




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

March 20, 2007

MEMORANDUM TO: Prospective Bidders

FROM: Randy A. Garris, PE   
Contract Office

SUBJECT: Erosion and Sediment Control/ Stormwater Certification Training  
Level III-A & Level III-B

As you are aware, the Department has implemented two of the three phases of Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to alert Contractors and Private Engineering Firms of changes to the Level III Certification Program. To better provide the necessary instruction and software tools for personnel tasked with E&SC plan design, two emphasis areas, Level III-A and Level III-B have been developed.

Level III-A will target Private Engineering Firms and Design Build Contractors who design erosion and sediment control and stormwater pollution prevention plans under the NCDOT Delegated program. Plans developed under the Department's Delegated Erosion and Sediment Control Program require approval by the Department prior to implementation.

Level III-B will target Bid-Build and Design-Build Contractors as well as Private Engineering Firms who design the erosion and sediment control component of reclamation plans.

The workshop for each Level III specialty area is a one-day fast paced class for engineers and advanced level technicians. Workshops will be offered on a regional basis with instructors from North Carolina State University. Engineering analysis methods for erosion prediction and design will be presented as well as hydrologic and hydraulic engineering principles. Certification exams are associated with each workshop. The implementation date for Level III-A and Level III-B is January 2008 and plans submitted after that date will be accompanied with the appropriate Level III certification number of the designer.

To obtain detailed information regarding the certification program, review locations for Level III 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) Registration for Level III workshops are currently open and accepting registrants.

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.

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

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
CHIEF ENGINEER'S OFFICE  
1537 MAIL SERVICE CENTER

TELEPHONE: 919-733-7621  
FAX: 919-733-4141

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

LOCATION:  
TRANSPORTATION BUILDING  
1 SOUTH WILMINGTON STREET  
RALEIGH NC

**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 SEPTEMBER 18, 2007. 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., . 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 AUGUST 21, 2007.  
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.

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 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** L070918

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
*001	C201840	34440.3.8	BEAUFORT	0.000 MI	BRIDGE REPAIRS & PAINTING.
002	C201592	38899.3.1	STATEWIDE	00.000 MI	GUARDRAIL REHABILITATION & STRUCTURE RAIL RETROFIT.
003	C201863	2CR.10251.5	CRAVEN	6.600 MI	WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
004	C201882	32575.3.2	BRUNSWICK	1.148 MI	GRADING, DRAINAGE, PAVING, & STRUCTURES.
*005	C201866	39914.3.1	NASH	0.000 MI	RENOVATION OF REST AREA.
006	C201619	33351.3.1	WAKE	0.251 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
007	C201751	39995.3.GV1	ROBESON	14.000 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
*008	C201588	38727.3.GV1	GUILFORD	8.850 MI	MILLING, & RESURFACING.
009	C201884	SICCB2007	GUILFORD	0.000 MI	FULLY OPERATED RENTAL EQUIPMENT FOR SNOW & ICE CONTROL.
010	C201885	SICSR2007	GUILFORD	0.000 MI	FULLY OPERATED RENTAL EQUIPMENT FOR SNOW & ICE CONTROL.
011	C201680	33586.3.1	RANDOLPH	0.178 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
012	C201861	38067	MOORE	0.510 MI	GRADING, DRAINAGE, PAVING & SIGNAL
013	C201303	33185.3.GV1	DAVIE	0.609 MI	GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURE.
014	C201224	33598.3.2	DAVIE, ROWAN	0.348 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
015	C201824	41142.3.1	ANSON	0.440 MI	GRADING, DRAINAGE, PAVING & CURB AND GUTTER.
016	C201514	40192.3.1	JACKSON, SWAIN	0.365 MI	SLOPE STABILIZATION, PAVING, GRADING & RETAINING WALLS.

**\*NOTE:**

RPN 001 Beaufort County: Bidders must attend the Mandatory Pre-bid Conference on Thursday August 23rd at 1:30pm at the Division Office in Greenville.

RPN 005 Nash County: Bidders must attend the Mandatory Pre-bid Conference on Wednesday September 5th at 2:00pm at the Division Office in Wilson.

RPN 008 Guilford County: Bidders must attend the Mandatory Pre-bid Conference on Wednesday September 5th at 10:00am at the Division Office in Greensboro.

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

L070918 001

CONTRACT ID : C201840 34440.3.8

DIV OFFICE GREENVILLE

LENGTH = 0.000 MI

COUNTY : BEAUFORT

BRIDGE REPAIRS &amp; PAINTING.

DBE GOAL 0.0% COMPLETION DATE : MAY 15 2008

BRIDGE OVER TAR RIVER ON US-17.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
640	LF	REMOVE & RESET EXISTING GUARDRAIL
640	LF	TEMPORARY STEEL BM GUARDRAIL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
320	SF	WORK ZONE SIGNS (STATIONARY)
224	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
110	EA	DRUMS
48	LF	BARRICADES (TYPE III)
1,080	HR	FLAGGER
2	EA	TMIA
300	HR	POLICE
84	EA	SKINNY DRUM
486	EA	TEMPORARY RAISED PAVEMENT MARKERS
13,040	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
28,580	LF	PAINT PAVEMENT MARKING LINES (4")
4	EA	PAINT PAVEMENT MARKING SYMBOL
13,880	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
58	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	GENERIC STRUCTURE ITEM CAMBER MODIFICATION OF MAIN GIRDERS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF EXISTING STRUCTURE
Lump Sum	LS	GENERIC STRUCTURE ITEM REPLACEMENT OF STEEL GRID FLOOR
Lump Sum	LS	GENERIC STRUCTURE ITEM REPLACEMENT OF W16X40 STRINGERS
Lump Sum	LS	GENERIC STRUCTURE ITEM UNDER STRUCTURE WORK PLATFORM
48	IN	GENERIC STRUCTURE ITEM REPAIR OF SIDEWALK BRACKET CRACKS
246	LF	GENERIC STRUCTURE ITEM MODIFICATION TO SIDEWALK CURBS
2,500	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL REPAIRS TO VARIOUS BRIDGE MEMBERS

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

L070918 002

CONTRACT ID : C201592 38899.3.1

DIV OFFICE EDENTON

LENGTH = 300.000 MI

COUNTY : STATEWIDE

GUARDRAIL REHABILITATION &amp; STRUCTURE RAIL RETROFIT.

DBE GOAL 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

STATEWIDE - US-13, US-17, US-64, US-70, US-158, US-264 &amp; NC-24.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
8,025	LF	STEEL BM GUARDRAIL
75	LF	STEEL BM GUARDRAIL, SHOP CURVED
105	LF	TRIPLE CORRUGATED STEEL BM GUARDRAIL
300	LF	20" TUBULAR TRIPLE CORRUGATED STEEL BM GUARDRAIL
8	EA	W-TR STEEL BM GUARDRAIL TRANSITION SECTIONS
50	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP-46)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP-III MOD)
15	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP-III)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
11	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
7	EA	GUARDRAIL ANCHOR UNITS, TYPE III
80	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
221	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
925	LF	REMOVE & RESET EXISTING GUARDRAIL
18,200	LF	REMOVE EXISTING GUARDRAIL
734	EA	GENERIC GUARDRAIL ITEM 7'-0" LONG, GUARDRAIL POSTS
20	EA	GENERIC GUARDRAIL ITEM REPLACE EXT GUARDRAIL OFFSET BLOCKS
1,788	SF	WORK ZONE SIGNS (PORTABLE)
6	EA	FLASHING ARROW PANELS, TYPE C
6	EA	CHANGEABLE MESSAGE SIGN
500	EA	DRUMS
80	MD	FLAGGER
6	EA	TMLA
3	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070918 003

CONTRACT ID : C201863 2CR.10251.5

DIV OFFICE GREENVILLE

LENGTH = 6.600 MI

COUNTY : CRAVEN

WIDENING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 01 2008

US-17 FROM NC-43 TO THE NORTH OF THE VANCEBORO BYPASS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
13.2	SMI	SHOULDER RECONSTRUCTION
2,200	SY	INCIDENTAL MILLING
6,224	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
4,819	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
10,520	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,125	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
71,016	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
43,560	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
11.2	ACR	SEEDING & MULCHING



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

L070918 004

CONTRACT ID : C201882 32575.3.2

DIV OFFICE WILMINGTON

LENGTH = 1.148 MI

COUNTY : BRUNSWICK

GRADING, DRAINAGE, PAVING, &amp; STRUCTURES.

DBE GOAL 7.0% COMPLETION DATE : MAY 15 2010

## BRIDGE OVER INTERCOASTAL WATERWAY AND APPROACHES ON SR-1172 AT SUNSET BEACH.

		ROADWAY ITEMS				
Lump Sum	LS	MOBILIZATION		2	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	CONSTRUCTION SURVEYING		1	EA	GENERIC DRAINAGE ITEM 16" NONPERFORATED PVC ELBOWS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (41+81.50)		1	EA	GENERIC DRAINAGE ITEM 48" PRECAST MANHOLE
Lump Sum	LS	GRADING		1	EA	GENERIC DRAINAGE ITEM CAST IRON GATE (12")
	1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	1	EA	GENERIC DRAINAGE ITEM TRASH RACK (30" X 30")
	500	CY	UNDERCUT EXCAVATION	20	LF	GENERIC DRAINAGE ITEM 16" NONPERFORATED PVC PIPE
	100	TON	CLASS IV SUBGRADE STABILIZA- TION	500	LF	GENERIC DRAINAGE ITEM 6" NONPERFORATED PVC PIPE
	4	EA	EMBANKMENT SETTLEMENT GAUGES	14	CY	GENERIC DRAINAGE ITEM CONCRETE CLASS AA
	20	CY	DRAINAGE DITCH EXCAVATION	31	CY	GENERIC DRAINAGE ITEM FINE AGGREGATE FILTER DIA- PHRAGM
	9,000	CY	SELECT GRANULAR MATERIAL	90	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
	5,700	SY	FABRIC FOR SOIL STABILIZATION	500	LF	STEEL BM GUARDRAIL
	8,150	CY	GENERIC GRADING ITEM DAM EMBANKMENT EARTH FILL	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
	252	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	10	EA	ADDITIONAL GUARDRAIL POSTS
	596	LF	15" RC PIPE CULVERTS, CLASS III	1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	100	LF	18" RC PIPE CULVERTS, CLASS III	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
	76	LF	24" RC PIPE CULVERTS, CLASS III	5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
	332	LF	30" RC PIPE CULVERTS, CLASS III	250	LF	TEMPORARY STEEL BM GUARDRAIL
	200	LF	42" RC PIPE CULVERTS, CLASS III	4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (TYPE III)
	2	EA	*** RC PIPE ELBOWS, CLASS III (24")	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
	2.5	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	3,200	LF	CHAIN LINK FENCE, 48" FABRIC
	216	LF	24" CS PIPE CULVERTS, 0.064" THICK	280	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
	36	LF	***BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (18", 0.064")	40	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
	2	EA	*** BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (18", 0.064")	2	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, DOUBLE GATE (48")
	96	LF	*** WELDED STEEL PIPE IN SOIL (42")	320	LF	ADDITIONAL BARBED WIRE
	475	LF	PIPE REMOVAL	2	EA	DOUBLE GATES, *** HIGH, ** WIDE, *** OPENING (48", 10', 20')
	1,000	TON	STABILIZER AGGREGATE	71	TON	RIP RAP, CLASS I
	9,200	TON	AGGREGATE BASE COURSE	190	TON	RIP RAP, CLASS II
	100	TON	INCIDENTAL STONE BASE	850	TON	RIP RAP, CLASS B
	850	GAL	PRIME COAT	5,875	SY	FILTER FABRIC FOR DRAINAGE
	3,900	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	44	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
	2,800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	281.06	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
	4,175	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	38.75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
	71	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	980	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	555	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	3	EA	SIGN ERECTION, TYPE D
	20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	59	EA	SIGN ERECTION, TYPE E
	520	CY	SUBDRAIN EXCAVATION	5	EA	SIGN ERECTION, TYPE F
	390	CY	SUBDRAIN FINE AGGREGATE	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
	2,300	LF	6" PERFORATED SUBDRAIN PIPE	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
	69	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	1	EA	DISPOSAL OF SUPPORT, WOOD
	5	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	41	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
	30	LF	6" OUTLET PIPE (SUBDRAINS)	10	EA	DISPOSAL OF SIGN SYSTEM, WOOD
	9	CY	ENDWALLS	1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
	1	CY	PIPE PLUGS	351	SF	WORK ZONE SIGNS (STATIONARY)
	16	EA	MASONRY DRAINAGE STRUCTURES	106	SF	WORK ZONE SIGNS (PORTABLE)
	7	LF	MASONRY DRAINAGE STRUCTURES			
	3	EA	FRAME WITH TWO GRATES, STD 840.16			
	9	EA	FRAME WITH TWO GRATES, STD 840.29			

**WALL ITEMS**

126	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,897	SF	GENERIC RETAINING WALL ITEM
2	EA	CHANGEABLE MESSAGE SIGN			22.6" SHEET PILE RETAINING WALLS (STEEL)
62	EA	DRUMS			
320	LF	BARRICADES (TYPE III)			
1,600	HR	FLAGGER			
1	EA	TMIA			
32	HR	POLICE			
59	EA	TEMPORARY RAISED PAVEMENT MARKERS			
63,035	LF	PAINT PAVEMENT MARKING LINES (4")		Lump Sum	LS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (47+08.03 -L-)
2,046	LF	PAINT PAVEMENT MARKING LINES (8")		Lump Sum	LS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (47+08.03 -L-)
144	LF	PAINT PAVEMENT MARKING LINES (24")		Lump Sum	LS REMOVAL OF EXISTING STRUCTURE AT STATION ***** (47+08.03 -L-)
22	EA	PAINT PAVEMENT MARKING SYMBOL		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (14,47+08.03 -L-)
30,896	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (16,47+08.03 -L-)
2,349	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (17,47+08.03 -L-)
71	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (HIGHLY REFLECTIVE ELEMENTS)		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (18,47+08.03 -L-)
28	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (HIGHLY REFLECTIVE ELEMENTS)		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (19,47+08.03 -L-)
211	EA	SNOWPLOWABLE PAVEMENT MARKERS		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (20,47+08.03 -L-)
739	LF	6" WATER LINE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (21,47+08.03 -L-)
44	LF	8" WATER LINE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
873	LF	12" WATER LINE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
4	EA	6" VALVE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (20,47+08.03 -L-)
2	EA	8" VALVE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (21,47+08.03 -L-)
2	EA	12" VALVE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
1	EA	2" BLOW OFF		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
1	EA	RECONNECT WATER METER		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
1	EA	RELOCATE FIRE HYDRANT		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
754	LF	ABANDON 6" UTILITY PIPE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
3,301	LF	ABANDON 8" UTILITY PIPE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
856	LF	ABANDON 12" UTILITY PIPE		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (22,47+08.03 -L-)
9,700	LF	TEMPORARY SILT FENCE	2,368	LF	**_**" DIA DRILLED PIERS (5'-0")
200	TON	STONE FOR EROSION CONTROL, CLASS A	2,107	LF	**_**" DIA DRILLED PIERS (6'-0")
405	TON	STONE FOR EROSION CONTROL, CLASS B	660	LF	PERMANENT STEEL CASING FOR **_**" DIA DRILLED PIER (5'-0")
1,215	TON	SEDIMENT CONTROL STONE	720	LF	PERMANENT STEEL CASING FOR **_**" DIA DRILLED PIER (6'-0")
10	ACR	TEMPORARY MULCHING	4	EA	PDA TESTING
450	LB	SEED FOR TEMPORARY SEEDING	11	EA	PDA ASSISTANCE
1.75	TON	FERTILIZER FOR TEMPORARY SEEDING	46	EA	SID INSPECTION
125	LF	TEMPORARY SLOPE DRAINS	46	EA	SPT TESTING
8	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	5	EA	CROSSHOLE SONIC LOGGING
8,400	LF	SAFETY FENCE	3,236	CY	UNCLASSIFIED STRUCTURE EXCAVATION
13,220	CY	SILT EXCAVATION	89,918	SF	REINFORCED CONCRETE DECK SLAB
5,800	SY	MATTING FOR EROSION CONTROL	77,110	SF	GROOVING BRIDGE FLOORS
25	SY	COIR FIBER MAT	3,471.6	CY	CLASS AA CONCRETE (BRIDGE)
275	SY	PERMANENT SOIL REINFORCEMENT MAT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (47+08.03 -L-)
1,000	LF	1/4" HARDWARE CLOTH	1,507,318	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
90	SY	FLOATING TURBIDITY CURTAIN	167,398	LB	EPOXY COATED SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
60	EA	SPECIAL STILLING BASINS	1,607.513	LF	54" PRESTRESSED CONCRETE GIRDERS
575	LF	COIR FIBER BAFFLES	6,431.221	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
2	EA	**" SKIMMER (2")	41,100	LS	APPROX ..... LBS STRUCTURAL STEEL
2	EA	**" SKIMMER (2-1/2")	6,010	LF	HP12X53 STEEL PILES
10	ACR	SEEDING & MULCHING	1,920	LF	HP14X73 STEEL PILES
4.5	ACR	MOWING	52	EA	PILE REDRIVES
100	LB	SEED FOR REPAIR SEEDING	5,105	LF	TWO BAR METAL RAIL
0.25	TON	FERTILIZER FOR REPAIR SEEDING	5,105	LF	1'-**"X ***** CONCRETE PARAPET (1'-2" X 2'-6")
200	LB	SEED FOR SUPPLEMENTAL SEEDING	445	TON	RIP RAP, CLASS B
7.5	TON	FERTILIZER TOPDRESSING	219	TON	RIP RAP CLASS II (2'-0" THICK)
175	LF	IMPERVIOUS DIKE	736.8	SY	FILTER FABRIC FOR DRAINAGE
3.5	HR	SPECIALIZED HAND MOWING	Lump Sum	LS	ELASTOMERIC BEARINGS
8	EA	RESPONSE FOR EROSION CONTROL	Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	GENERIC EROSION CONTROL ITEM DAM CONSTRUCTION DEWATERING	Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA ***** (47+08.03 -L-)
2.9	ACR	GENERIC EROSION CONTROL ITEM WETLAND GRASS PLANTING	Lump Sum	LS	SOLAR ARRAY SUPPORT PLATFORM
650	CY	GENERIC EROSION CONTROL ITEM DIVERSION CHANNEL			

**STRUCTURE ITEMS**

Lump Sum	LS	GENERIC STRUCTURE ITEM AXIAL LOAD TEST
Lump Sum	LS	GENERIC STRUCTURE ITEM POST-TENSIONING TENDONS
81	LF	GENERIC STRUCTURE ITEM 4'-0" DIA DRILLED PIERS (DEMONSTRATION PIER)
2,088.2	LF	GENERIC STRUCTURE ITEM 78" POST-TENSIONED PRESTRESSED CONCRETE GIRDERS
2,860	LF	GENERIC STRUCTURE ITEM MESSENGER CABLE SYSTEM
1	EA	GENERIC STRUCTURE ITEM SONIC CALIPER TESTING

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

L070918 005

CONTRACT ID : C201866 39914.3.1

DIV OFFICE WILSON

LENGTH = 0.000 MI

COUNTY : NASH

RENOVATION OF REST AREA.

DBE GOAL 3.0% COMPLETION DATE : SEP 15 2008

## I-95 REST AREA BUILDINGS, GROUNDS, &amp; PARKING FACILITIES.

ROADWAY ITEMS		Lump Sum	LS	DESCRIPTION
				GENERIC REST AREA ITEM ELECTRICAL CONSTRUCTION FOR THE NBL/SBL VENDING BUILDING
Lump Sum	LS			GENERIC REST AREA ITEM ELECTRICAL INSTALLATION FOR THE NBL/SBL REST AREA SERVICE BUILDING
1.5	ACR			GENERIC REST AREA ITEM GENERAL CONSTRUCTION OF NBL/SBL REST AREA BUILDING
2.5	ACR			GENERIC REST AREA ITEM GENERAL CONSTRUCTION OF NBL/SBL VENDING BUILDING
6	TON			GENERIC REST AREA ITEM HEAT & AC CONSTRUCTION FOR THE NBL/SBL VENDING BUILDING
1	EA			GENERIC REST AREA ITEM HEAT & AC INSTALLATION FOR THE NBL/SBL REST AREA SERVICE BLDG
1	EA			GENERIC REST AREA ITEM LANDSCAPE & SITE GRADING
767	LF			GENERIC REST AREA ITEM PLUMBING CONSTRUCTION FOR THE NBL/SBL VENDING BUILDING
6	EA			GENERIC REST AREA ITEM PLUMBING INSTALLATION FOR THE NBL/SBL REST AREA SERVICE BUILDING
2,732	SY			GENERIC REST AREA ITEM 1/2" PVC WATER PIPE, SCH-80
1,450	LF			GENERIC REST AREA ITEM 2" SLEEVE FOR U/G ELECTRICAL /PHONE SERVICE (SCH 40 PVC)
2	EA			GENERIC REST AREA ITEM 3" PVC WATER PIPE, SCH-80
24	TON			GENERIC REST AREA ITEM 3/4" PVC WATER PIPE, SCH-80
75	SY			GENERIC REST AREA ITEM 4" PVC WATER PIPE, SCH-80
1	EA			GENERIC REST AREA ITEM 4" PVC/ABS -DWV DRAIN PIPE, SCH 40
2	EA			GENERIC REST AREA ITEM 6" PVC GRAVITY SEWER LINE, SDR-35
1	EA			GENERIC REST AREA ITEM 6" PVC/ABS-DWV DRAIN PIPE, SCH 40
525	LF			GENERIC REST AREA ITEM BRICK BANDING/BRICK EDGING
40	TON			GENERIC REST AREA ITEM BRICK CHEEK WALLS
50	TON			GENERIC REST AREA ITEM BRICK SEATWALL
20	TON			GENERIC REST AREA ITEM HANDRAILS
0.5	ACR			GENERIC REST AREA ITEM LANDSCAPE METAL EDGING
20	LF			GENERIC REST AREA ITEM PVC WATER PIPE REPAIR, SCH 80
0.5	ACR			GENERIC REST AREA ITEM TREE PROTECTION FENCE
0.25	TON			
341	CY			
2,385	SY			
2,385	SY			
4.8	CY			
2,144	CY			
15	EA			
42	EA			
3	EA			
2	EA			
4	EA			
1	EA			
1	EA			
5	EA			
5	EA			
2	EA			
1	EA			
10	EA			

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

L070918 006

CONTRACT ID : C201619 33351.3.1

DIV OFFICE DURHAM

LENGTH = 0.251 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING &amp; STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEP 15 2008

BRIDGE OVER SWIFT CREEK AND APPROACHES ON SR-1379 (PENNY RD).

ROADWAY ITEMS				
			12	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			603	SF WORK ZONE SIGNS (STATIONARY)
			112	SF WORK ZONE SIGNS (PORTABLE)
			169	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
			20	DAY CHANGEABLE MESSAGE SIGN (SHORT TERM)
			30	EA DRUMS
			15	EA CONES
			128	LF BARRICADES (TYPE III)
			1,680	HR FLAGGER
			2	EA TEMPORARY CRASH CUSHIONS
			2	EA RESET TEMPORARY CRASH CUSHIONS
			1	EA TMIA
			720	LF PORTABLE CONCRETE BARRIER
			240	LF PORTABLE CONCRETE BARRIER (DRAINAGE)
			225	LF RESET PORTABLE CONCRETE BARRIER
			75	LF RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
			30	EA SKINNY DRUM
			17	EA TEMPORARY RAISED PAVEMENT MARKERS
			2,272	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			2,272	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			756	LF COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
			756	LF COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			9,088	LF PAINT PAVEMENT MARKING LINES (4")
			17	EA PERMANENT RAISED PAVEMENT MARKERS
			1,200	LF TEMPORARY SILT FENCE
			150	TON STONE FOR EROSION CONTROL, CLASS A
			90	TON STONE FOR EROSION CONTROL, CLASS B
			340	TON SEDIMENT CONTROL STONE
			4	ACR TEMPORARY MULCHING
			150	LB SEED FOR TEMPORARY SEEDING
			0.5	TON FERTILIZER FOR TEMPORARY SEEDING
			1,700	LF SAFETY FENCE
			320	CY SILT EXCAVATION
			775	SY MATTING FOR EROSION CONTROL
			10	SY COIR FIBER MAT
			2,770	SY PERMANENT SOIL REINFORCEMENT MAT
			120	LF 1/4" HARDWARE CLOTH
			3,800	SY FLOATING TURBIDITY CURTAIN
			12	EA SPECIAL STILLING BASINS
			130	LF COIR FIBER BAFFLES
			1	EA *** SKIMMER (2")
			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
			4.5	HR SPECIALIZED HAND MOWING
			8	EA RESPONSE FOR EROSION CONTROL
			0.1	ACR REFORESTATION
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+96.50)		
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING		
	200	CY UNDERCUT EXCAVATION		
Lump Sum	LS	GRADING		
	100	TON CLASS IV SUBGRADE STABILIZATION		
	6,500	CY BORROW EXCAVATION		
	100	CY SELECT GRANULAR MATERIAL		
	100	SY FABRIC FOR SOIL STABILIZATION		
	418	SF TEMPORARY SHORING		
	1,850	TON GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI		
	4,450	TON GENERIC GRADING ITEM SELECT MATERIAL, CLASS VII		
	35	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS		
	328	LF 15" RC PIPE CULVERTS, CLASS III		
	25	TON INCIDENTAL STONE BASE		
	130	SY INCIDENTAL MILLING		
	790	TON ASPHALT CONC BASE COURSE, TYPE B25.0B		
	860	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
	660	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
	10	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		
	115	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
	25	TON ASPHALT PLANT MIX, PAVEMENT REPAIR		
	5	EA RIGHT OF WAY MARKERS		
	45	CY SUBDRAIN EXCAVATION		
	34	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)		
	5	EA MASONRY DRAINAGE STRUCTURES		
	1	EA FRAME WITH GRATE, STD 840.24		
	4	EA FRAME WITH GRATE, STD 840.29		
	250	LF SHOULDER BERM GUTTER		
	1	EA MODIFIED CONCRETE FLUME		
	170	LF CONCRETE EXPRESSWAY GUTTER		
	1,712.5	LF STEEL BM GUARDRAIL		
	5	EA ADDITIONAL GUARDRAIL POSTS		
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III		
	6	EA GUARDRAIL ANCHOR UNITS, TYPE 350		
	1,680	LF REMOVE EXISTING GUARDRAIL		
	1,350	TON RIP RAP, CLASS II		
	10	TON RIP RAP, CLASS B		
	3,630	SY FILTER FABRIC FOR DRAINAGE		
	1	EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON		
	15.3	SF CONTRACTOR FURNISHED, TYPE *** SIGN (D)		
	15	SF CONTRACTOR FURNISHED, TYPE *** SIGN (E)		
	132	LF SUPPORTS, 3-LB STEEL U-CHANNEL		
	2	EA SIGN ERECTION, TYPE D		
	3	EA SIGN ERECTION, TYPE E		
	2	EA SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)		

## STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+96.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+96.50-L-)
14	LF	PILE EXCAVATION IN SOIL
16	LF	PILE EXCAVATION NOT IN SOIL
101.4	LF	3'-0" DIA DRILLED PIERS IN SO IL
42	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
107.2	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
6,824	SF	REINFORCED CONCRETE DECK SLAB
7,221	SF	GROOVING BRIDGE FLOORS
102.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+96.50-L-)
23,638	LB	REINFORCING STEEL (BRIDGE)
2,688	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
917.26	LF	36" PRESTRESSED CONCRETE GIR- DERS
240	LF	HP12X53 STEEL PILES
5	EA	STEEL PILE POINTS
357.89	LF	TWO BAR METAL RAIL
373.06	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
112	TON	RIP RAP CLASS II (2'-0" THICK)
124	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

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

L070918 007

CONTRACT ID : C201751 39995.3.GV1

DIV OFFICE FAYETTEVILLE

LENGTH = 14.000 MI

COUNTY : ROBESON

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

DBE GOAL 5.0% COMPLETION DATE : JUN 01 2009

I-95 FROM THE SOUTH CAROLINA STATE LINE AT MP-0 TO SOUTH OF NC-711 AT MP-16.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM PAVEMENT GUARANTEE
62.7	SMI	SHOULDER RECONSTRUCTION
118,272	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
60,661	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (2" TO 4")
25,758	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
73,229	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5D
1,416	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
3,515	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
50	TON	PATCHING EXISTING PAVEMENT
295,680	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
116	SF	WORK ZONE SIGNS (STATIONARY)
208	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW PANELS, TYPE C
6	EA	CHANGEABLE MESSAGE SIGN
400	EA	DRUMS
4	EA	TMA
368,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
40,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
10,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
70	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
408,000	LF	PAINT PAVEMENT MARKING LINES (6")
9,000	LF	PAINT PAVEMENT MARKING LINES (12")
4,325	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
76	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070918 008

CONTRACT ID : C201588 38727.3.GV1

DIV OFFICE GREENSBORO

LENGTH = 8.850 MI

COUNTY : GUILFORD

MILLING, & RESURFACING.

DBE GOAL 6.0% COMPLETION DATE : JUN 15 2009

I-40/85 FROM I-85 BYPASS TO SR-4121 (HIGH POINT ROAD).

ROADWAY ITEMS

			262	EA	GENERIC TRAFFIC CONTROL ITEM REPLACE EXISTING BARRIER DELINEATOR
Lump Sum	LS	MOBILIZATION			
67,243	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	50	LF	PORTABLE LIGHTING UNPAVED TRENCHING (***** (1, 2")
616,844	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	2	EA	JUNCTION BOX (***** (STANDARD)
4,888	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	8,076	LF	INDUCTIVE LOOP SAWCUT
6,319	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	50	LF	LEAD-IN CABLE (***** (18-2)
1,844	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4-1/2")	50	LF	LEAD-IN CABLE (***** (18-4)
994	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0D			
19,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
57,287	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D			
1,158	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
46	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
3,169	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22			
178,101	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)			
50	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF GRATES &/OR FRAMES ON DROP INLETS			
20	EA	GENERIC DRAINAGE ITEM REPAIR OF DROP INLETS			
50	LF	2'-6" CONCRETE CURB & GUTTER			
1	EA	ADJUSTMENT OF MANHOLES			
4,696	SF	WORK ZONE SIGNS (STATIONARY)			
1,716	SF	WORK ZONE SIGNS (PORTABLE)			
302	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
6	EA	FLASHING ARROW PANELS, TYPE C			
4	EA	CHANGEABLE MESSAGE SIGN			
940	EA	DRUMS			
600	LF	BARRICADES (TYPE III)			
4	EA	TMIA			
264	DAY	GENERIC TRAFFIC CONTROL ITEM CHANGEABLE MESSAGE SIGNS (SHORT TERM) (22 EA)			
216	DAY	GENERIC TRAFFIC CONTROL ITEM FLASHING ARROW PANELS, TYPE C (SHORT TERM) (18 EA)			
242,963	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
55,354	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
170	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
25,914	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
68	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)			
247	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
64	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
139	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
620,233	LF	PAINT PAVEMENT MARKING LINES (6")			
47,313	LF	PAINT PAVEMENT MARKING LINES (12")			
494	LF	PAINT PAVEMENT MARKING LINES (24")			
128	EA	PAINT PAVEMENT MARKING CHARAC- TER			
268	EA	PAINT PAVEMENT MARKING SYMBOL			
4,237	EA	SNOWPLOWABLE PAVEMENT MARKERS			



**STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID**

**L070918 009**

**CONTRACT ID : C201884 SICCB2007**

**DIV OFFICE GREENSBORO**

**LENGTH = 0.000 MI**

**COUNTY : GUILFORD**

**FULLY OPERATED RENTAL EQUIPMENT FOR SNOW & ICE CONTROL.**

**MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : OCT 31 2008**

**GUILFORD COUNTY.**

**ROADWAY ITEMS**

17 EA GENERIC MISCELLANEOUS ITEM  
OUTFITTING FEE

**STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID**

**L070918 010**

**CONTRACT ID : C201885 SICSR2007**

**DIV OFFICE GREENSBORO**

**LENGTH = 0.000 MI**

**COUNTY : GUILFORD**

**FULLY OPERATED RENTAL EQUIPMENT FOR SNOW & ICE CONTROL.**

**MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : OCT 31 2008**

**GUILFORD COUNTY.**

**ROADWAY ITEMS**

26 EA GENERIC MISCELLANEOUS ITEM  
OUTFITTING FEE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070918 011

CONTRACT ID : C201680 33586.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.178 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEP 15 2008

BRIDGE OVER HASKETTS CREEK AND APPROACHES ON SR-1504 IN ASHEBORO.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+59.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
550	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
200	TON	CLASS IV SUBGRADE STABILIZA- TION
3,950	CY	BORROW EXCAVATION
260	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
85	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
84	LF	18" SIDE DRAIN PIPE
20	LF	15" RC PIPE CULVERTS, CLASS III
4	LF	18" RC PIPE CULVERTS, CLASS III
100	LF	24" RC PIPE CULVERTS, CLASS III
12	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 (15", 0.064")
158	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
1,925	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
375	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
137	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
16	EA	RIGHT OF WAY MARKERS
1	CY	PIPE COLLARS
0.5	CY	PIPE PLUGS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
25	LF	SHOULDER BERM GUTTER
70	SY	6" CONCRETE DRIVEWAY
1	EA	GENERIC DRAINAGE ITEM ADJUST EXT JUNCTION BOX WITH MANHOLE
150	LF	STEEL BM GUARDRAIL
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
10	TON	RIP RAP, CLASS B
296	SY	FILTER FABRIC FOR DRAINAGE
431	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (PORTABLE)
70	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	CONES
80	LF	BARRICADES (TYPE III)
90	MD	FLAGGER
9,080	LF	PAINT PAVEMENT MARKING LINES (4")
69	LF	PAINT PAVEMENT MARKING LINES (24")
1,050	LF	6" WATER LINE
67	LF	8" WATER LINE
1	EA	6" VALVE
1	EA	8" VALVE

3	EA	RECONNECT WATER METER
1	EA	FIRE HYDRANT
107	LF	8" SANITARY GRAVITY SEWER
85	LF	18" SANITARY GRAVITY SEWER
2	EA	4' DIA UTILITY MANHOLE
1,056	LF	ABANDON 6" UTILITY PIPE
240	LF	ABANDON 8" UTILITY PIPE
85	LF	ABANDON 18" UTILITY PIPE
1	EA	ABANDON UTILITY MANHOLE
1	EA	REMOVE UTILITY MANHOLE
40	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL
925	LF	TEMPORARY SILT FENCE
205	TON	STONE FOR EROSION CONTROL, CLASS A
230	TON	STONE FOR EROSION CONTROL, CLASS B
135	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
250	LF	SAFETY FENCE
1,340	CY	SILT EXCAVATION
530	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
770	SY	PERMANENT SOIL REINFORCEMENT MAT
270	LF	COIR FIBER BAFFLES
3	EA	*** SKIMMER (1-1/2")
2	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
1.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+59.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (19+59.00 -L-)
3,732	SF	REINFORCED CONCRETE DECK SLAB
5,047	SF	GROOVING BRIDGE FLOORS
38.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+59.00 -L-)
5,496	LB	REINFORCING STEEL (BRIDGE)
104,000	LS	APPROX ..... LBS STRUCTURAL STEEL
315	LF	HP12X53 STEEL PILES
161.67	LF	ONE BAR METAL RAIL
176.67	LF	1'-***X ***** CONCRETE PARA- PET (1'-0" X 1'-6")
280	TON	RIP RAP CLASS II (2'-0" THICK)
310	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070918 012

CONTRACT ID : C201861 38067

DIV OFFICE ABERDEEN

LENGTH = 0.510 MI

COUNTY : MOORE

GRADING, DRAINAGE, PAVING & SIGNAL

MBE GOAL 5.0% WBE 7.0% COMPLETION DATE : AUG 31 2008

ROUNDBOUT AT INTERSECTION OF NC-2 & CAROLINA VISTA, SIGNAL UPGRADE & TURN LANES AT THE INTERSECTION OF NC-5 & NC-2.

		ROADWAY ITEMS			
				145	EA PERMANENT RAISED PAVEMENT MARKERS
				2,800	LF TEMPORARY SILT FENCE
Lump Sum	LS	MOBILIZATION		25	TON STONE FOR EROSION CONTROL, CLASS A
64	EA	SELECT TREE REMOVAL		40	TON STONE FOR EROSION CONTROL, CLASS B
Lump Sum	LS	GRADING		155	TON SEDIMENT CONTROL STONE
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		1.5	ACR TEMPORARY MULCHING
170	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		720	LF 1/4" HARDWARE CLOTH
598	LF	15" RC PIPE CULVERTS, CLASS III		1.65	ACR SEEDING & MULCHING
858	LF	18" RC PIPE CULVERTS, CLASS III		0.4	ACR GENERIC EROSION CONTROL ITEM TOP SOIL - STOCKPILED & REAPPLIED
84	LF	24" RC PIPE CULVERTS, CLASS III		110	CY GENERIC EROSION CONTROL ITEM TOPSOIL - FURNISHED
1	EA	*** PIPE END SECTION (15")		118	EA GENERIC PLANTING ITEM HEMEROCALLIS 'MARY TODD'
213	LF	PIPE REMOVAL		874	EA GENERIC PLANTING ITEM MULCH - PINE STRAW BALES
100	TON	INCIDENTAL STONE BASE		2	EA GENERIC PLANTING ITEM RELOCATION OF POST TOP LIGHTS
200	SY	INCIDENTAL MILLING		17	CY MULCH FOR PLANTING
910	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		1	M/G WATER FOR PLANTING
975	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		46	SY POSTEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
1,360	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		46	SY PREEMERGENT HERBICIDAL TREATMENT FOR PLANT BEDS
170	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		Lump Sum	LS GENERIC PLANTING ITEM (LS) IRRIGATION SYSTEM
40	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		1,916	SY GENERIC PLANTING ITEM SOD (BERMUDA - TIFWAY 419)
13	EA	RIGHT OF WAY MARKERS		465	SY GENERIC PLANTING ITEM SOD (FESCUE)
0.45	CY	PIPE COLLARS		1,523	SF GENERIC PLANTING ITEM BRICK SIDEWALK
28	EA	MASONRY DRAINAGE STRUCTURES		13	M/G GENERIC PLANTING ITEM WATER FOR SOD
43.69	LF	MASONRY DRAINAGE STRUCTURES		5,080	LF GENERIC PLANTING ITEM TREE PROTECTION FENCE
3	EA	FRAME WITH TWO GRATES, STD 840.16		750	LF SIGNAL CABLE
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		1,920	LF UNPAVED TRENCHING (*****) (1 CONDUIT, 2")
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		255	LF DIRECTIONAL DRILL (*****) (2 CONDUITS, 2")
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		8	EA JUNCTION BOX (STANDARD SIZE)
5	EA	FRAME WITH COVER, STD 840.54		970	LF INDUCTIVE LOOP SAWCUT
215	LF	1'-6" CONCRETE CURB & GUTTER		1,480	LF LEAD-IN CABLE (*****) (18-2 PAIR)
315	LF	2'-6" CONCRETE CURB & GUTTER		2	EA METAL POLE WITH DUAL MAST ARM
12	EA	CONCRETE WHEELCHAIR RAMPS		2	EA SOIL TEST
40	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)		16	CY DRILLED PIER FOUNDATION
205	SY	GENERIC PAVING ITEM 7" CONCRETE TRUCK APRON		2	EA MAST ARM WITH METAL POLE DESIGN
4,765	LF	GENERIC PAVING ITEM 1'-6" CONCRETE CURB & GUTTER (SPECIAL)		8	EA GENERIC SIGNAL ITEM VEHICLE SIGNAL HEAD INSTALLATION
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		10	TON RIP RAP, CLASS B
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX		28	SY FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL			
2,740	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
6,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
215	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
59	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
500	LF	PAINT PAVEMENT MARKING LINES (4")			
50	LF	PAINT PAVEMENT MARKING LINES (24")			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070918 013

CONTRACT ID : C201303 33185.3.GV1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.609 MI

COUNTY : DAVIE

GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 01 2009

BRIDGE OVER I-40 AND APPROACHES ON NC-801.

ROADWAY ITEMS					
			3.4	CY	ENDWALLS
			2.1	CY	PIPE COLLARS
			0.6	CY	PIPE PLUGS
			6.1	CY	FLOWABLE FILL
Lump Sum	LS	MOBILIZATION	57	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CONSTRUCTION SURVEYING	32.09	LF	MASONRY DRAINAGE STRUCTURES
50	TON	GENERIC MISCELLANEOUS ITEM EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOIL	1	EA	FRAME WITH TWO GRATES, STD 840.16
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	6	EA	FRAME WITH TWO GRATES, STD 840.22
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	7	EA	FRAME WITH TWO GRATES, STD 840.24
18,000	CY	UNCLASSIFIED EXCAVATION	1	EA	FRAME WITH TWO GRATES, STD 840.29
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (32+18.000)	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2,166	CY	UNDERCUT EXCAVATION	11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
1,000	TON	CLASS IV SUBGRADE STABILIZATION	10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
132,400	CY	BORROW EXCAVATION	9	EA	FRAME WITH COVER, STD 840.54
2,340	CY	DRAINAGE DITCH EXCAVATION	2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
290	LF	BERM DITCH CONSTRUCTION	2,200	LF	1'-6" CONCRETE CURB & GUTTER
8,000	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	4,500	LF	2'-6" CONCRETE CURB & GUTTER
2,350	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	1,300	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
5,100	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	3	EA	ADJUSTMENT OF DROP INLETS
2,000	CY	SELECT GRANULAR MATERIAL	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
2,000	SY	FABRIC FOR SOIL STABILIZATION	1	EA	IMPACT ATTENUATOR UNIT, TYPE 350
2,994	SF	TEMPORARY SHORING	2,600	LF	STEEL BM GUARDRAIL
540	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	50	LF	STEEL BM GUARDRAIL, SHOP CURVED
200	LF	30" RC PIPE CULVERTS, CLASS III	137.5	LF	STEEL BM GUARDRAIL, DOUBLE FACED
320	LF	36" RC PIPE CULVERTS, CLASS III	5	EA	ADDITIONAL GUARDRAIL POSTS
524	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
52	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
8	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
248	LF	*** WELDED STEEL PIPE IN SOIL (15")	3,665	LF	REMOVE EXISTING GUARDRAIL
1,128	LF	PIPE REMOVAL	375	LF	TEMPORARY STEEL BM GUARDRAIL
Lump Sum	LS	FINE GRADING	50	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
100	TON	INCIDENTAL STONE BASE	225	LF	TEMPORARY STEEL BM GUARDRAIL, DOUBLE FACED
10,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)
2,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
7,500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-83)
700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
7,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	3,800	LF	CHAIN LINK FENCE, 48" FABRIC
700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,030	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
530	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	40	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
1,362	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	30	LF	ADDITIONAL BARBED WIRE
42	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	255	TON	RIP RAP, CLASS I
30	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	758	TON	RIP RAP, CLASS B
48	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	3,324	SY	FILTER FABRIC FOR DRAINAGE
2,940	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	4	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
50	EA	RIGHT OF WAY MARKERS	21.94	CY	OVERHEAD FOOTING
448	CY	SUBDRAIN EXCAVATION	3,611	LB	SUPPORTS, BREAKAWAY STEEL BEAM
336	CY	SUBDRAIN FINE AGGREGATE	1,317	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2,000	LF	6" PERFORATED SUBDRAIN PIPE	1	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
60	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	75	LF	SUPPORTS, WOOD
4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
24	LF	6" OUTLET PIPE (SUBDRAINS)			

			870	LF	PAINT PAVEMENT MARKING LINES (24")
			80	EA	PAINT PAVEMENT MARKING CHARACTER
			110	EA	PAINT PAVEMENT MARKING SYMBOL
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (37+00 -Y2-WBL)	12,461	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (44+50 -Y2-WBL)	1,026	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
6	EA	SIGN ERECTION, TYPE D	186	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
25	EA	SIGN ERECTION, TYPE E	34	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
12	EA	SIGN ERECTION, TYPE F	487	EA	SNOWPLOWABLE PAVEMENT MARKERS
5	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	Lump Sum	LS	PORTABLE LIGHTING
2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)	1,102	LF	8" WATER LINE
5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	120	LF	12" WATER LINE
1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	2	EA	8" VALVE
1	EA	SIGN ERECTION, MILEMARKERS	7	EA	RELOCATE WATER METER
3	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	1	EA	RELOCATE FIRE HYDRANT
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	1,200	LF	ABANDON 8" UTILITY PIPE
8	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	3,500	LF	TEMPORARY SILT FENCE
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (F)	440	TON	STONE FOR EROSION CONTROL, CLASS A
7	EA	SIGN ERECTION, LOGO TO PANEL	1,030	TON	STONE FOR EROSION CONTROL, CLASS B
4	EA	DISPOSAL OF SUPPORT, STEEL BEAM	775	TON	SEDIMENT CONTROL STONE
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	17.5	ACR	TEMPORARY MULCHING
71	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	650	LB	SEED FOR TEMPORARY SEEDING
3	EA	DISPOSAL OF SIGN SYSTEM, WOOD	2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	DISPOSAL OF SUPPORT, U-CHANNEL	350	LF	TEMPORARY SLOPE DRAINS
1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
617	SF	WORK ZONE SIGNS (STATIONARY)	7,700	CY	SILT EXCAVATION
1,196	SF	WORK ZONE SIGNS (PORTABLE)	5,500	SY	MATTING FOR EROSION CONTROL
224	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	50	SY	COIR FIBER MAT
4	EA	FLASHING ARROW PANELS, TYPE C	750	SY	PERMANENT SOIL REINFORCEMENT MAT
6	EA	CHANGEABLE MESSAGE SIGN	1,250	LF	1/4" HARDWARE CLOTH
331	EA	DRUMS	760	LF	COIR FIBER BAFFLES
100	EA	CONES	1	EA	*** SKIMMER (1-1/2")
160	LF	BARRICADES (TYPE III)	3	EA	*** SKIMMER (2-1/2")
3,200	HR	FLAGGER	1	EA	*** SKIMMER (4")
2	EA	TEMPORARY CRASH CUSHIONS	1	EA	*** SKIMMER (5")
2	EA	RESET TEMPORARY CRASH CUSHIONS	25.5	ACR	SEEDING & MULCHING
4	EA	TMA	10.5	ACR	MOWING
470	LF	PORTABLE CONCRETE BARRIER	150	LB	SEED FOR REPAIR SEEDING
1,280	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	0.5	TON	FERTILIZER FOR REPAIR SEEDING
460	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)	425	LB	SEED FOR SUPPLEMENTAL SEEDING
470	LF	RESET PORTABLE CONCRETE BARRIER	19	TON	FERTILIZER TOPDRESSING
800	HR	POLICE	2	HR	SPECIALIZED HAND MOWING
325	EA	TEMPORARY RAISED PAVEMENT MARKERS	18	EA	RESPONSE FOR EROSION CONTROL
14,928	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	5,580	LF	SIGNAL CABLE
5,811	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	40	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1,776	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	17	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	2,263	LF	MESSENGER CABLE (1/4")
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	1,330	LF	MESSENGER CABLE (3/8")
76	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	490	LF	TRACER WIRE
468	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)	1,920	LF	UNPAVED TRENCHING (***** (1, 1"))
936	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	490	LF	DIRECTIONAL DRILL (***** (1, 2"))
7	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)	21	EA	JUNCTION BOX (STANDARD SIZE)
49,425	LF	PAINT PAVEMENT MARKING LINES (4")	6	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
5,936	LF	PAINT PAVEMENT MARKING LINES (8")	14	EA	WOOD POLE
			37	EA	GUY ASSEMBLY
			5	EA	1" RISER WITH WEATHERHEAD
			16	EA	2" RISER WITH WEATHERHEAD
			3	EA	2" RISER WITH HEAT SHRINK TUBING
			5,765	LF	INDUCTIVE LOOP SAWCUT
			6,930	LF	LEAD-IN CABLE (***** (18-2))
			805	LF	LEAD-IN CABLE (***** (18-4))
			3,300	LF	COMMUNICATIONS CABLE (**FIBER) (12)
			4	EA	INTERCONNECT CENTER
			4	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
			6	EA	DELINEATOR MARKER
			1	EA	FURNISH FIBER-OPTIC RESTORATION KIT
			1	EA	FURNISH FIBER-OPTIC TRANSCEIVER

			1,833	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
			1,046,847	LS	APPROX ..... LBS STRUCTURAL STEEL
3	EA	900MHZ WIRELESS RADIO SYSTEM	9,040	LF	HP12X53 STEEL PILES
2,400	LF	REMOVE EXISTING COMMUNICATIONS CABLE	447.88	LF	THREE BAR METAL RAIL
16	EA	METAL STRAIN SIGNAL POLE	1,181	SY	4" SLOPE PROTECTION
16	EA	SOIL TEST	Lump Sum	LS	POT BEARINGS
96	CY	DRILLED PIER FOUNDATION	Lump Sum	LS	ELASTOMERIC BEARINGS
11	EA	SIGN FOR SIGNALS	Lump Sum	LS	EVAZOTE JOINT SEALS
3	EA	SIGNAL CABINET FOUNDATION			
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)			
16	EA	DETECTOR CARD (TYPE 2070L)			
3	EA	CABINET BASE EXTENDER			
1	EA	TRAFFIC SIGNAL REMOVAL			
1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS LIGHTNING ARRESTOR			
1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM			

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

1,768	LF	15" RC PIPE CULVERTS, CLASS III			
944	LF	18" RC PIPE CULVERTS, CLASS III			
1,192	LF	24" RC PIPE CULVERTS, CLASS III			
		*** OR ***			
1,488	LF	15" RC PIPE CULVERTS, CLASS III			
836	LF	18" RC PIPE CULVERTS, CLASS III			
812	LF	24" RC PIPE CULVERTS, CLASS III			
280	LF	****" HDPE PIPE CULVERTS (15")			
108	LF	****" HDPE PIPE CULVERTS (18")			
380	LF	****" HDPE PIPE CULVERTS (24")			
		*** OR ***			
1,488	LF	15" RC PIPE CULVERTS, CLASS III			
836	LF	18" RC PIPE CULVERTS, CLASS III			
812	LF	24" RC PIPE CULVERTS, CLASS III			
280	LF	****" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (15", 0.064")			
108	LF	****" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (18", 0.064")			
380	LF	****" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (24", 0.064")			

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

**WALL ITEMS**

969	SF	GRAVITY RETAINING WALLS
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**STRUCTURE ITEMS**

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+25.27 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (32+25.27 -L-)
1,530	CY	UNCLASSIFIED STRUCTURE EXCAVATION
24,500	SF	REINFORCED CONCRETE DECK SLAB
24,719	SF	GROOVING BRIDGE FLOORS
333.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (32+25.27 -L-)
46,464	LB	REINFORCING STEEL (BRIDGE)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070918 014

CONTRACT ID : C201224 33598.3.2

DIV OFFICE WINSTON-SALEM

LENGTH = 0.348 MI

COUNTY : DAVIE, ROWAN

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : JUN 01 2009

BRIDGE OVER SOUTH YADKIN RIVER AND APPROACHES ON NC-801.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+00.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
1,250	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
30	TON	CLASS IV SUBGRADE STABILIZA- TION
23,375	CY	BORROW EXCAVATION
2,720	CY	DRAINAGE DITCH EXCAVATION
1,000	CY	SELECT GRANULAR MATERIAL
1,000	SY	FABRIC FOR SOIL STABILIZATION
550	SY	GENERIC GRADING ITEM ROCK PLATING
50	TON	GENERIC GRADING ITEM DISPOSAL OF CONTAMINATED SOIL
47	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
40	LF	18" SIDE DRAIN PIPE
104	LF	15" RC PIPE CULVERTS, CLASS III
20	LF	18" RC PIPE CULVERTS, CLASS III
250	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
105	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
757	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
462	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,050	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
118	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
12	EA	RIGHT OF WAY MARKERS
0.45	CY	PIPE COLLARS
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
401	LF	SHOULDER BERM GUTTER
1	EA	ADJUSTMENT OF MANHOLES
1,775	LF	STEEL BM GUARDRAIL
75	LF	STEEL BM GUARDRAIL, SHOP CURVED
3	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
1,876	LF	REMOVE EXISTING GUARDRAIL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
110	TON	RIP RAP, CLASS II
5	TON	RIP RAP, CLASS B
945	SY	FILTER FABRIC FOR DRAINAGE
52	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
25	EA	DRUMS
32	EA	CONES
375	LF	BARRICADES (TYPE III)
140	HR	FLAGGER
46	EA	TEMPORARY RAISED PAVEMENT MARKERS

2,880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,600	LF	EPOXY PAVEMENT MARKING LINES (4")
7,360	LF	PAINT PAVEMENT MARKING LINES (4")
10	EA	PERMANENT RAISED PAVEMENT MARKERS
36	EA	SNOWPLOWABLE PAVEMENT MARKERS
4	EA	RELOCATE WATER METER
1	EA	RELOCATE FIRE HYDRANT
4	EA	SANITARY SEWER CLEAN-OUT
1,200	LF	TEMPORARY SILT FENCE
100	TON	STONE FOR EROSION CONTROL, CLASS A
500	TON	STONE FOR EROSION CONTROL, CLASS B
450	TON	SEDIMENT CONTROL STONE
3.5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
335	LF	TEMPORARY SLOPE DRAINS
7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
750	LF	SAFETY FENCE
1,210	CY	SILT EXCAVATION
1,270	SY	MATTING FOR EROSION CONTROL
100	LF	1/4" HARDWARE CLOTH
60	LF	*** TEMPORARY PIPE (18")
150	SY	FLOATING TURBIDITY CURTAIN
40	CY	STILLING BASINS
12	EA	SPECIAL STILLING BASINS
350	LF	COIR FIBER BAFFLES
3.5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
45	LF	IMPERVIOUS DIKE
4.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
1.35	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (26+26.72-L-)
13	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
38.5	CY	CLASS A CONCRETE (CULVERT)
4,202	LB	REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (21+00.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+00.00-L-)
155.59	LF	4'-0" DIA DRILLED PIERS IN SO IL
81	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
66.7	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
4	EA	SID INSPECTION



1	EA	SPT TESTING
3	EA	CROSSHOLE SONIC LOGGING
14,081	SF	REINFORCED CONCRETE DECK SLAB
12,977	SF	GROOVING BRIDGE FLOORS
198.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+00.00-L-)
57,447	LB	REINFORCING STEEL (BRIDGE)
10,230	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,579.43	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
945	LF	HP12X53 STEEL PILES
798.94	LF	CONCRETE BARRIER RAIL
885	TON	RIP RAP CLASS II (2'-0" THICK)
985	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070918 015

CONTRACT ID : C201824 41142.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.440 MI

COUNTY : ANSON

GRADING, DRAINAGE, PAVING &amp; CURB AND GUTTER.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : SEP 15 2008

US-74 FROM 300' NORTH OF GRAHAM STREET TO NC-109 IN WADESBORO.

ROADWAY ITEMS					
			1	EA	ADJUSTMENT OF CATCH BASINS
			7	EA	ADJUSTMENT OF MANHOLES
			7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	MOBILIZATION	1,084	SF	WORK ZONE SIGNS (STATIONARY)
1,000	TON	GENERIC MISCELLANEOUS ITEM EXCAVATION, HAULING, & DISPOSAL OF CONTAMINATED SOIL	96	SF	WORK ZONE SIGNS (PORTABLE)
			114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	2	EA	FLASHING ARROW PANELS, TYPE C
450	CY	UNCLASSIFIED EXCAVATION	2	EA	CHANGEABLE MESSAGE SIGN
1,000	CY	BORROW EXCAVATION	114	EA	DRUMS
1,420	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	128	LF	BARRICADES (TYPE III)
			240	HR	FLAGGER
310	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	2	EA	TMIA
			1,180	LF	WATER FILLED BARRIER
104	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1,100	LF	RESET WATER FILLED BARRIER
			160	HR	POLICE
573	LF	15" RC PIPE CULVERTS, CLASS III	30	EA	SKINNY DRUM
			88	EA	TEMPORARY RAISED PAVEMENT MARKERS
330	LF	18" RC PIPE CULVERTS, CLASS III	1,430	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			3,176	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
70	LF	24" RC PIPE CULVERTS, CLASS III	146	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			978	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	PIPE REMOVAL	218	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS	FINE GRADING	30	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
94	TON	AGGREGATE BASE COURSE	1,750	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (I)
150	TON	INCIDENTAL STONE BASE	38,568	LF	PAINT PAVEMENT MARKING LINES (4")
8,100	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	860	LF	PAINT PAVEMENT MARKING LINES (8")
			490	LF	PAINT PAVEMENT MARKING LINES (24")
200	SY	INCIDENTAL MILLING	80	EA	PAINT PAVEMENT MARKING SYMBOL
3,530	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	3,853	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			80	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
1,515	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	240	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			20	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1,990	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	132	EA	PERMANENT RAISED PAVEMENT MARKERS
			Lump Sum	LS	PORTABLE LIGHTING
100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)	500	LF	TEMPORARY SILT FENCE
			50	TON	STONE FOR EROSION CONTROL, CLASS B
224	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	40	TON	SEDIMENT CONTROL STONE
			40	CY	SILT EXCAVATION
120	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	325	LF	1/4" HARDWARE CLOTH
			1	ACR	SEEDING & MULCHING
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
224	CY	SUBDRAIN EXCAVATION			
168	CY	SUBDRAIN FINE AGGREGATE			
1,000	LF	6" PERFORATED SUBDRAIN PIPE			
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
12	LF	6" OUTLET PIPE (SUBDRAINS)			
1	CY	PIPE COLLARS			
1	CY	PIPE PLUGS			
26	EA	MASONRY DRAINAGE STRUCTURES			
19	LF	MASONRY DRAINAGE STRUCTURES			
7	EA	FRAME WITH TWO GRATES, STD 840.16			
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
4	EA	FRAME WITH COVER, STD 840.54			
3	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
180	LF	***X *** CONCRETE CURB (8" X 18")			
970	LF	1'-6" CONCRETE CURB & GUTTER			
2,250	LF	2'-6" CONCRETE CURB & GUTTER			
250	LF	CONCRETE EXPRESSWAY GUTTER			
1,070	SY	4" CONCRETE SIDEWALK			
12	EA	CONCRETE WHEELCHAIR RAMPS			
240	SY	6" CONCRETE DRIVEWAY			
210	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070918 016

CONTRACT ID : C201514 40192.3.1

DIV OFFICE SYLVA

LENGTH = 0.365 MI

COUNTY : JACKSON, SWAIN

SLOPE STABILIZATION, PAVING, GRADING & RETAINING WALLS.

MBE GOAL 1.0% WBE 2.0% COMPLETION DATE : SEP 15 2009

US-19 FROM 0.039 MILES WEST OF INTERSECTION OF WHITEWATER DR TO 0.042 MILES EAST OF  
CAMPGROUND DR.

ROADWAY ITEMS					
			3	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			3,434	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	MOBILIZATION	66	LF	PAINT PAVEMENT MARKING LINES (24")
Lump Sum	LS	CONSTRUCTION SURVEYING	7	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	7	EA	LIGHT STANDARD, TYPE MISC *****
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			(SA, 35', 12')
147,000	CY	UNCLASSIFIED EXCAVATION	4	EA	LIGHT STANDARD, TYPE MISC *****
16	CY	UNDERCUT EXCAVATION			(SA, 35', 8')
5,179	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	11	EA	STANDARD FOUNDATION ***** (R1)
67	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	11	EA	LIGHT STANDARD LUMINAIRES, TYPE *****
239	LF	PIPE REMOVAL			(TYPE RDW 250W HPS)
Lump Sum	LS	FINE GRADING	1,250	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")
3,570	TON	AGGREGATE BASE COURSE	2	EA	GENERIC LIGHTING ITEM CONNECTION TO DPC ELECTRICAL SERVICE
100	TON	INCIDENTAL STONE BASE	6	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD
2,169	GAL	PRIME COAT	6	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD FOUNDATION
4,264	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	976	LF	ABANDON 8" UTILITY PIPE
1,060	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	5	EA	ABANDON UTILITY MANHOLE
1,840	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1,325	LF	TEMPORARY SILT FENCE
165	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	0.5	TON	STONE FOR EROSION CONTROL, CLASS B
0.05	CY	PIPE PLUGS	15.92	TON	SEDIMENT CONTROL STONE
16	CY	FLOWABLE FILL	205	LF	1/4" HARDWARE CLOTH
8	EA	MASONRY DRAINAGE STRUCTURES	1.6	ACR	SEEDING & MULCHING
1	EA	FRAME WITH GRATE, STD 840.22	50	LB	SEED FOR REPAIR SEEDING
2	EA	FRAME WITH TWO GRATES, STD 840.24	0.1	TON	FERTILIZER FOR REPAIR SEEDING
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	162	LF	INDUCTIVE LOOP SAWCUT
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	30	LF	LEAD-IN CABLE (***** (18-2))
2	EA	FRAME WITH COVER, STD 840.54	6	EA	METAL POLE FOUNDATION REMOVAL
2,102	LF	2'-6" CONCRETE CURB & GUTTER	6	EA	METAL POLE REMOVAL
820	SY	4" CONCRETE SIDEWALK	522	LF	PILE EXCAVATION IN SOIL
1	EA	CONCRETE WHEELCHAIR RAMPS	13	LF	PILE EXCAVATION NOT IN SOIL
3	EA	ADJUSTMENT OF CATCH BASINS	29.3	CY	CLASS A CONCRETE (RETAINING WALL)
1	EA	ADJUSTMENT OF MANHOLES	41,206	LB	REINFORCING STEEL (RETAINING WALL)
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	110,600	LS	APPROX ..... LBS STRUCTURAL STEEL
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	7,650	TON	RIP RAP, CLASS ** (II)
103.75	LF	STEEL BM GUARDRAIL	1,035	LF	GENERIC RETAINING WALL ITEM GROUND ANCHORS
5	EA	ADDITIONAL GUARDRAIL POSTS	1,204	LF	GENERIC RETAINING WALL ITEM HP12X53 GALVANIZED STEEL PILES (RETAINING WALL)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	1,710	LF	GENERIC RETAINING WALL ITEM TIE BACKS
240	LF	REMOVE & RESET EXISTING GUARDRAIL	770	LF	GENERIC RETAINING WALL ITEM W6X8.5 STEEL PILES
150	TON	#57 STONE BACKFILL	399.8	CY	GENERIC RETAINING WALL ITEM CLASS AA CONCRETE
28	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	48.3	CY	GENERIC RETAINING WALL ITEM DRILLED PIER CONCRETE ENCASEMENT
297.5	SF	WORK ZONE SIGNS (STATIONARY)	170.7	CY	GENERIC RETAINING WALL ITEM TREATED STRUCTURAL TIMBER
40	SF	WORK ZONE SIGNS (PORTABLE)			***** BEGIN SCHEDULE AA *****
93	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			***** (3 ALTERNATES) *****
2	EA	FLASHING ARROW PANELS, TYPE C			
2	EA	CHANGEABLE MESSAGE SIGN			
100	EA	DRUMS			
60	LF	BARRICADES (TYPE III)			
2	EA	TEMPORARY CRASH CUSHIONS			
1	EA	TMIA			
1,320	LF	PORTABLE CONCRETE BARRIER			
1,320	LF	RESET PORTABLE CONCRETE BARRIER			
7,179	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	417	LF	12" RC PIPE CULVERTS, CLASS III
779	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	215	LF	15" RC PIPE CULVERTS, CLASS III
66	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			*** OR ***

362 LF 12" RC PIPE CULVERTS, CLASS  
III  
205 LF 15" RC PIPE CULVERTS, CLASS  
III  
55 LF \*\*\*\*\* HDPE PIPE CULVERTS  
(12")  
10 LF \*\*\*\*\* HDPE PIPE CULVERTS  
(15")  
\*\*\* OR \*\*\*  
362 LF 12" RC PIPE CULVERTS, CLASS  
III  
205 LF 15" RC PIPE CULVERTS, CLASS  
III  
55 LF \*\*\*\*\* ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, \*\*\*\*\*  
THICK  
(12", 0.064")  
10 LF \*\*\*\*\* ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, \*\*\*\*\*  
THICK  
(15", 0.064")

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