")		156	LF	24" RC PIPE CULVERTS, CLASS III
10	CY	STILLING BASINS		108	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15")
18	ACR	SEEDING & MULCHING		466	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18")
8.75	ACR	MOWING				
5.5	LB	SEED FOR REPAIR SEEDING				
110	TON	FERTILIZER FOR REPAIR SEEDING				
0.3	LB	SEED FOR SUPPLEMENTAL SEEDING				
225	TON	FERTILIZER TOPDRESSING				
6.25	LF	IMPERVIOUS DIKE				
10	HR	SPECIALIZED HAND MOWING				
1	EA	RESPONSE FOR EROSION CONTROL				
8	LF	SIGNAL CABLE				
550	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)				

92 LF \*\*\*\* ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, \*\*\*\*  
THICK  
(24")

\*\*\* END SCHEDULE AA \*\*\*

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060815 005

CONTRACT ID : C201257 33451.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.218 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER GUM LOG CREEK & APPROACHES ON SR-1728.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+59.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
100	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
15	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	LF	24" SIDE DRAIN PIPE
32	LF	15" RC PIPE CULVERTS, CLASS III
24	LF	18" RC PIPE CULVERTS, CLASS III
20	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
100	TON	INCIDENTAL STONE BASE
1,200	SY	INCIDENTAL MILLING
680	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
700	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
76	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
56	CY	SUBDRAIN EXCAVATION
42	CY	SUBDRAIN FINE AGGREGATE
250	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
0.9	CY	PIPE COLLARS
0.09	CY	PIPE PLUGS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH GRATE, STD 840.29
487.5	LF	STEEL BM GUARDRAIL
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
3	TON	PLAIN RIP RAP, CLASS B
245	SY	FILTER FABRIC FOR DRAINAGE
31.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
7.188	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
71	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, TYPE F
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
431	SF	WORK ZONE SIGNS (STATIONARY)
57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	WARNING FLAG SETS
20	EA	DRUMS
48	LF	BARRICADES (TYPE III)
50	MD	FLAGGER
11,623	LF	PAINT PAVEMENT MARKING LINES (4")
32	LF	PAINT PAVEMENT MARKING LINES (24")

20	EA	PERMANENT RAISED PAVEMENT MARKERS
22	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
22	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
204	LF	12" DI WATER PIPE, PC 350
38	LF	*** PE WATER PIPE, SDR *****, *****#WP (3/4", SDR 7, 200#)
1,510	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
2	EA	RELOCATE EXISTING WATER METER
204	LF	FILL OR REMOVE ABANDONED 12" PIPE, ***** (PVC WATER)
1,100	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
115	TON	STONE FOR EROSION CONTROL, CLASS B
45	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
1,100	SY	MATTING FOR EROSION CONTROL
60	LF	1/4" HARDWARE CLOTH
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
2.5	HR	SPECIALIZED HAND MOWING
8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+59.50 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+59.50 -L-)
4,599	SF	GROOVING BRIDGE FLOORS
45.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+59.50 -L-)
7,568	LB	REINFORCING STEEL (BRIDGE)
735	LF	HP12X53 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (15+59.50 -L-)
245.5	LF	CONCRETE BARRIER RAIL
185	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
206	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,347.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM DEBRIS REMOVAL
3,670	SF	GENERIC STRUCTURE ITEM CONCRETE WEARING SURFACE
1,000	DOL	CONTRACT TIME

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060815 006

CONTRACT ID : C201632 38737.3.1

DIV OFFICE ASHEVILLE

LENGTH = 4.400 MI

COUNTY : BUNCOMBE

MILLING, RESURFACING OR HOT-IN-PLACE RECYCLING &amp; PVT MKINGS.

DBE GOAL 4.0% COMPLETION DATE : JUN 15 2007

I-40 EASTBOUND AND WESTBOUND FROM MP-55 TO MP-59.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
92,928	LF	MILLED RUMBLE STRIPS
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
92,928	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
11,616	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
3,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
209,088	LF	PAINT PAVEMENT MARKING LINES (6")
7,200	LF	PAINT PAVEMENT MARKING LINES (12")
92,928	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMO PAVEMENT MARKING LINES (6", 40 MILS)
756	EA	SNOWPLOWABLE PAVEMENT MARKERS
		***** BEGIN SCHEDULE AA *****
		***** (2 ALTERNATES) *****
6,806	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
154	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
12,390	GAL	EMULSIFIED ASPHALT REJUVENATING AGENT
2,816	TON	HOT MIX ASPHALT ADMIXTURE
123,904	SY	GENERIC PAVING ITEM HOT-IN-PLACE RECYCLED ASPHALT CONCRETE, TYPE S12.5C
		*** OR ***
130,710	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
15,519	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
854	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
		*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060815 007

CONTRACT ID : C201443 33407.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.129 MI

COUNTY : BURKE

GRADING, DRAINAGE, PAVING, & CULVERT.

DBE GOAL 6.0% COMPLETION DATE : AUG 15 2007

CULVERT ON CANOE CREEK AND APPROACHES ON SR-1244.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
100	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
500	TON	CLASS IV SUBGRADE STABILIZATION
1,875	CY	BORROW EXCAVATION
595	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
300	SF	TEMPORARY SHORING
2	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
20	LF	15" SIDE DRAIN PIPE
24	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
520	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
280	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
41	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
12	EA	RIGHT OF WAY MARKERS
225	CY	SUBDRAIN EXCAVATION
170	CY	SUBDRAIN FINE AGGREGATE
1,000	LF	6" PERFORATED SUBDRAIN PIPE
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
150	CY	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL
600	SY	FABRIC FOR TEMPORARY FABRIC WALL
650	LF	STEEL BM GUARDRAIL
37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (RETROFIT)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
25	LF	TEMPORARY STEEL BM GUARDRAIL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
200	TON	PLAIN RIP RAP, CLASS I
2	TON	PLAIN RIP RAP, CLASS B
675	SY	FILTER FABRIC FOR DRAINAGE
12.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
27	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
114	SF	WORK ZONE SIGNS (STATIONARY)
154	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
20	EA	CONES
48	LF	BARRICADES (TYPE III)
2,160	HR	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
110	LF	PORTABLE CONCRETE BARRIER
18	EA	TEMPORARY RAISED PAVEMENT MARKERS
12,162	LF	PAINT PAVEMENT MARKING LINES (4")
88	LF	PAINT PAVEMENT MARKING LINES (24")

200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
665	LF	TEMPORARY SILT FENCE
115	TON	STONE FOR EROSION CONTROL, CLASS A
135	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	SAFETY FENCE
235	CY	SILT EXCAVATION
775	SY	MATTING FOR EROSION CONTROL
140	CY	STILLING BASINS
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
745	LF	IMPERVIOUS DIKE
2	HR	SPECIALIZED HAND MOWING
196	CY	CULVERT DIVERSION CHANNEL
8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+79.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (12+79.00 -L-)
156	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
236.8	CY	CLASS A CONCRETE (CULVERT)
46,557	LB	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060815 008

CONTRACT ID : C201628 37301

DIV OFFICE ASHEVILLE

LENGTH = 0.934 MI

COUNTY : BURKE

WIDENING, GRADING, DRAINAGE, PAVING, AND CURB & GUTTER.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : NOV 15 2007

SR-1419 (BOST RD) FROM NC-181 INTERSECTION TO NORTH OF SR-1421 (LOST CORNER RD).

		ROADWAY ITEMS			
			12.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
			5	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			40	TON	RIP RAP, CLASS I
			410	TON	RIP RAP, CLASS B
			1,100	SY	FILTER FABRIC FOR DRAINAGE
			130	SF	WORK ZONE SIGNS (STATIONARY)
			208	SF	WORK ZONE SIGNS (PORTABLE)
			149	EA	DRUMS
			60	EA	CONES
			1,600	HR	FLAGGER
			45	EA	TEMPORARY RAISED PAVEMENT MARKERS
			850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			12,763	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			21	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			29,740	LF	PAINT PAVEMENT MARKING LINES (4")
			217	EA	SNOWFLOWABLE PAVEMENT MARKERS
			2	EA	RELOCATE FIRE HYDRANT
			2,200	LF	TEMPORARY SILT FENCE
			90	TON	STONE FOR EROSION CONTROL, CLASS A
			585	TON	STONE FOR EROSION CONTROL, CLASS B
			465	TON	SEDIMENT CONTROL STONE
			4	ACR	TEMPORARY MULCHING
			150	LB	SEED FOR TEMPORARY SEEDING
			0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			45	LF	TEMPORARY SLOPE DRAINS
			1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			300	LF	SAFETY FENCE
			915	CY	SILT EXCAVATION
			3,000	SY	MATTING FOR EROSION CONTROL
			1,260	LF	1/4" HARDWARE CLOTH
			4	ACR	SEEDING & MULCHING
			2.5	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			100	LB	SEED FOR SUPPLEMENTAL SEEDING
			3	TON	FERTILIZER TOPDRESSING
			205	LF	IMPERVIOUS DIKE
			2	HR	SPECIALIZED HAND MOWING
			4	EA	RESPONSE FOR EROSION CONTROL
			3	EA	GENERIC EROSION CONTROL ITEM SPECIAL STILLING BASINS
					***** BEGIN SCHEDULE AA *****
					***** (3 ALTERNATES) *****
			1,184	LF	15" RC PIPE CULVERTS, CLASS III
			644	LF	18" RC PIPE CULVERTS, CLASS III
			2,116	LF	24" RC PIPE CULVERTS, CLASS III
			2,124	LF	30" RC PIPE CULVERTS, CLASS III
					*** OR ***
			928	LF	15" RC PIPE CULVERTS, CLASS III
			248	LF	18" RC PIPE CULVERTS, CLASS III
			2,100	LF	24" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
0.1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
1,075	CY	UNCLASSIFIED EXCAVATION			
3,500	CY	UNDERCUT EXCAVATION			
11,750	CY	BORROW EXCAVATION			
675	CY	DRAINAGE DITCH EXCAVATION			
180	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
1,050	CY	SELECT GRANULAR MATERIAL			
2,350	SY	FABRIC FOR SOIL STABILIZATION			
710	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
2	EA	*** X *** X *** RC PIPE TEES, CLASS III (15" X 15" X 15")			
152	LF	**** X **** BIT COAT CS PIPE ARCH CULVERTS, TYPE A ***** THICK (87" X 63", 0.109")			
1,400	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
350	TON	INCIDENTAL STONE BASE			
4,550	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
5,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
3,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
675	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
260	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
25	EA	RIGHT OF WAY MARKERS			
8	CY	SUBDRAIN EXCAVATION			
8	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)			
6	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
19.4	CY	REINFORCED ENDWALLS			
30	CY	FLOWABLE FILL			
55	EA	MASONRY DRAINAGE STRUCTURES			
0.85	LF	MASONRY DRAINAGE STRUCTURES			
13	EA	FRAME WITH TWO GRATES, STD 840.16			
3	EA	FRAME WITH TWO GRATES, STD 840.24			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
3	EA	FRAME WITH COVER, STD 840.54			
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
8,800	LF	2'-6" CONCRETE CURB & GUTTER			
2,550	SY	4" CONCRETE SIDEWALK			
7	EA	CONCRETE WHEELCHAIR RAMPS			
360	SY	6" CONCRETE DRIVEWAY			
4	SY	3" CONCRETE ISLAND COVERS			
7	EA	ADJUSTMENT OF MANHOLES			
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
662.5	LF	STEEL BM GUARDRAIL			



1,748	LF	30" RC PIPE CULVERTS, CLASS III
256	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***" THICK (15", 0.064")
396	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***" THICK (18", 0.064")
16	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***" THICK (24", 0.064")
376	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***" THICK (30", 0.079")
		*** OR ***
928	LF	15" RC PIPE CULVERTS, CLASS III
248	LF	18" RC PIPE CULVERTS, CLASS III
2,100	LF	24" RC PIPE CULVERTS, CLASS III
1,748	LF	30" RC PIPE CULVERTS, CLASS III
256	LF	***" HDPE PIPE CULVERTS (15")
396	LF	***" HDPE PIPE CULVERTS (18")
16	LF	***" HDPE PIPE CULVERTS (24")
376	LF	***" HDPE PIPE CULVERTS (30")

\*\*\* END SCHEDULE AA \*\*\*