




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

August 22, 2006

NOTICE TO: All Invitation to Bid Recipients  
FROM: R. A. Garris, P.E.   
Contract Officer  
SUBJECT: Release of Bid Tabulation Prior to Project Award

At the request of the Associated General Contractors (AGC) the Department will no longer post on the internet or make printed distribution of bid tabulations until after a project is awarded.

The AGC's request is a result of their concern about release of unit prices on projects in which bids are rejected and the disadvantage that could be created when the project is re-advertised.

Therefore, beginning with the August 15, 2006 Highway letting bid tabulations will not be posted on the internet or an external distribution made until after the project has been awarded. Projects that are rejected will not be part of the information posted or distributed.

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




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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

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- 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 OCTOBER 17, 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 SEPTEMBER 19, 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	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	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	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** L061017

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C201647	2CR.10251.4	CRAVEN	16.000 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
002	C201260	39318.3.1	PITT	12.000 MI	WIDENING, GRADING, DRAINAGE, MILLING & RESURFACING.
003	C201648	2CR.10741.4	PITT	3.100 MI	MILLING, SHLDR RECONSTRUCTION, RESURFACING & PAVEMENT MRKGS.
004	C201654	34961.3.3	PITT	2.646 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & CULVERT.
005	C201653	3CR.10101.32	ETC BRUNSWICK	14.340 MI	SHOULDER RECONSTRUCTION, RESURFACING & PAVEMENT MARKINGS.
006	C201190	35600.3.1	EDGECOMBE	1.900 MI	CLEARING & GRUBBING, GRADING, DRAINAGE, PAVING & SIGNALS.
007	C201652	7CR.10411.16	ETC GUILFORD	13.444 MI	MILLING, SHOULDER RECONSTRUCTION, RESURFACING & PVMT MRKGS.
008	C201065	34355.3.12	STANLY	8.900 KM	GRADING, DRAINAGE, PAVING, SIGNALS & CULVERTS.
009	C201646	37687	UNION	4.390 MI	WIDENING, GRADING, DRAINAGE, MILLING, RESURFACING & PVT MKG

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L061017 001

CONTRACT ID : C201647 2CR.10251.4

DIV OFFICE GREENVILLE

LENGTH = 16.000 MI

COUNTY : CRAVEN

MILLING, RESURFACING &amp; PAVEMENT MARKINGS.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : DEC 01 2007

US-70 FROM JAMES CITY TO HAVELOCK.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
21,134	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
3,322	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
57,220	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
156	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3,434	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
380,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
50,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
48	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
486	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
19,000	LF	PAINT PAVEMENT MARKING LINES (6")
24	EA	PAINT PAVEMENT MARKING SYMBOL
2,280	EA	SNOWPLOWABLE PAVEMENT MARKERS



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L061017 002

CONTRACT ID : C201260 39318.3.1

DIV OFFICE GREENVILLE

LENGTH = 12.000 MI

COUNTY : PITT

WIDENING, GRADING, DRAINAGE, MILLING &amp; RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 15 2007

NC-43 FROM PALADIN DRIVE TO THE EDGEcombe COUNTY LINE.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
51	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
300	LF	15" SIDE DRAIN PIPE
414	LF	PIPE REMOVAL
22.4	SMI	SHOULDER RECONSTRUCTION
2,667	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
1,200	SY	INCIDENTAL MILLING
8,231	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
28,330	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
18,798	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,812	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
695	TON	PATCHING EXISTING PAVEMENT
1	CY	PIPE COLLARS
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
55	EA	DRUMS
131,816	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
111,266	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
29	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
98,580	LF	PAINT PAVEMENT MARKING LINES (4")
1,200	LF	PAINT PAVEMENT MARKING LINES (8")
32	EA	PAINT PAVEMENT MARKING CHARAC- TER
29	EA	PAINT PAVEMENT MARKING SYMBOL
1,130	EA	SNOWFLOWABLE PAVEMENT MARKERS
60	TON	STONE FOR EROSION CONTROL, CLASS B
37.8	ACR	SEEDING & MULCHING
		***** BEGIN SCHEDULE AA ***** ***** ( 3 ALTERNATES ) *****
40	LF	15" RC PIPE CULVERTS, CLASS III
132	LF	24" RC PIPE CULVERTS, CLASS III
		*** OR ***
128	LF	24" RC PIPE CULVERTS, CLASS III
40	LF	****" HDPE PIPE CULVERTS (15")
4	LF	****" HDPE PIPE CULVERTS (24")
		*** OR ***
128	LF	24" RC PIPE CULVERTS, CLASS III
40	LF	****" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (15", 0.064")
4	LF	****" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (24", 0.064")

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

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L061017 003

CONTRACT ID : C201648 2CR.10741.4

DIV OFFICE GREENVILLE

LENGTH = 3.100 MI

COUNTY : PITT

MILLING, SHLDR RECONSTRUCTION, RESURFACING &amp; PAVEMENT MRKGS.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : AUG 01 2007

NC-11 FROM GREENVILLE BLVD TO NC-903.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4	SMI	SHOULDER RECONSTRUCTION
95,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
15,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
16,942	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
705	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,017	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
300	TON	PATCHING EXISTING PAVEMENT (FULL DEPTH)
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGN
1	EA	TMIA
45,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
14,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
207	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
11,000	LF	PAINT PAVEMENT MARKING LINES (4")
1,000	LF	PAINT PAVEMENT MARKING LINES (24")
2	ACR	SEEDING & MULCHING
6,600	LF	INDUCTIVE LOOP SAWCUT

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

L061017 004

CONTRACT ID : C201654 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 : SEP 01 2009

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	13	CY	REINFORCED ENDWALLS	
Lump Sum	LS	6	CY	PIPE COLLARS	
18,350	CY	2	CY	PIPE PLUGS	
Lump Sum	LS	265	EA	MASONRY DRAINAGE STRUCTURES	
		6	CY	MASONRY DRAINAGE STRUCTURES	
		38	LF	MASONRY DRAINAGE STRUCTURES	
		59	EA	FRAME WITH TWO GRATES, STD 840.16	
675	TON	2	EA	FRAME WITH TWO GRATES, STD 840.24	
2,280	CY	19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	
180	LF	71	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
25,250	CY	78	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	
24,900	SY	37	EA	FRAME WITH COVER, STD 840.54	
360	SF	3	EA	CONCRETE APRON FOR CATCH BASIN	
2,290	TON	13	EA	CONCRETE APRON FOR DROP INLETS	
		382	SF	GENERIC GRADING ITEM (SF) TEMPORARY FABRIC WALL	
28	LF	3,500	LF	1'-6" CONCRETE CURB & GUTTER	
		27,500	LF	2'-6" CONCRETE CURB & GUTTER	
52	LF	200	LF	CONCRETE VALLEY GUTTER	
144	LF	14,000	SY	4" CONCRETE SIDEWALK	
136	LF	730	SY	CONCRETE WHEELCHAIR RAMPS	
10,160	LF	2,000	SY	6" CONCRETE DRIVEWAY	
		10	SY	4" CONCRETE PAVED DITCH	
4,164	LF	1,900	SY	3" CONCRETE ISLAND COVERS	
		3,400	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	
3,276	LF	60	EA	ADJUSTMENT OF MANHOLES	
1,104	LF	140	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	
		525	LF	STEEL BM GUARDRAIL	
652	LF	10	EA	ADDITIONAL GUARDRAIL POSTS	
		6	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	
72	LF	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
8	LF	450	LF	REMOVE EXISTING GUARDRAIL	
		30	TON	PLAIN RIP RAP, CLASS I	
84	LF	91	TON	PLAIN RIP RAP, CLASS B	
		2,810	SY	FILTER FABRIC FOR DRAINAGE	
544	LF	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	
		927	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
828	LF	3	EA	SIGN ERECTION, TYPE D	
		73	EA	SIGN ERECTION, TYPE E	
204	LF	5	EA	SIGN ERECTION, TYPE F	
		2	EA	RELOCATE SIGN, TYPE ***** (E)	
2	EA	41	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	
		2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	
32	LF	1,100	SF	WORK ZONE SIGNS (STATIONARY)	
		240	SF	WORK ZONE SIGNS (PORTABLE)	
56	LF	354	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
		2	EA	FLASHING ARROW PANELS, TYPE C	
2	EA	4	EA	CHANGEABLE MESSAGE SIGN	
		6	EA	WARNING FLAG SETS	
126	LF	900	EA	DRUMS	
		200	EA	CONES	
5,142	LF	360	LF	BARRICADES (TYPE III)	
		6,720	HR	FLAGGER	
500	TON	2	EA	TEMPORARY CRASH CUSHIONS	
		2	EA	RESET TEMPORARY CRASH CUSHIONS	
500	TON	2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	
3,500	SY	200	LF	PORTABLE CONCRETE BARRIER	
25,400	TON				
26,200	TON				
23,650	TON				
3,743	TON				
1,020	TON				
450	CY				
340	CY				
2,000	LF				
60	EA				
24	LF				
4	EA				

			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")			

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 & ENCASE- MENT
140	LF	GENERIC UTILITY ITEM CEMENT GROUT FOR FILLING 6" PVC ABANDONED PIPE & ENCASE- MENT
140	LF	GENERIC UTILITY ITEM CEMENT GROUT FOR FILLING 8" PVC ABANDONED PIPE & ENCASE- MENT
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 SEED- ING
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)
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
20	EA	VEHICLE SIGNAL HEAD (12", 5 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 RESTORA- TION KIT
1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
22	EA	SOIL TEST
5	EA	SIGNAL PEDESTAL WITH FOUNDA- TION
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 RECEI- VER
1	EA	GENERIC SIGNAL ITEM FIBER OPTIC VIDEO/DATA TRANS- MITTER
23	EA	GENERIC SIGNAL ITEM LUMINAIRE MAST ARM
22	EA	GENERIC SIGNAL ITEM MAST ARM WITH METAL POLE DE- SIGN
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 CON- DUIT, (2", 1)
188	CY	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION

**CULVERT ITEMS**

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 MATER- IAL, BOX CULVERT
56	TON	PLAIN RIP RAP, CLASS ** (1)
63	SY	FILTER FABRIC FOR DRAINAGE

**WALL ITEMS**

Lump Sum	LS	GENERIC RETAINING WALL ITEM MODULAR BLOCK RETAINING WALL AT STA 143+00.00 -WALL 2-
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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

L061017 005

CONTRACT ID : C201653 3CR.10101.32

DIV OFFICE WILMINGTON

LENGTH = 14.340 MI

COUNTY : BRUNSWICK

SHOULDER RECONSTRUCTION, RESURFACING &amp; PAVEMENT MARKINGS.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : AUG 01 2007

1 SECTION OF NC-87 &amp; 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,392	CY	BORROW EXCAVATION
1,120	TON	INCIDENTAL STONE BASE
18.4	SMI	SHOULDER RECONSTRUCTION
20,343	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
14,107	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,831	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
100	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,993	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
19,180	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
285	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
2,565	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
175	SY	6" CONCRETE DRIVEWAY
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
97,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
36,450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
276,125	LF	PAINT PAVEMENT MARKING LINES (4")
335	EA	PERMANENT RAISED PAVEMENT MARKERS
607	EA	SNOWPLOWABLE PAVEMENT MARKERS
14.72	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L061017 006

CONTRACT ID : C201190 35600.3.1

DIV OFFICE WILSON

LENGTH = 1.900 MI

COUNTY : EDGEcombe

CLEARING &amp; GRUBBING, GRADING, DRAINAGE, PAVING &amp; SIGNALS.

MBE GOAL 4.0% WBE 6.0% COMPLETION DATE : NOV 15 2007

MCNAIR ROAD EXT FROM NC-111 TO SR-1344 (SARA LEE INDUSTRIAL RD).

ROADWAY ITEMS				
			312	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			264	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS MOBILIZATION		36	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS CLEARING & GRUBBING .. ACRE(S)		93,640	LF PAINT PAVEMENT MARKING LINES (4")
1	ACR SUPPLEMENTARY CLEARING & GRUBBING		144	LF PAINT PAVEMENT MARKING LINES (24")
19,000	CY UNCLASSIFIED EXCAVATION		400	LF REMOVAL OF PAVEMENT MARKING LINES (4")
1,000	CY UNDERCUT EXCAVATION		96	LF REMOVAL OF PAVEMENT MARKING LINES (24")
1,000	TON CLASS IV SUBGRADE STABILIZATION		323	EA PERMANENT RAISED PAVEMENT MARKERS
19,200	CY BORROW EXCAVATION		63	LF 6" WATER LINE
30	CY DRAINAGE DITCH EXCAVATION		137	LF 8" WATER LINE
900	SY REMOVAL OF EXISTING ASPHALT PAVEMENT		316	LF 16" WATER LINE
1,500	SY FABRIC FOR SOIL STABILIZATION		1	EA 8" TAPPING VALVE
375	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS		1	EA 2" WATER METER
112	LF 36" RC PIPE CULVERTS, CLASS III		1	EA RELOCATE 8" DCV BACK-FLOW PREVENTOR
128	LF 48" RC PIPE CULVERTS, CLASS III		3	EA RELOCATE FIRE HYDRANT
24	LF 54" RC PIPE CULVERTS, CLASS III		315	LF ABANDON 16" UTILITY PIPE
357	LF PIPE REMOVAL		1	EA REMOVE WATER METER
Lump Sum	LS FINE GRADING		47	EA GENERIC UTILITY ITEM CLASS B CONCRETE ENCASMENT BLOCKS
200	TON INCIDENTAL STONE BASE		10,900	LF TEMPORARY SILT FENCE
9,200	TON ASPHALT CONC BASE COURSE, TYPE B25.0B		780	TON STONE FOR EROSION CONTROL, CLASS A
7,100	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		2,510	TON STONE FOR EROSION CONTROL, CLASS B
5,400	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B		1,030	TON SEDIMENT CONTROL STONE
1,060	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		11.5	ACR TEMPORARY MULCHING
110	TON ASPHALT PLANT MIX, PAVEMENT REPAIR		400	LB SEED FOR TEMPORARY SEEDING
22	EA RIGHT OF WAY MARKERS		1.75	TON FERTILIZER FOR TEMPORARY SEEDING
5	CY PIPE COLLARS		50	LF TEMPORARY SLOPE DRAINS
1	CY PIPE PLUGS		2	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
16	EA MASONRY DRAINAGE STRUCTURES		1,400	LF SAFETY FENCE
1	LF MASONRY DRAINAGE STRUCTURES		7,605	CY SILT EXCAVATION
1	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		2,525	SY MATTING FOR EROSION CONTROL
12	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		20	SY COIR FIBER MAT
1	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		175	LF COIR FIBER BAFFLES
2	EA FRAME WITH COVER, STD 840.54		3	EA *** SKIMMER (2")
2,900	LF 2'-6" CONCRETE CURB & GUTTER		12	ACR SEEDING & MULCHING
20	SY 6" CONCRETE DRIVEWAY		7	ACR MOWING
1	EA ADJUSTMENT OF MANHOLES		100	LB SEED FOR REPAIR SEEDING
14	EA ADJUSTMENT OF METER BOXES OR VALVE BOXES		0.25	TON FERTILIZER FOR REPAIR SEEDING
35	TON RIP RAP, CLASS I		275	LB SEED FOR SUPPLEMENTAL SEEDING
70	TON RIP RAP, CLASS B		9	TON FERTILIZER TOPDRESSING
985	SY FILTER FABRIC FOR DRAINAGE		2	HR SPECIALIZED HAND MOWING
1	EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON		24	EA RESPONSE FOR EROSION CONTROL
120	SF WORK ZONE SIGNS (STATIONARY)		1,270	LF SIGNAL CABLE
212	SF WORK ZONE SIGNS (PORTABLE)		12	EA VEHICLE SIGNAL HEAD (12", 3 SECTION)
30	SF WORK ZONE SIGNS (BARRICADE MOUNTED)		2	EA VEHICLE SIGNAL HEAD (12", 5 SECTION)
130	EA DRUMS		790	LF MESSENGER CABLE (3/8")
30	EA CONES		2,560	LF UNPAVED TRENCHING (***** (1, 2"))
112	LF BARRICADES (TYPE III)		20	EA JUNCTION BOX (STANDARD SIZE)
2,880	HR FLAGGER		1,720	LF INDUCTIVE LOOP SAWCUT
60	HR POLICE		4,485	LF LEAD-IN CABLE (***** (18-2)
148	EA TEMPORARY RAISED PAVEMENT MARKERS		360	LF LEAD-IN CABLE (***** (18-4)
20,689	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)		8	EA METAL STRAIN SIGNAL POLE
29,731	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)		8	EA SOIL TEST
			56	CY DRILLED PIER FOUNDATION
			2	EA SIGNAL CABINET FOUNDATION
			2	EA CABINET BASE ADAPTER
			2	EA CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)



9 EA DETECTOR CARD (TYPE 2070L)

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

924 LF 15" RC PIPE CULVERTS, CLASS  
 III

716 LF 18" RC PIPE CULVERTS, CLASS  
 III

916 LF 24" RC PIPE CULVERTS, CLASS  
 III

120 LF 30" RC PIPE CULVERTS, CLASS  
 III

\*\*\* OR \*\*\*

896 LF 15" RC PIPE CULVERTS, CLASS  
 III

632 LF 18" RC PIPE CULVERTS, CLASS  
 III

652 LF 24" RC PIPE CULVERTS, CLASS  
 III

100 LF 30" RC PIPE CULVERTS, CLASS  
 III

28 LF \*\*\*\*\* HDPE PIPE CULVERTS  
 (15")

84 LF \*\*\*\*\* HDPE PIPE CULVERTS  
 (18")

264 LF \*\*\*\*\* HDPE PIPE CULVERTS  
 (24")

20 LF \*\*\*\*\* HDPE PIPE CULVERTS  
 (30")

\*\*\* OR \*\*\*

896 LF 15" RC PIPE CULVERTS, CLASS  
 III

632 LF 18" RC PIPE CULVERTS, CLASS  
 III

652 LF 24" RC PIPE CULVERTS, CLASS  
 III

100 LF 30" RC PIPE CULVERTS, CLASS  
 III

28 LF \*\*\*\*\* ALUMINIZED CORRUGATED  
 STEEL PIPE CULVERTS, \*\*\*\*\*  
 THICK  
 (15", 0.064")

84 LF \*\*\*\*\* ALUMINIZED CORRUGATED  
 STEEL PIPE CULVERTS, \*\*\*\*\*  
 THICK  
 (18", 0.064")

264 LF \*\*\*\*\* ALUMINIZED CORRUGATED  
 STEEL PIPE CULVERTS, \*\*\*\*\*  
 THICK  
 (24", 0.064")

20 LF \*\*\*\*\* ALUMINIZED CORRUGATED  
 STEEL PIPE CULVERTS, \*\*\*\*\*  
 THICK  
 (30", 0.079")

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

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L061017 007

CONTRACT ID : C201652 7CR.10411.16

DIV OFFICE GREENSBORO

LENGTH = 13.444 MI

COUNTY : GUILFORD

MILLING, SHOULDER RECONSTRUCTION, RESURFACING &amp; PVMT MRKGS.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : SEP 30 2007

4 SECTIONS OF I-85BUS/US-29/US-70, 8 SECTIONS OF US-220, 1 SECTION OF US-311 AND 6 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
345	TON	INCIDENTAL STONE BASE
8.49	SMI	SHOULDER RECONSTRUCTION
2,115	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
2,185	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
29,838	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
3,004	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
5,278	SY	INCIDENTAL MILLING
124	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
107	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
16,025	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
11,108	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
972	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
667	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
13	TON	PATCHING EXISTING PAVEMENT
32,010	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
39	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
6	EA	CONCRETE WHEELCHAIR RAMPS
171	EA	ADJUSTMENT OF MANHOLES
96	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
61,354	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
54,710	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
797	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
4,645	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
508	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
170	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
2,226	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
1,207	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
227	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
174,272	LF	PAINT PAVEMENT MARKING LINES (4")
15	EA	PAINT PAVEMENT MARKING SYMBOL
Lump Sum	LS	PORTABLE LIGHTING
3.05	ACR	SEEDING & MULCHING
1.24	ACR	RESIDENTIAL SEEDING
50	LF	PAVED TRENCHING (*****) (1, 2")
300	LF	UNPAVED TRENCHING (*****) (1, 2")
5	EA	JUNCTION BOX (*****) (STANDARD SIZE)
7,100	LF	INDUCTIVE LOOP SAWCUT
500	LF	LEAD-IN CABLE (*****) (18-2)
500	LF	LEAD-IN CABLE (*****) (18-4)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L061017 008

CONTRACT ID : C201065 34355.3.12

DIV OFFICE ALBEMARLE

LENGTH = 8.900 KM

COUNTY : STANLY

GRADING, DRAINAGE, PAVING, SIGNALS &amp; CULVERTS.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : OCT 15 2009

NC-24 &amp; NC-27 FROM EAST OF BIG BEAR CREEK TO SR-1963 (ST MARTIN RD) IN ALBEMARLE.

ROADWAY ITEMS				
		1,930	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
		880	MTN	AGGREGATE FOR SOIL CEMENT BASE
Lump Sum	LS	86,600	L	ASPHALT CURING SEAL
Lump Sum	LS	10,000	MTN	INCIDENTAL STONE BASE
30	MO	2,500	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (100MM)
Lump Sum	LS			CLEARING & GRUBBING ... HEC-TARE(S)
0.8	HA	5,800	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
31	EA	44,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
239,000	M3	38,600	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
9,400	M3	40,500	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
500	MTN	3,030	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
17,200	M3	4,170	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5,470	M3	2,430	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
325	M	600	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
31,000	M2	96	M2	GENERIC PAVING ITEM MEDIAN CROSSOVER
19,000	M2	294	EA	RIGHT OF WAY MARKERS
3,300	M2	165.6	M3	SUBDRAIN EXCAVATION
5,300	M2	82.8	M3	SUBDRAIN FINE AGGREGATE
25	HR	200	M	150MM PERFORATED SUBDRAIN PIPE
5,400	M3	21	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
5,400	M2			FABRIC FOR SOIL STABILIZATION
300	M2	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
600,000	L	4	M	150MM OUTLET PIPE (SUBDRAINS)
		30	MTN	BLOTTING SAND
355	MTN	15.8	M3	ENDWALLS
2,500	MTN	20	M3	REINFORCED ENDWALLS
		11.4	M3	PIPE COLLARS
750	M	0.13	M3	PIPE PLUGS
61.2	M	137	EA	MASONRY DRAINAGE STRUCTURES
48	M	10.5	M3	MASONRY DRAINAGE STRUCTURES
198	M	13.6	M	MASONRY DRAINAGE STRUCTURES
		4	EA	FRAME WITH GRATE, STD 840.**** (840.16)
138	M	124	EA	FRAME WITH TWO GRATES, STD 840.24
144	M	3	EA	FRAME WITH COVER, STD 840.54
		2	EA	CONCRETE APRON FOR DROP INLETS
22	EA	245	M3	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL
		900	M2	FABRIC FOR TEMPORARY FABRIC WALL
4	EA	65	M	*** X ****MM CONCRETE CURB (200MM X 450MM)
1	EA	1,100	M2	150MM CONCRETE DRIVEWAY
3	EA	80	M2	100MM CONCRETE PAVED DITCH
		915	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
174	M	25	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
		712.47	M	STEEL BM GUARDRAIL
2	EA	30.4	M	STEEL BM GUARDRAIL, SHOP CURVED
		6	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
38.4	M	10	EA	ADDITIONAL GUARDRAIL POSTS
		1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
63.6	M	8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
		13	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
3	EA	2,663	M	REMOVE EXISTING GUARDRAIL
		150	M	WOVEN WIRE FENCE, ****MM FABRIC (1000MM)
2	EA	240	M	WOVEN WIRE FENCE, 1200MM FABRIC
1,912.7	M			PIPE REMOVAL
2	EA			PIPE CLEAN-OUT
Lump Sum	LS			FINE GRADING
4,500	KG			SEALING EXISTING PAVEMENT CRACKS
63,670	M2			LIME TREATED SOIL (SLURRY METHOD)
720	MTN			LIME FOR LIME TREATED SOIL
750	MTN			STABILIZER AGGREGATE
58,800	MTN			AGGREGATE BASE COURSE
63,670	M2			***MM SOIL CEMENT BASE (180MM)

			61	M	***MM PE WATER TUBING, SDR 9, ***MPA WP (50MM, 1.38MPA WP)
66	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	1	EA	***MM CORPORATION STOP (25MM)
43	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	1	EA	***MM CORPORATION STOP (40MM)
6	M	ADDITIONAL BARBED WIRE	128	EA	20MM CORPORATION STOP
60	M	** STRAND BARBED WIRE FENCE WITH POSTS (5)	1	EA	50MM CORPORATION STOP
40	M	** STRAND BARBED WIRE FENCE WITH POSTS (6)	18	EA	***MM GATE VALVE & VALVE BOX, ***MPA WP (400MM, 1.38MPA WP)
590	M	GENERIC FENCING ITEM SPLIT RAIL FENCE, COMPLETE WITH POSTS	41	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
500	MTN	PLAIN RIP RAP, CLASS I	1	EA	250MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA WP)
185	MTN	PLAIN RIP RAP, CLASS B	3	EA	300MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA WP)
6,375	M2	FILTER FABRIC FOR DRAINAGE	7	EA	*** X ***MM TAPPING SADDLE (150MM X 20MM)
270	M2	WORK ZONE SIGNS (STATIONARY)	1	EA	*** X ***MM TAPPING SADDLE (250MM X 20MM)
50	M2	WORK ZONE SIGNS (PORTABLE)	1	EA	*** X ***MM TAPPING SADDLE (300MM X 20MM)
90	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	119	EA	*** X ***MM TAPPING SADDLE (400MM X 20MM)
4	EA	FLASHING ARROW PANELS, TYPE C	1	EA	*** X ***MM TAPPING SADDLE (400MM X 50MM)
2	EA	CHANGEABLE MESSAGE SIGN	6	EA	***MM AIR RELEASE VALVE & MAN- HOLE (400MM)
22	EA	WARNING FLAG SETS	10	EA	150MM TRANSITION COUPLING, ***** (AC TO DI)
400	EA	DRUMS	1	EA	300MM TRANSITION COUPLING, ***** (AC TO DI)
100	EA	CONES	1	EA	400MM TRANSITION COUPLING, ***** (AC TO DI)
300	M	BARRICADES (TYPE III)	130	EA	RELOCATE EXISTING WATER METER
4,800	HR	FLAGGER	25	EA	RELOCATE EXISTING FIRE HYDRANT
6	EA	WARNING LIGHTS (TYPE B)	30.5	M	***MM PVC SEWER PIPE, SDR ** (100MM, SDR 35)
12	EA	TEMPORARY CRASH CUSHIONS	622	M	200MM DI SEWER PIPE, PC 2.41MPA
2	EA	RESET TEMPORARY CRASH CUSHIONS	124	M	***MM DI FORCE MAIN SEWER PIPE PC ***MPA (150MM, PC 2.41MPA)
2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)	102	KG	DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP
200	M	PORTABLE CONCRETE BARRIER (ANCHORED)	6	EA	SANITARY SEWER CLEAN-OUT
200	M	PORTABLE CONCRETE BARRIER (DRAINAGE)	8	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
110	M	RESET PORTABLE CONCRETE BAR- RIER	11.55	M	PRECAST CONC MANHOLE WALL, ***MM DIA, OVER 1.8M HT (1200MM)
120	HR	POLICE	713	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (150MM, AC WATER PIPE)
600	EA	TEMPORARY RAISED PAVEMENT MARKERS	137	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (AC WATER PIPE)
41,000	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	8,543.5	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (AC WATER PIPE)
10,950	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	3	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE
1,300	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
300	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	25	M	***MM PVC ENCASEMENT PIPE (100MM, SCH 80)
193	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	1,188.4	M	***MM PVC ENCASEMENT PIPE (50MM, SCH 80)
502,700	M	PAINT PAVEMENT MARKING LINES (100MM)	183.6	M	GENERIC UTILITY ITEM 500MM HDPE WATER PIPE, DR 9, 1.38MPA WP
1,900	M	PAINT PAVEMENT MARKING LINES (200MM)	Lump Sum	LS	GENERIC UTILITY ITEM SEWAGE LIFT STATION
2,000	M	PAINT PAVEMENT MARKING LINES (300MM)	950	M	TEMPORARY SILT FENCE
1,000	M	PAINT PAVEMENT MARKING LINES (600MM)	3,750	MTN	STONE FOR EROSION CONTROL, CLASS A
386	EA	PAINT PAVEMENT MARKING SYMBOL	13,375	MTN	STONE FOR EROSION CONTROL, CLASS B
3,000	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	5,850	MTN	SEDIMENT CONTROL STONE
325	EA	PERMANENT RAISED PAVEMENT MARKERS	25.5	HA	TEMPORARY MULCHING
3,400	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)	1,000	KG	SEED FOR TEMPORARY SEEDING
3,400	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	8	MTN	FERTILIZER FOR TEMPORARY SEED- ING
80	MTN	PAVEMENT REPAIR FOR UTILITY WORK	90	M	TEMPORARY SLOPE DRAINS
988	M	150MM DI WATER PIPE, PC 2.41MPA	9	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
118	M	250MM DI WATER PIPE, PC 2.41MPA	2,550	M	SAFETY FENCE
345.5	M	300MM DI WATER PIPE, PC 2.41MPA	145,150	M3	SILT EXCAVATION
8,531.5	M	400MM DI WATER PIPE, PC ***MPA (1.72MPA WP)			
16,010	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP			
2,954.45	M	20MM PE WATER TUBING, SDR 9, ***MPA WP (1.38MPA WP)			
5	M	***MM PE WATER TUBING, SDR 9, ***MPA WP (25MM, 1.38MPA WP)			
5	M	***MM PE WATER TUBING, SDR 9, ***MPA WP (40MM, 1.38MPA WP)			

9,325	M2	MATTING FOR EROSION CONTROL
4,925	M2	PERMANENT SOIL REINFORCEMENT MAT
900	M	6.4MM HARDWARE CLOTH
10	M	***MM TEMPORARY PIPE (450MM)
445	M3	STILLING BASINS
23.5	HA	SEEDING & MULCHING
14.5	HA	MOWING
325	KG	SEED FOR REPAIR SEEDING
1.25	MTN	FERTILIZER FOR REPAIR SEEDING
650	KG	SEED FOR SUPPLEMENTAL SEEDING
40	MTN	FERTILIZER TOPDRESSING
120	M	IMPERVIOUS DIKE
8	HR	SPECIALIZED HAND MOWING
4	EA	ROOTWADS
300	M3	CULVERT DIVERSION CHANNEL
8.9	HA	REFORESTATION
24	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
27	MTN	GENERIC EROSION CONTROL ITEM BOULDERS
758	M	SIGNAL CABLE
6	EA	VEHICLE SIGNAL HEAD (300MM, 1 SECTION)
21	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
3	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
2	EA	RELOCATE EXISTING VEHICLE SIGNAL HEAD
580	M	MESSENGER CABLE (9.52MM)
17	M	TRENCHING (PAVED)
667	M	TRENCHING (UNPAVED)
19	EA	JUNCTION BOX (STANDARD SIZE)
3	EA	WOOD POLE
4	EA	GUY ASSEMBLY
1	EA	25MM RISER WITH WEATHERHEAD
1	EA	50MM RISER WITH WEATHERHEAD
831	M	INDUCTIVE LOOP SAWCUT
2,695	M	LEAD-IN CABLE
12	EA	SOIL TEST
4	EA	SIGN FOR SIGNALS
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
13	EA	DETECTOR CARD (TYPE 2070L)
1	EA	BEACON CONTROLLER ASSEMBLY & CABINET (*****) (F1)
3	EA	GENERIC SIGNAL ITEM CABINET BASE EXTENDER
2	EA	GENERIC SIGNAL ITEM GPS UNIT
12	EA	GENERIC SIGNAL ITEM METAL STRAIN POLE DESIGN
12	EA	GENERIC SIGNAL ITEM METAL STRAIN SIGNAL POLE
54	M3	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION

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

1,236	M	375MM RC PIPE CULVERTS, CLASS III
1,159.2	M	450MM RC PIPE CULVERTS, CLASS III
1,288.8	M	600MM RC PIPE CULVERTS, CLASS III
974.4	M	750MM RC PIPE CULVERTS, CLASS III
500.4	M	900MM RC PIPE CULVERTS, CLASS III
		*** OR ***
756	M	375MM RC PIPE CULVERTS, CLASS III
742.8	M	450MM RC PIPE CULVERTS, CLASS III
402	M	600MM RC PIPE CULVERTS, CLASS III
614.4	M	750MM RC PIPE CULVERTS, CLASS III
276	M	900MM RC PIPE CULVERTS, CLASS III
480	M	GENERIC PIPE ITEM 400MM ALUM CSP CULVERTS (1.63MM THICK)

416.4	M	GENERIC PIPE ITEM 450MM ALUM CSP CULVERTS (1.63MM THICK)
886.8	M	GENERIC PIPE ITEM 600MM ALUM CSP CULVERTS (1.63MM THICK)
360	M	GENERIC PIPE ITEM 800MM ALUM CSP CULVERTS (2.01MM THICK)
224.4	M	GENERIC PIPE ITEM 900MM ALUM CSP CULVERTS (2.01MM THICK)
		*** OR ***
756	M	375MM RC PIPE CULVERTS, CLASS III
742.8	M	450MM RC PIPE CULVERTS, CLASS III
402	M	600MM RC PIPE CULVERTS, CLASS III
614.4	M	750MM RC PIPE CULVERTS, CLASS III
276	M	900MM RC PIPE CULVERTS, CLASS III
480	M	GENERIC PIPE ITEM 375MM HDPE PIPE CULVERTS
416.4	M	GENERIC PIPE ITEM 450MM HDPE PIPE CULVERTS
886.8	M	GENERIC PIPE ITEM 600MM HDPE PIPE CULVERTS
360	M	GENERIC PIPE ITEM 750MM HDPE PIPE CULVERTS
224.4	M	GENERIC PIPE ITEM 900MM HDPE PIPE CULVERTS

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

**CULVERT ITEMS**

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (194+76.101-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (200+25.352-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (234+68.377-L-)
447	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
492.8	M3	CLASS A CONCRETE (CULVERT)
54,534	KG	REINFORCING STEEL (CULVERT)
65	MTN	PLAIN RIP RAP, CLASS ** (A)
99	MTN	PLAIN RIP RAP, CLASS ** (I)
149	M2	FILTER FABRIC FOR DRAINAGE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L061017 009

CONTRACT ID : C201646 37687

DIV OFFICE ALBEMARLE

LENGTH = 4.390 MI

COUNTY : UNION

WIDENING, GRADING, DRAINAGE, MILLING, RESURFACING &amp; PVT MKG

MBE GOAL 3.0% WBE 6.0% COMPLETION DATE : AUG 17 2007

SR-1501 (SEACREST SHORTCUT RD) FROM PAVEMENT JOINT NEAR SR-1514 (ROCKY RIVER RD) TO US-74.

## ROADWAY ITEMS

			600	TON	STONE FOR EROSION CONTROL, CLASS B
			300	TON	SEDIMENT CONTROL STONE
Lump Sum	LS	MOBILIZATION	500	CY	SILT EXCAVATION
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	500	SY	MATTING FOR EROSION CONTROL
	500	CY	200	SY	PERMANENT SOIL REINFORCEMENT MAT
Lump Sum	LS	GRADING	16	ACR	SEEDING & MULCHING
	100	TON			
	500	CY			
	100	SY			
	600	SY			
	156	TON			
	96	LF			
	1,296	LF			
	62	LF			
	16	LF			
	1,450	LF			
	400	TON			
	4	SMI			
	1,000	LF			
	1,280	SY			
	400	SY			
	2,107	TON			
	9,011	TON			
	5,407	TON			
	514	TON			
	324	TON			
	80	TON			
	600	TON			
	60	TON			
	1	CY			
	1	CY			
	1	EA			
	1	EA			
	5	EA			
	500	SY			
	40	LF			
	3	EA			
	8	EA			
	10	TON			
	40	TON			
	115	SY			
	60	HR			
	46,500	LF			
	47,500	LF			
	800	LF			
	30	LF			
	12	EA			
	300	EA			
	10	EA			
	2	EA			
	5,000	LF			

