

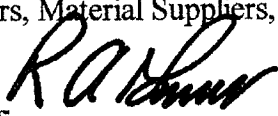
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

November 20, 2007

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

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

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

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

The Metric Specifications Book is a mirror image of the 2006 (English) Specifications Book, except for the conversion to metric units and dimensions. The 2006 Metric Standard Drawings is a mirror image of the 2006 (English) Standard Drawings, except that Standards 840.25 and 700.01 have been updated to match Details 840D25 and 700D01. The Specifications and Standards are available in .pdf on the Projects Services Website at: <http://www.ncdot.org/doh/preconstruct/ps/contracts/default.html>

The 2006 Metric Specifications and Standards are being printed within the Department and are available for purchase. Due to the small number of metric projects to be let over the next several years, a limited number will be printed. Therefore we ask that you review the attached list of projects and not order immediately if projects of interest to you are further out in the future. This will allow us to manage the printing demands much more efficiently. The 2006 Metric Standard Specifications for Roads and Structures and the 2006 Metric Roadway Standard Drawings are \$25.00 each plus 6.75% North Carolina sales tax. To request a copy, please contact Rick Montanez at 919-250-4014, or place your order electronically at the following Website:
<http://www.ncdot.org/doh/preconstruct/altern/value/manuals/puborder.html>

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

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

TELEPHONE: 919-250-4124
FAX: 919-250-4127
WEBSITE: WWW.NCDOT.ORG

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

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
R-2518A	13	MADISON	US 19 FROM MADISON CL TO SR 1336 IN YANCEY COUNTY	JULY 15, 2008
R-2518B	13	MADISON YANCEY	US 19 FROM I-26 IN MADISON CO. TO SR 1336 IN YANCEY CO.	JULY 15, 2008
R-2554BA	4	WAYNE	US 70 GOLDSBORO BYPASS	AUGUST 19, 2008
R-2206BA R-2206CA	12	LINCOLN	NC 16 FROM NC 73 TO SR1895 AT EXISTING NC 16 NORTH OF CHRONICLE IN CATAWBA COUNTY	AUGUST 19, 2008
R-2301A	2	CRAVEN JONES	US 17 (NEW BERN BYPASS) FROM US 17 SOUTH OF NEW BERN TO US 70	NOVEMBER 18, 2008
U-2519E X-0002B	6	CUMBERLAND ROBERSON	FAYETTEVILLE OUTER LOOP FROM WEST OF NC 24 TO 1.3 MILES EAST OF NC 87-210	NOVEMBER 18, 2008
X-0002C	6	CUMBERLAND	NC 24 EXTENSION (FAYETTEVILLE OUTER LOOP) FROM 1.3 MILES EAST OF NC 87-210 TO WEST OF US 401	NOVEMBER 18, 2008
U-2519DA	6	CUMBERLAND	FAYETTEVILLE OUTER LOOP FROM EAST OF SR 1415 TO EAST OF NC 24	DECEMBER 16, 2008
R-2824	13	BURKE	SR 1546 FROM SR 1545 TO SR 1001	JANUARY 20, 2009
R-2414A	1	CAMDEN	US 158-NC 34 FROM EAST OF PASQUATANK RIVER IN ELIZABETH CITY TO SOUTH OF SR 1257	MARCH 17, 2009
R-2814A	5	WAKE	US 401 FROM SR 2044 TO NORTH OF SR 2226	OCTOBER 20, 2009
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	NOVEMBER 17, 2009
R-2519A	13	YANCEY	US 19 EAST FROM SR 1336 TO NC 80	FEBRUARY 16, 2010
R-2413C	7	GUILFORD ROCKINGHAM	NC 68 CONNECTOR -US 220 FROM THE HAW RIVER TO EXISTING NC 68/US 220 INTERSECTION	MARCH 16, 2010



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

October 23, 2007

MEMORANDUM TO: Prospective Bidders
FROM: R. A. Garris, P.E. *RAG*
Contract Officer
SUBJECT: Work Zone Traffic Control Qualifications and Training Program

The Department is pursuing a Work Zone Traffic Control Qualifications and Training Program for DOT, CEI, Contractor, and Encroachment Agreement personnel. The purpose of this memo is to outline the goals of the Department and inform CEI and Contractor personnel impacted. Training for this certification will be provided by NCDOT approved training sources and/or private entities that have been pre-approved to train themselves. On the job training will also be a requirement of proper qualifications. To obtain detailed information regarding the Work Zone Qualifications and Training Program, please visit our web site at www.ncdot.org/~wztc or contact Meredith McDiarmid of the Work Zone Traffic Control Unit at mmediarmid@dot.state.nc.us or by phone at (919) 250-4159.

Generally described, three (3) levels of qualification and training requirements are being developed:

Work Zone Traffic Control Supervisors

Targets Work Zone Traffic Control Supervisors on Significant Projects. Supervisors will be required to attend extensive training and have considerable qualifications to comply. Significant Projects will be identified by the Department and designated as such in the project bid proposal. Significant Projects are generally defined as follows:

- A project that will impact the traveling public at the metropolitan or regional level (and possibly more broadly)
- A project that has a high level of public interest
- A project that will directly impact a moderate to high number of travelers
- A project that has high user cost impacts
- A project that has a duration that is moderate to long

Our present goal is for properly qualified and trained Work Zone Traffic Control Supervisors to be required on Significant Projects **beginning July 2010**.

MAILING ADDRESS:
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FAX: 919-250-4127
WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B-ENTRANCE B 15
1020 BIRCH RIDGE DRIVE
RALEIGH, NORTH CAROLINA 27610

Prospective Bidders

Work Zone Traffic Control Qualifications and Training Program

Page 2 of 2

Work Zone Traffic Control Installers

Targets Work Zone Traffic Control Installers for any type of work zone traffic control installation on all projects. One Work Zone Traffic Control Certified Installer will be required for each traffic control installation crew. Our present goal is for properly qualified and trained Work Zone Traffic Control Installers to be required **beginning January 2010**.

Work Zone Flaggers

Targets flaggers for any type of flagging operation on all projects. All flaggers will be required to be certified. The implementation date for Flaggers has not yet been determined but will follow the implementation date for Flagger Instructors. Our present goal is for properly qualified and trained Work Zone Flaggers to be required **beginning July 2009**.

If implementation of this program proves to be a successful tool in making our work zones safer for the motorist and worker, the program may be expanded to include all projects. We appreciate the precautions you take and decisions you make on a daily basis that contribute to a safer work zone program for North Carolina.

RAG/mmm

**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 MAY 20, 2008. 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 APRIL 22, 2008.
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	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) 220-4600
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 L080520

RPN	Contract Id	WBS	County	Length	JobType
001	C202081	33173.3.2	CARTERET	0.184 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
002	C202055	2CR.10251.6	CRAVEN	14.000 MI	WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
003	C201762	33519.3.1	LENOIR	0.156 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C201833	33488.3.1	HALIFAX	0.126 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
005	C202014	41925.3.1	HALIFAX	6.800 MI	MILLING & RESURFACING.
006	C202061	4CR.10641.6 ETC.	NASH, EDGEcombe	20.980 MI	MILLING AND RESURFACING.
007	C202062	4CR.10981.10 ETC	WILSON	22.660 MI	MILLING AND RESURFACING.
008	C202059	42046	DURHAM, WAKE	4.390 MI	WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
009	C201834	33464.3.1	DURHAM	0.078 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C201803	41522.3.1	ROBESON	2.098 MI	GRADING, DRAINAGE, PAVING AND CULVERT EXTENTION.
011	C201244	34843.3.1	GUILFORD, RANDOLPH	0.445 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALL.
012	C201368	34422.3.5	STANLY	3.105 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
*013	C202052	42006.3.1	MECKLENBURG	2.500 MI	ROADWAY LIGHTING RENOVATION.
014	C202057	10CR.10601.15 ET	MECKLENBURG	18.150 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
015	C201838	33259.3.1	ASHE	0.251 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
016	C201837	33418.3.1	CALDWELL	0.079 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
017	C202016	40930.3.1	CATAWBA	1.405 MI	GRADING, DRAINAGE & PAVING.
018	C201839	33206.3.1	HAYWOOD	0.158 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
019	C201835	33433.3.1	CHEROKEE	0.107 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
020	C201760	33493.3.1	HAYWOOD	0.136 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.

<p>*NOTE: I-5014 MECKLENBURG COUNTY C202052 HAS A NON-MANDATORY PRE-BID CONFERENCE AT 10:30AM ON MAY 6, 2008 AT THE DIVISION 10 OFFICE CONFERENCE ROOM LOCATED AT 716 W. MAIN STREET, ALBEMARLE, NC (704) 982-0101.</p>
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FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 001

CONTRACT ID : C202081 33173.3.2

DIV OFFICE GREENVILLE

LENGTH = 0.184 MI

COUNTY : CARTERET

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : NOV 20 2008

BRIDGE #20 OVER A BRANCH OF BAND CREEK AND APPROACHES ON SR-1124.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+44.00)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING
	200	CY UNDERCUT EXCAVATION
	20	CY DRAINAGE DITCH EXCAVATION
	200	CY SELECT GRANULAR MATERIAL
	100	SY FABRIC FOR SOIL STABILIZATION
	33	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	100	LF 18" SIDE DRAIN PIPE
	204	LF 15" RC PIPE CULVERTS, CLASS III
	59.1	LF PIPE REMOVAL
	100	TON INCIDENTAL STONE BASE
	255	SY INCIDENTAL MILLING
	675	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
	492	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	59	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	3	EA MASONRY DRAINAGE STRUCTURES
	2	EA FRAME WITH TWO GRATES, STD 840.29
	1	EA FRAME WITH COVER, STD 840.54
	190	LF SHOULDER BERM GUTTER
	600	LF STEEL BM GUARDRAIL
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350
	4	EA GUARDRAIL ANCHOR UNITS, TYPE B-77
	10	TON RIP RAP, CLASS B
	213	SY FILTER FABRIC FOR DRAINAGE
	16.25	SF CONTRACTOR FURNISHED, TYPE *** SIGN (E)
	40	LF SUPPORTS, WOOD
	3	EA SIGN ERECTION, TYPE E
	9	EA DISPOSAL OF SIGN SYSTEM, WOOD
	316	SF WORK ZONE SIGNS (STATIONARY)
	210	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	16	EA DRUMS
	168	LF BARRICADES (TYPE III)
	1,940	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	1,940	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	13	EA PERMANENT RAISED PAVEMENT MARKERS
	625	LF TEMPORARY SILT FENCE
	50	TON STONE FOR EROSION CONTROL, CLASS A
	85	TON STONE FOR EROSION CONTROL, CLASS B
	45	TON SEDIMENT CONTROL STONE
	1	ACR TEMPORARY MULCHING
	50	LB SEED FOR TEMPORARY SEEDING
	0.25	TON FERTILIZER FOR TEMPORARY SEEDING
	190	LF TEMPORARY SLOPE DRAINS
	6	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	250	LF SAFETY FENCE
	225	CY SILT EXCAVATION
	1,300	SY MATTING FOR EROSION CONTROL
	20	SY COIR FIBER MAT
	100	LF 1/4" HARDWARE CLOTH
	150	SY FLOATING TURBIDITY CURTAIN

100	LF	COIR FIBER BAFFLES
3	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+44.00-L-)
	1	EA PDA TESTING
	1	EA PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+44.00-L-)
	59.1	CY CLASS AA CONCRETE (BRIDGE)
	9,672	LB EPOXY COATED REINFORCING STEEL (BRIDGE)
	360	LF 20" PRESTRESSED CONC PILES
	1,440	LF HP12X53 GALVANIZED STEEL PILES
	15	EA PILE REDRIVES
	230	TON RIP RAP CLASS II (2'-0" THICK)
	250	SY FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM POST-TENSIONING AND GROUTING
Lump Sum	LS	GENERIC STRUCTURE ITEM PRECAST CONCRETE APPROACH SLAB
	1,404.38	LF GENERIC STRUCTURE ITEM (3'-0" X 1'-10") PRESTRESSED CONCRETE CORED SLAB
	186.75	LF GENERIC STRUCTURE ITEM PRECAST CONCRETE BARRIER RAIL
	5,906	SF GENERIC STRUCTURE ITEM BRIDGE DECK GRINDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080520 002

CONTRACT ID : C202055 2CR.10251.6

DIV OFFICE GREENVILLE

LENGTH = 14.000 MI

COUNTY : CRAVEN

WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : JUL 01 2009

NC-101 FROM HENDERSON DR TO COUNTY LINE AND NC-306 FROM NC-101 TO FERRY FACILITIES.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
21.2	SMI	SHOULDER RECONSTRUCTION
15,401	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
8,194	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
22,221	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,381	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
145,760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
90,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
27,776	LF	PAINT PAVEMENT MARKING LINES (4")
26	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 003

CONTRACT ID : C201762 33519.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.156 MI

COUNTY : LENOIR

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER JERICHO RUN & APPROACHES ON NC-55.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+29.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
78	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
194	TON	FOUNDATION CONDITIONING MATE- RIAL., MINOR STRS
24	LF	15" SIDE DRAIN PIPE
56	LF	15" RC PIPE CULVERTS, CLASS III
52	LF	PIPE REMOVAL
150	TON	INCIDENTAL STONE BASE
6.6	SMI	SHOULDER RECONSTRUCTION
1,161	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
250	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
2,755	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
227	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
34	LF	SHOULDER BERM GUTTER
412.5	LF	STEEL BM GUARDRAIL
125	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
14	TON	RIP RAP, CLASS B
190	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
339	SF	WORK ZONE SIGNS (STATIONARY)
57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
64	LF	BARRICADES (TYPE III)
1,536	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
380	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (3)
100,000	LF	PAINT PAVEMENT MARKING LINES (4")
48	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING SYMBOL
166	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	6" WATER LINE
670	LF	8" WATER LINE
1	EA	6" VALVE

2	EA	8" VALVE
277	LF	TRENCHLESS INSTALLATION OF *** IN SOIL (8")
277	LF	TRENCHLESS INSTALLATION OF *** NOT IN SOIL (8")
560	LF	TEMPORARY SILT FENCE
60	TON	STONE FOR EROSION CONTROL, CLASS A
160	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
570	CY	SILT EXCAVATION
510	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
250	LF	COIR FIBER BAFFLES
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+29.50-L-)
1	EA	PDA ASSISTANCE
554	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
3,669	SF	REINFORCED CONCRETE DECK SLAB
4,549	SF	GROOVING BRIDGE FLOORS
41.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+29.50-L-)
5,646	LB	REINFORCING STEEL (BRIDGE)
106,300	LS	APPROX LBS STRUCTURAL STEEL
Lump Sum	LS	PAINTING OF STRUCTURAL STEEL (16+29.50-L-)
630	LF	HP12X53 STEEL PILES
12	EA	PILE REDRIVES
190	LF	CONCRETE BARRIER RAIL
97	TON	RIP RAP, CLASS ** (I)
108	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 004

CONTRACT ID : C201833 33488.3.1

DIV OFFICE WILSON

LENGTH = 0.126 MI

COUNTY : HALIFAX

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : NOV 01 2008

BRIDGE OVER CYPRESS SWAMP AND APPROACHES SR-1804.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+10.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
250	SY	FABRIC FOR SOIL STABILIZATION
15	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
120	LF	15" RC PIPE CULVERTS, CLASS III
200	TON	INCIDENTAL STONE BASE
175	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
21	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.24
90	LF	SHOULDER BERM GUTTER
325	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
40	TON	RIP RAP, CLASS B
300	SY	FILTER FABRIC FOR DRAINAGE
407	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
83	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	CONES
96	LF	BARRICADES (TYPE III)
30	MD	FLAGGER
10	EA	TEMPORARY RAISED PAVEMENT MARKERS
8,400	LF	PAINT PAVEMENT MARKING LINES (4")
10	EA	PERMANENT RAISED PAVEMENT MARKERS
740	LF	TEMPORARY SILT FENCE
80	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
110	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
230	CY	SILT EXCAVATION
220	SY	MATTING FOR EROSION CONTROL
240	LF	1/4" HARDWARE CLOTH
50	LF	COIR FIBER BAFFLES
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+10.00-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+10.00-L-)
33.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+10.00-L-)
6,448	LB	REINFORCING STEEL (BRIDGE)
630	LF	HP12X53 STEEL PILES
360	LF	HP12X53 GALVANIZED STEEL PILES
12	EA	PILE REDRIVES
175.5	LF	CONCRETE BARRIER RAIL
138	TON	RIP RAP, CLASS ** (1, 2-0" THICK)
153	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
963.88	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 005

CONTRACT ID : C202014 41925.3.1

DIV OFFICE WILSON

LENGTH = 6.800 MI

COUNTY : HALIFAX

MILLING & RESURFACING.

DBE GOAL 5.0% COMPLETION DATE : DEC 01 2008

I-95 FROM NC-561 (MP-160) TO SR-1600 (MP-167).

ROADWAY ITEMS

Lump Sum	LS	SY	DESCRIPTION
	LS		MOBILIZATION
106,000	SY		MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
15,106	TON		ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
38,942	TON		ASPHALT CONC SURFACE COURSE, TYPE S9.5C
710	TON		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,336	TON		ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
144,000	LF		MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
600	SF		WORK ZONE SIGNS (PORTABLE)
2	EA		FLASHING ARROW PANELS, TYPE C
4	EA		CHANGEABLE MESSAGE SIGN
500	EA		DRUMS
2	EA		TMIA
181,600	LF		PAINT PAVEMENT MARKING LINES (6")
10,000	LF		PAINT PAVEMENT MARKING LINES (12")
60	EA		PAINT PAVEMENT MARKING SYMBOL
181,600	LF		POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
10,000	LF		POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
60	EA		POLYUREA PAVEMENT MARKING SYMBOL (*****) (HIGHLY REFLECTIVE ELEMENTS)
1,122	EA		SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080520 006

CONTRACT ID : C202061 4CR.10641.6

DIV OFFICE WILSON

LENGTH = 20.980 MI

COUNTY : NASH, EDGEcombe

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : DEC 01 2008

3 SECTIONS OF NC-97 AND US-64 ALT, 1 SECTION OF US-64 BUS AND NC-43, AND 10 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
34,933	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
11,067	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14,176	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,584	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
48	EA	ADJUSTMENT OF CATCH BASINS
28	EA	ADJUSTMENT OF MANHOLES
28	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
35,816	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
35,363	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
520,545	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080520 007

CONTRACT ID : C202062 4CR.10981.10

DIV OFFICE WILSON

LENGTH = 22.660 MI

COUNTY : WILSON

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : DEC 01 2008

1 SECTION OF NC-581, NC-58, AND NC-42, AND 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
35,395	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
14,685	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
13,247	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,742	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
63	EA	ADJUSTMENT OF CATCH BASINS
42	EA	ADJUSTMENT OF MANHOLES
19	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
85,434	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
72,204	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
125	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
85	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
459,016	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (16")
89	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
12	EA	PAINT PAVEMENT MARKING SYMBOL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080520 008

CONTRACT ID : C202059 42046

DIV OFFICE DURHAM

LENGTH = 4.390 MI

COUNTY : DURHAM, WAKE

WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : OCT 31 2008

US-70 FROM 400' WEST OF SR-1926 TO 800' WEST OF ANGUS DRIVE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
15	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
15	LF	18" RC PIPE CULVERTS, CLASS III
13.78	SMI	SHOULDER RECONSTRUCTION
2,400	SY	INCIDENTAL MILLING
1,790	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
24,299	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,535	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
650	TON	PATCHING EXISTING PAVEMENT
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.22
10	SY	4" CONCRETE PAVED DITCH
320	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
450	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
2	EA	ADJUSTMENT OF DROP INLETS
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
100	EA	DRUMS
2	EA	TMIA
112,781	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
20,515	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
4,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
458	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
139	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,100	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
10.23	ACR	SEEDING & MULCHING
8,600	LF	INDUCTIVE LOOP SAWCUT
8,600	LF	LEAD-IN CABLE (*****) (18-4)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 009

CONTRACT ID : C201834 33464.3.1

DIV OFFICE DURHAM

LENGTH = 0.078 MI

COUNTY : DURHAM

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : NOV 21 2008

BRIDGE OVER MUD CREEK AND APPROACHES ON SR-1303 IN DURHAM.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	1	EA	GENERIC UTILITY ITEM
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	4' DIA PC CONC SEWER MANHOLE WITH A FLAT TOP, 0-6' DEPTH
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+21 -L-)	25	LF	GENERIC UTILITY ITEM
Lump Sum	LS	GRADING	960	LF	UTILITY MANHOLE WALL, 4' DIA
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	75	TON	TEMPORARY SILT FENCE
	250	CY UNDERCUT EXCAVATION	75	TON	STONE FOR EROSION CONTROL, CLASS A
	250	CY SELECT GRANULAR MATERIAL	75	TON	STONE FOR EROSION CONTROL, CLASS B
	250	SY FABRIC FOR SOIL STABILIZATION	170	TON	SEDIMENT CONTROL STONE
	30	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	0.5	ACR	TEMPORARY MULCHING
	52	LF 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	50	LB	SEED FOR TEMPORARY SEEDING
	1	EA *** BIT COAT CS PIPE ELBOWS, TYPE B ***** THICK (15", 0.064")	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
	30	TON INCIDENTAL STONE BASE	200	LF	SAFETY FENCE
	130	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	130	CY	SILT EXCAVATION
	75	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	240	SY	MATTING FOR EROSION CONTROL
	215	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	50	LF	1/4" HARDWARE CLOTH
	25	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	6	EA	SPECIAL STILLING BASINS
	30	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	30	LF	COIR FIBER BAFFLES
	8	EA RIGHT OF WAY MARKERS	0.5	ACR	SEEDING & MULCHING
	6	EA MASONRY DRAINAGE STRUCTURES	0.5	ACR	MOWING
	2	EA FRAME WITH GRATE, STD 840.24	50	LB	SEED FOR REPAIR SEEDING
	3	EA FRAME WITH GRATE, STD 840.29	0.25	TON	FERTILIZER FOR REPAIR SEEDING
	1	EA FRAME WITH COVER, STD 840.54	50	LB	SEED FOR SUPPLEMENTAL SEEDING
	145	LF SHOULDER BERM GUTTER	0.5	TON	FERTILIZER TOPDRESSING
	250	LF STEEL BM GUARDRAIL	2	HR	SPECIALIZED HAND MOWING
	5	EA ADDITIONAL GUARDRAIL POSTS	12	EA	RESPONSE FOR EROSION CONTROL
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III	540	LF	SIGNAL CABLE
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350	9	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
	190	TON RIP RAP, CLASS I	2,700	LF	MESSENGER CABLE (1/4")
	2	TON RIP RAP, CLASS B	340	LF	MESSENGER CABLE (3/8")
	630	SY FILTER FABRIC FOR DRAINAGE	10	LF	PAVED TRENCHING (***** (1, 2"))
	415	SF WORK ZONE SIGNS (STATIONARY)	380	LF	UNPAVED TRENCHING (***** (1, 2"))
	112	SF WORK ZONE SIGNS (PORTABLE)	6	EA	JUNCTION BOX (STANDARD SIZE)
	94	SF WORK ZONE SIGNS (BARRICADE MOUNTED)	3	EA	WOOD POLE
	15	EA DRUMS	17	EA	GUY ASSEMBLY
	15	EA CONES	1	EA	1" RISER WITH WEATHERHEAD
	96	LF BARRICADES (TYPE III)	4	EA	2" RISER WITH WEATHERHEAD
	80	HR FLAGGER	1	EA	2" RISER WITH HEAT SHRINK TUBING
	1,050	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	400	LF	INDUCTIVE LOOP SAWCUT
	1,050	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	1,110	LF	LEAD-IN CABLE (***** (14-2))
	80	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	2,920	LF	COMMUNICATIONS CABLE (**FIBER) (12)
	4,200	LF PAINT PAVEMENT MARKING LINES (4")	1	EA	INTERCONNECT CENTER
	160	LF PAINT PAVEMENT MARKING LINES (24")	1	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
	10	EA PERMANENT RAISED PAVEMENT MARKERS	1	EA	FURNISH FIBER-OPTIC RESTORATION KIT
	408	LF 16" WATER LINE	1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
	1	EA 16" VALVE	1	EA	SIGNAL CABINET FOUNDATION
	1	EA FIRE HYDRANT	1	EA	CONTROLLER WITH CABINET (TYPE 170E, BASE MOUNTED)
	704	LF 10" SANITARY GRAVITY SEWER	3	EA	DETECTOR CARD (TYPE 170)
	3	EA 4' DIA UTILITY MANHOLE	1	EA	CABINET BASE ADAPTER
	80	LF TRENCHLESS INSTALLATION OF 16" IN SOIL			***** BEGIN SCHEDULE AA ***** (4 ALTERNATES) *****
	80	LF TRENCHLESS INSTALLATION OF 16" NOT IN SOIL	216	LF	15" RC PIPE CULVERTS, CLASS III
	1	EA GENERIC UTILITY ITEM 20" STEEL ENCASEMENT PIPE, 0.500" THICK & CONC COLLARS	200	LF	15" RC PIPE CULVERTS, CLASS III
			16	LF	15" CS PIPE CULVERTS, 0.064" THICK

*** OR ***

200	LF	15" RC PIPE CULVERTS, CLASS III
16	LF	****" HDPE PIPE CULVERTS (15")
		*** OR ***
200	LF	15" RC PIPE CULVERTS, CLASS III
16	LF	****" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (15", 0.064")

*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+21.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+21.00-L-)
59	LF	3'-6" DIA DRILLED PIERS IN SOIL
25	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
54	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+21.00-L-)
61.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+21.00-L-)
12,493	LB	REINFORCING STEEL (BRIDGE)
2,203	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
425	LF	HP12X53 STEEL PILES
158.46	LF	TWO BAR METAL RAIL
174.8	LF	1'-****"X *****" CONCRETE PARAPET (1'-2" X 2'-9")
525	TON	RIP RAP CLASS II (2'-0" THICK)
585	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,134.38	LF	3'-0" X 1'-9" PRESTRESSED CONCRETE CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080520 010

CONTRACT ID : C201803 41522.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 2.098 MI

COUNTY : ROBESON

GRADING, DRAINAGE, PAVING AND CULVERT EXTENTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : OCT 01 2009

US-301 FROM ROBESON COUNTY COMM COLLEGE TO NORTH OF SR-1752 (RENNERT RD) AND SR-1765.

ROADWAY ITEMS					
			4	EA	TEMPORARY CRASH CUSHIONS
			4	EA	RESET TEMPORARY CRASH CUSHIONS
			270	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	270	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	250	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)
8,500	CY	UNCLASSIFIED EXCAVATION	250	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
450	CY	UNDERCUT EXCAVATION	362	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,100	TON	CLASS IV SUBGRADE STABILIZATION	20,339	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
7,600	CY	BORROW EXCAVATION	26,588	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,350	SY	FABRIC FOR SOIL STABILIZATION	168	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,480	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	72	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
76	LF	15" SIDE DRAIN PIPE	12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1,100	LF	18" SIDE DRAIN PIPE	78	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
84	LF	24" SIDE DRAIN PIPE	93,854	LF	PAINT PAVEMENT MARKING LINES (4")
452	LF	18" RC PIPE CULVERTS, CLASS III	336	LF	PAINT PAVEMENT MARKING LINES (8")
488	LF	24" RC PIPE CULVERTS, CLASS III	72	LF	PAINT PAVEMENT MARKING LINES (24")
72	LF	36" RC PIPE CULVERTS, CLASS III	12	EA	PAINT PAVEMENT MARKING CHARACTER
160	LF	42" RC PIPE CULVERTS, CLASS III	78	EA	PAINT PAVEMENT MARKING SYMBOL
80	LF	48" RC PIPE CULVERTS, CLASS III	362	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PIPE REMOVAL	125	LF	6" WATER LINE
400	TON	FINE GRADING	3,860	LF	8" WATER LINE
400	TON	STABILIZER AGGREGATE	6,950	LF	12" WATER LINE
700	TON	INCIDENTAL STONE BASE	8	EA	6" VALVE
1,600	SY	INCIDENTAL MILLING	10	EA	8" VALVE
6,315	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	7	EA	12" VALVE
3,990	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	24	EA	RELOCATE WATER METER
7,530	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	8	EA	FIRE HYDRANT
911	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	3,860	LF	ABANDON 8" UTILITY PIPE
560	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	6,920	LF	ABANDON 12" UTILITY PIPE
36.8	CY	ENDWALLS	8	EA	REMOVE FIRE HYDRANT
6.8	CY	PIPE COLLARS	Lump Sum	LS	GENERIC UTILITY ITEM
5	EA	MASONRY DRAINAGE STRUCTURES	5,100	LF	12" WATER METER ASSEMBLY & NEW METER VAULT
4	EA	FRAME WITH TWO GRATES, STD 840.16	120	TON	TEMPORARY SILT FENCE
1	EA	FRAME WITH COVER, STD 840.54	1,350	TON	STONE FOR EROSION CONTROL, CLASS A
45	LF	***X *** CONCRETE CURB (8" X 12")	135	TON	STONE FOR EROSION CONTROL, CLASS B
740	SY	6" CONCRETE DRIVEWAY	13.4	ACR	SEDIMENT CONTROL STONE
50	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	13.4	ACR	TEMPORARY MULCHING
14	EA	ADJUSTMENT OF MANHOLES	670	LB	SEED FOR TEMPORARY SEEDING
87.5	LF	STEEL BM GUARDRAIL	2.7	TON	FERTILIZER FOR TEMPORARY SEEDING
50	LF	STEEL BM GUARDRAIL, SHOP CURVED	1,000	LF	SAFETY FENCE
5	EA	ADDITIONAL GUARDRAIL POSTS	900	CY	SILT EXCAVATION
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	650	SY	SYNTHETIC ROVING
2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	650	SY	MATTING FOR EROSION CONTROL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	200	LF	1/4" HARDWARE CLOTH
1	EA	GENERIC GUARDRAIL ITEM 25' CLEAR SPAN GUARDRAIL SECTION	400	LF	*** TEMPORARY PIPE (36")
100	TON	RIP RAP, CLASS I	2	EA	SPECIAL STILLING BASINS
105	TON	RIP RAP, CLASS B	13.4	ACR	SEEDING & MULCHING
500	SY	FILTER FABRIC FOR DRAINAGE	13.4	ACR	MOWING
376	SF	WORK ZONE SIGNS (STATIONARY)	250	LB	SEED FOR REPAIR SEEDING
320	SF	WORK ZONE SIGNS (PORTABLE)	1.2	TON	FERTILIZER FOR REPAIR SEEDING
350	EA	DRUMS	200	LB	SEED FOR SUPPLEMENTAL SEEDING
200	EA	CONES	3.4	TON	FERTILIZER TOPDRESSING
864	LF	BARRICADES (TYPE III)	230	LF	IMPERVIOUS DIKE
2,800	HR	FLAGGER	20	EA	RESPONSE FOR EROSION CONTROL
			Lump Sum	LS	CULVERT EXCAVATION, STA ***** (13+03.07)
			26	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT

61.1 CY CLASS A CONCRETE (CULVERT)
7,879 LB REINFORCING STEEL (CULVERT)

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

472 LF 30" RC PIPE CULVERTS, CLASS
III
*** OR ***

296 LF 30" RC PIPE CULVERTS, CLASS
III

176 LF ***" HDPE PIPE CULVERTS
(30")
*** OR ***

296 LF 30" RC PIPE CULVERTS, CLASS
III

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

*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 011

CONTRACT ID : C201244 34843.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.445 MI

COUNTY : GUILFORD, RANDOLPH

GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALL.

DBE GOAL 5.0% COMPLETION DATE : MAY 15 2009

INTERSECTION OF SR-1592 (EDEN TERRACE) AND SR-1595 (SURRETT DR) IN ARCHDALE - HIGHPOINT.

ROADWAY ITEMS					
			200	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			90	SY	GENERIC PAVING ITEM NONMOUNTABLE KEYED IN CONCRETE ISLAND (KEYED IN)
Lump Sum	LS	MOBILIZATION	239	LF	CHAIN LINK FENCE, 48" FABRIC
Lump Sum	LS	CONSTRUCTION SURVEYING	20	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
Lump Sum	LS	GRADING	2	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	25	TON	RIP RAP, CLASS I
500	CY	UNDERCUT EXCAVATION	15	TON	RIP RAP, CLASS B
500	TON	CLASS IV SUBGRADE STABILIZATION	735	SY	FILTER FABRIC FOR DRAINAGE
60	CY	DRAINAGE DITCH EXCAVATION	900	TON	AGGREGATE BASE COURSE (SUB-BALLAST)
100	LF	BERM DITCH CONSTRUCTION	774	SF	WORK ZONE SIGNS (STATIONARY)
500	CY	SELECT GRANULAR MATERIAL	384	SF	WORK ZONE SIGNS (PORTABLE)
500	SY	FABRIC FOR SOIL STABILIZATION	183	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,270	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1	EA	FLASHING ARROW PANELS, TYPE C
976	LF	15" RC PIPE CULVERTS, CLASS III	2	EA	CHANGEABLE MESSAGE SIGN
632	LF	18" RC PIPE CULVERTS, CLASS III	62	EA	DRUMS
196	LF	30" RC PIPE CULVERTS, CLASS III	63	EA	CONES
1,052	LF	36" RC PIPE CULVERTS, CLASS III	208	LF	BARRICADES (TYPE III)
60	LF	**** RC PIPE CULVERTS, CLASS ** (UNDER RR) (36", V)	230	HR	FLAGGER
100	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	1	EA	TMIA
10	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	28,023	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
60	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (36", 0.625")	44,548	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
701	LF	PIPE REMOVAL	391	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	TON	STABILIZER AGGREGATE	473	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
385	TON	AGGREGATE BASE COURSE	658	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
100	TON	INCIDENTAL STONE BASE	26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2,500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	63	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
4,280	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	251	EA	PERMANENT RAISED PAVEMENT MARKERS
5,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	197	EA	SNOWPLOWABLE PAVEMENT MARKERS
625	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	15	LF	3" WATER LINE
105	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	396	LF	6" WATER LINE
920	TON	PATCHING EXISTING PAVEMENT	290	LF	8" WATER LINE
56	CY	SUBDRAIN EXCAVATION	17	LF	10" WATER LINE
42	CY	SUBDRAIN FINE AGGREGATE	2,150	LF	16" WATER LINE
250	LF	6" PERFORATED SUBDRAIN PIPE	1	EA	4" VALVE
8	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	2	EA	6" VALVE
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1	EA	8" VALVE
6	LF	6" OUTLET PIPE (SUBDRAINS)	1	EA	10" VALVE
3.4	CY	ENDWALLS	4	EA	16" VALVE
1.2	CY	PIPE COLLARS	1	EA	2" WATER METER
0.4	CY	PIPE PLUGS	6	EA	RELOCATE WATER METER
35	EA	MASONRY DRAINAGE STRUCTURES	1	EA	RELOCATE 3" RPZ BACK-FLOW PREVENTOR
13.78	LF	MASONRY DRAINAGE STRUCTURES	6	EA	FIRE HYDRANT
9	EA	FRAME WITH TWO GRATES, STD 840.16	2	EA	RELOCATE FIRE HYDRANT
3	EA	FRAME WITH TWO GRATES, STD 840.22	304	LF	ABANDON 8" UTILITY PIPE
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	1,545	LF	ABANDON 10" UTILITY PIPE
11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2,283	LF	ABANDON 16" UTILITY PIPE
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	6	EA	REMOVE FIRE HYDRANT
1	EA	FRAME WITH COVER, STD 840.54	8	EA	ABANDON UTILITY MANHOLE
4,920	LF	2'-6" CONCRETE CURB & GUTTER	50	LF	18" ENCASEMENT PIPE
120	SY	6" CONCRETE DRIVEWAY	25	LF	TRENCHLESS INSTALLATION OF 18" IN SOIL
			25	LF	TRENCHLESS INSTALLATION OF 18" NOT IN SOIL
			1,650	LF	TEMPORARY SILT FENCE
			640	TON	STONE FOR EROSION CONTROL, CLASS A
			230	TON	STONE FOR EROSION CONTROL, CLASS B
			570	TON	SEDIMENT CONTROL STONE
			3	ACR	TEMPORARY MULCHING
			100	LB	SEED FOR TEMPORARY SEEDING

0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
700	CY	SILT EXCAVATION
1,750	SY	MATTING FOR EROSION CONTROL
720	LF	1/4" HARDWARE CLOTH
25	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
2.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
36	EA	RESPONSE FOR EROSION CONTROL
1,640	LF	SIGNAL CABLE
8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
7	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
5,225	LF	MESSENGER CABLE (1/4")
100	LF	TRACER WIRE
280	LF	UNPAVED TRENCHING (***** (1, 2")
325	LF	DIRECTIONAL DRILL (***** (2, 2")
10	EA	JUNCTION BOX (STANDARD SIZE)
2	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
2	EA	GUY ASSEMBLY
3	EA	2" RISER WITH HEAT SHRINK TUBING
1,310	LF	INDUCTIVE LOOP SAWCUT
1,520	LF	LEAD-IN CABLE (***** (14-2)
6,325	LF	COMMUNICATIONS CABLE (**FIBER) (12)
3	EA	INTERCONNECT CENTER
3	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
2	EA	DELINEATOR MARKER
1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT
1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
1	EA	METAL POLE WITH SINGLE MAST ARM
1	EA	METAL POLE WITH DUAL MAST ARM
2	EA	SOIL TEST
16	CY	DRILLED PIER FOUNDATION
2	EA	MAST ARM WITH METAL POLE DE- SIGN
4	EA	SIGN FOR SIGNALS
4	EA	LED BLANKOUT SIGN
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)
8	EA	DETECTOR CARD (NEMA TS-2)
1	EA	GENERIC SIGNAL ITEM CONTROLLER ONLY (NEMA TS-2, TY PE 2)
2,228.3	SF	GRAVITY RETAINING WALLS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 012

CONTRACT ID : C201368 34422.3.5

DIV OFFICE ALBEMARLE

LENGTH = 3.105 MI

COUNTY : STANLY

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

DBE GOAL 12.0% COMPLETION DATE : DEC 31 2010

US-52 EXT FROM THE NC-73 & NC-24/27 & NC-138 INTERSECTION TO THE SR-1785 (JOHN'S RD) INTERSECTION
IN ALBEMARLE.

		ROADWAY ITEMS			
			4,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			15,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	MOBILIZATION	1,710	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	960	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
	2	ACR SUPPLEMENTARY CLEARING & GRUBBING	123.6	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
	272,500	CY UNCLASSIFIED EXCAVATION	20	CY	SUBDRAIN EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (77+74.92)	10	CY	SUBDRAIN FINE AGGREGATE
	2,250	CY UNDERCUT EXCAVATION	50	LF	6" PERFORATED SUBDRAIN PIPE
	500	TON CLASS IV SUBGRADE STABILIZATION	2	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
	57,500	CY BORROW EXCAVATION	1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
	4,350	CY DRAINAGE DITCH EXCAVATION	6	LF	6" OUTLET PIPE (SUBDRAINS)
	1,880	LF BERM DITCH CONSTRUCTION	4,800	LF	SHOULDER DRAIN
	10,600	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	4,800	LF	4" SHOULDER DRAIN PIPE
	4,275	SY BREAKING OF EXISTING ASPHALT PAVEMENT	120	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
	20	HR PROOF ROLLING	4	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
	500	CY SELECT GRANULAR MATERIAL	15	TON	BLOTTING SAND
	1,500	SY FABRIC FOR SOIL STABILIZATION	21.4	CY	ENDWALLS
	10	TON GENERIC GRADING ITEM EXCAVATION, HAULING & DISPOSAL OF CONTAMINATED SOIL	5.9	CY	REINFORCED ENDWALLS
	1,420	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	0.45	CY	PIPE COLLARS
	328	LF 15" SIDE DRAIN PIPE	0.364	CY	PIPE PLUGS
	1,004	LF 30" RC PIPE CULVERTS, CLASS III	10	CY	FLOWABLE FILL
	112	LF 36" RC PIPE CULVERTS, CLASS III	85	EA	MASONRY DRAINAGE STRUCTURES
	366	LF 42" RC PIPE CULVERTS, CLASS III	3	CY	MASONRY DRAINAGE STRUCTURES
	312	LF ***** RC PIPE CULVERTS, CLASS IV (60")	0.9	LF	MASONRY DRAINAGE STRUCTURES
	8	LF 6" CS PIPE CULVERTS, 0.064" THICK (SPRING BOX)	16	EA	FRAME WITH TWO GRATES, STD 840.16
	24	LF 12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	16	EA	FRAME WITH TWO GRATES, STD 840.22
	540	LF 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	11	EA	FRAME WITH TWO GRATES, STD 840.29
	12	LF 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
	48	LF 24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	2	EA 12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	24	EA 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	7	LF	GENERIC DRAINAGE ITEM POLYMER DRAIN LINE
	2	EA 24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	7,770	LF	2'-6" CONCRETE CURB & GUTTER
	1,167	LF PIPE REMOVAL	2,570	LF	SHOULDER BERM GUTTER
Lump Sum	LS	FINE GRADING	1	EA	MODIFIED CONCRETE FLUME
	25,770	SY LIME TREATED SOIL (SLURRY METHOD)	13,870	SY	4" CONCRETE SIDEWALK
	260	TON LIME FOR LIME TREATED SOIL	24	EA	CONCRETE WHEELCHAIR RAMPS
	26	TON #57 STONE	1,140	SY	6" CONCRETE DRIVEWAY
	850	TON STABILIZER AGGREGATE	35	SY	4" CONCRETE PAVED DITCH
	42,000	TON AGGREGATE BASE COURSE	17	EA	ADJUSTMENT OF MANHOLES
	38,660	SY SOIL CEMENT BASE	33	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
	1,064	TON PORTLAND CEMENT FOR SOIL CEMENT BASE	8,050	LF	STEEL BM GUARDRAIL
	250	TON AGGREGATE FOR SOIL CEMENT BASE	150	LF	STEEL BM GUARDRAIL, SHOP CURVED
	9,670	GAL ASPHALT CURING SEAL	8	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
	5,000	TON INCIDENTAL STONE BASE	10	EA	ADDITIONAL GUARDRAIL POSTS
	5,720	GAL PRIME COAT	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	1,475	SY INCIDENTAL MILLING	28	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
	700	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
	9,500	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	22,300	LF	WOVEN WIRE FENCE, 47" FABRIC
	1,300	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1,375	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
	20,000	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	430	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			500	LF	ADDITIONAL BARBED WIRE
			240	TON	RIP RAP, CLASS I

		3,264	LF	16" WATER LINE	
		5	EA	6" VALVE	
		2	EA	12" VALVE	
		6	EA	16" VALVE	
20	TON			2" AIR RELEASE VALVE	
1,850	TON			RELOCATE WATER METER	
35	TON			RELOCATE FIRE HYDRANT	
9,825	SY			8" SANITARY GRAVITY SEWER	
1	CY			4' DIA UTILITY MANHOLE	
		3,262.8	LF	UTILITY MANHOLE WALL, 4' DIA	
2	CY			ABANDON 6" UTILITY PIPE	
		17	EA	ABANDON 8" UTILITY PIPE	
1,021	LB			ABANDON 12" UTILITY PIPE	
643	LB			ABANDON 16" UTILITY PIPE	
2,523	LF			ABANDON UTILITY MANHOLE	
7	EA			GENERIC UTILITY ITEM	
77	EA			WATER METER VAULT	
51	EA			TEMPORARY SILT FENCE	
3	EA			STONE FOR EROSION CONTROL, CLASS A	
		10,350	LF	STONE FOR EROSION CONTROL, CLASS B	
2	EA			SEDIMENT CONTROL STONE	
		4,255	TON	TEMPORARY MULCHING	
3	EA			SEED FOR TEMPORARY SEEDING	
		2,385	TON	FERTILIZER FOR TEMPORARY SEEDING	
55	EA			TEMPORARY SLOPE DRAINS	
		77.5	ACR	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
2	EA			SAFETY FENCE	
1,206	SF			SILT EXCAVATION	
543	SF			MATTING FOR EROSION CONTROL	
282	SF			COIR FIBER MAT	
		3,550	LB	PERMANENT SOIL REINFORCEMENT MAT	
2	EA			1/4" HARDWARE CLOTH	
3	EA			STILLING BASINS	
240	EA			WATTLE	
100	EA			POLYACRYLAMIDE (PAM)	
608	LF			COIR FIBER BAFFLES	
6,120	HR			*** SKIMMER (1-1/2")	
		170	CY	*** SKIMMER (2")	
2	EA			*** SKIMMER (2-1/2")	
1	EA			*** SKIMMER (3")	
2	EA			*** SKIMMER (4")	
1,330	LF			SEEDING & MULCHING	
450	LF			MOWING	
		97.5	ACR	SEED FOR REPAIR SEEDING	
100	LF			FERTILIZER FOR REPAIR SEEDING	
		48.5	ACR	SEED FOR SUPPLEMENTAL SEEDING	
50	LF			FERTILIZER TOPDRESSING	
		700	LB	IMPERVIOUS DIKE	
50	HR			SPECIALIZED HAND MOWING	
150	EA			RESPONSE FOR EROSION CONTROL	
31	EA			CULVERT DIVERSION CHANNEL	
1,001	EA			REFORESTATION	
		0.29	ACR	STREAMBANK REFORESTATION	
632	LF			SIGNAL CABLE	
		1,390	LF	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
272,474	LF			VEHICLE SIGNAL HEAD (12", 4 SECTION)	
		16	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
2,554	LF			MESSANGER CABLE (3/8")	
1,810	LF			PAVED TRENCHING (*****)	
		280	LF	UNPAVED TRENCHING (*****)	
16	EA			JUNCTION BOX (STANDARD SIZE)	
		2	HR	WOOD POLE	
242	EA			GUY ASSEMBLY	
99,805	LF			1" RISER WITH WEATHERHEAD	
		54	EA	2" RISER WITH WEATHERHEAD	
1,277	LF			2" RISER WITH HEAT SHRINK TUBING	
738	LF			INDUCTIVE LOOP SAWCUT	
		50	LF	LEAD-IN CABLE (*****)	
8	EA			900MHZ WIRELESS RADIO SYSTEM	
		1,930	LF	SIGNAL CABINET FOUNDATION	
120	EA			CABINET BASE ADAPTER	
		11	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
17,729	LF			DETECTOR CARD (TYPE 2070L)	
		8	EA	CABINET BASE EXTENDER	
100	LF				
57	LF				
20	EA				
793	EA				
12	EA				
12	EA				
646.3	LF				
371.9	LF				

- 1 EA GENERIC SIGNAL ITEM
FURNISH WIRELESS LIGHTNING
ARRESTOR
- 1 EA GENERIC SIGNAL ITEM
FURNISH WIRELESS RADIO MODEM

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

- 4,098 LF 15" RC PIPE CULVERTS, CLASS
III
- 1,588 LF 18" RC PIPE CULVERTS, CLASS
III
- 1,108 LF 24" RC PIPE CULVERTS, CLASS
III
- *** OR ***
- 3,550 LF 15" RC PIPE CULVERTS, CLASS
III
- 1,004 LF 18" RC PIPE CULVERTS, CLASS
III
- 1,028 LF 24" RC PIPE CULVERTS, CLASS
III
- 548 LF ***" HDPE PIPE CULVERTS
(15")
- 584 LF ***" HDPE PIPE CULVERTS
(18")
- 80 LF ***" HDPE PIPE CULVERTS
(24")
- *** OR ***
- 3,550 LF 15" RC PIPE CULVERTS, CLASS
III
- 1,004 LF 18" RC PIPE CULVERTS, CLASS
III
- 1,028 LF 24" RC PIPE CULVERTS, CLASS
III
- 548 LF ***" ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ***"
THICK
(15", 0.064")
- 584 LF ***" ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ***"
THICK
(18", 0.064")
- 80 LF ***" ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ***"
THICK
(24", 0.064")

*** END SCHEDULE AA ***

CULVERT ITEMS

- Lump Sum LS REMOVAL OF EXISTING STRUCTURE
AT STATION *****
(9+10.00-Y4-)
- Lump Sum LS CULVERT EXCAVATION, STA *****
(118+95.00-L-)
- Lump Sum LS CULVERT EXCAVATION, STA *****
(9+10.00-Y4-)
- 493 TON FOUNDATION CONDITIONING MATER-
IAL, BOX CULVERT
- 950.5 CY CLASS A CONCRETE (CULVERT)
- 117,750 LB REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

- 6,693 SF REINFORCED CONCRETE DECK SLAB
- 7,413 SF GROOVING BRIDGE FLOORS
- 112 CY CLASS A CONCRETE (BRIDGE)
- Lump Sum LS BRIDGE APPROACH SLABS, STATION

(77+90.57-L-)
- 14,576 LB REINFORCING STEEL (BRIDGE)
- 266,200 LS APPROX LBS STRUCTURAL
STEEL
- 630 LF HP12X53 STEEL PILES
- 309.5 LF CONCRETE BARRIER RAIL
- 655 SY 4" SLOPE PROTECTION
- Lump Sum LS ELASTOMERIC BEARINGS
- Lump Sum LS EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 013

CONTRACT ID : C202052 42006.3.1

DIV OFFICE ALBEMARLE

LENGTH = 2.500 MI

COUNTY : MECKLENBURG

ROADWAY LIGHTING RENOVATION.

DBE GOAL 2.0% COMPLETION DATE : JUN 30 2009

CHARLOTTE - I-277 (BROOKSHIRE FREEWAY) FROM I-77 TO US-74 (INDEPENDENCE BLVD).

ROADWAY ITEMS		Lump Sum	LS	DESCRIPTION
Lump Sum	LS			GENERIC LIGHTING ITEM UNDERPASS CIRCUITRY AT GRAHAM ST, UPL1
0.8	ACR			GENERIC LIGHTING ITEM UNDERPASS CIRCUITRY AT TRYON ST, UPL3
548	SF			GENERIC LIGHTING ITEM UNDERPASS CIRCUITRY AT 10TH ST, UPL6
6	EA			GENERIC LIGHTING ITEM UNDERPASS CIRCUITRY AT 5TH ST, UPL7
4	EA			GENERIC LIGHTING ITEM RIGID GALVANIZED CONDUIT, 1-1/2"
150	EA			GENERIC LIGHTING ITEM RIGID GALVANIZED CONDUIT, 2"
4	EA			GENERIC LIGHTING ITEM CI JUNCTION BOX, ENDWALL
288	HR			GENERIC LIGHTING ITEM CI JUNCTION BOX, OUTRIGGER
1	EA			GENERIC LIGHTING ITEM LIGHT STANDARD JUNCTION BOX
6	EA			GENERIC LIGHTING ITEM RELOCATE LIGHT STANDARD
1	EA			GENERIC LIGHTING ITEM REMOVE CONTROL SYSTEM
61	CY			GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD
6	EA			GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD FOUNDATION
48	EA			GENERIC LIGHTING ITEM REMOVE LUMINAIRE, 250W HPS, 35' MH
7	EA			GENERIC LIGHTING ITEM REMOVE LUMINAIRE, 400W HPS, 50' MH
1	EA			GENERIC LIGHTING ITEM REMOVE UNDERPASS LUMINAIRE
285	LF			GENERIC LIGHTING ITEM REPLACE DOOR
4	EA			GENERIC LIGHTING ITEM REPLACE LUMINAIRE, 250W HPS, 3 5' MH
655	LF			GENERIC LIGHTING ITEM REPLACE LUMINAIRE, 400W HPS, 5 0' MH
305	LF			GENERIC LIGHTING ITEM UNDERPASS LUMINAIRE
1,105	LF			GENERIC LIGHTING ITEM UNDERPASS EROSION CONTROL ITEM SEEDING & MULCHING
330	LF			
4,594	LF			
1,430	LF			
1,688	LF			
16,038	LF			
4,563	LF			
10,360	LF			
641	LF			
58	EA			
7	EA			
Lump Sum	LS			PORTABLE LIGHTING
Lump Sum	LS			GENERIC LIGHTING ITEM UNDERPASS CIRCUITRY AT BREVARD ST, UPL 5
Lump Sum	LS			GENERIC LIGHTING ITEM UNDERPASS CIRCUITRY AT CHURCH ST, UPL2
Lump Sum	LS			GENERIC LIGHTING ITEM UNDERPASS CIRCUITRY AT COLLEGE ST, UPL 4
Lump Sum	LS			GENERIC LIGHTING ITEM UNDERPASS CIRCUITRY AT ELIZABETH ST, UPL 8

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080520 014

CONTRACT ID : C202057 10CR.10601.15

DIV OFFICE ALBEMARLE

LENGTH = 18.150 MI

COUNTY : MECKLENBURG

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

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

1 SECTION OF US-29, 1 SECTION OF US-74, 1 SECTION OF NC-115 AND 12 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
421	TON	INCIDENTAL STONE BASE
29.23	SMI	SHOULDER RECONSTRUCTION
80,610	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
9,625	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
2,315	SY	INCIDENTAL MILLING
30,170	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,205	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
2,151	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
6,000	TON	PATCHING EXISTING PAVEMENT
9	EA	ADJUSTMENT OF MANHOLES
13	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,640	SF	WORK ZONE SIGNS (STATIONARY)
3	EA	FLASHING ARROW PANELS, TYPE C
3	EA	CHANGEABLE MESSAGE SIGN
163,575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
209,418	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3,455	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,131	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
34	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
71	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
198,255	LF	PAINT PAVEMENT MARKING LINES (4")
2,240	LF	PAINT PAVEMENT MARKING LINES (8")
300	LF	PAINT PAVEMENT MARKING LINES (16")
1,120	LF	PAINT PAVEMENT MARKING LINES (24")
36	EA	PAINT PAVEMENT MARKING CHARAC- TER
50	EA	PAINT PAVEMENT MARKING SYMBOL
2,660	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (STANDARD GLASS BEADS)
2,515	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
3,850	LF	TEMPORARY SILT FENCE
15.3	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 015

CONTRACT ID : C201838 33259.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.251 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER SOUTH FORK NEW RIVER & APPROACHES ON SR-1169 (CONLEY CREEK RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+72.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
600	TON	CLASS IV SUBGRADE STABILIZA- TION
150	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
70	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
120	LF	18" SIDE DRAIN PIPE
96	LF	30" RC PIPE CULVERTS, CLASS III
8	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK
132	LF	PIPE REMOVAL
125	TON	AGGREGATE BASE COURSE
150	TON	INCIDENTAL STONE BASE
490	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
180	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
380	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
55	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
40	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
13	EA	RIGHT OF WAY MARKERS
68	CY	SUBDRAIN EXCAVATION
51	CY	SUBDRAIN FINE AGGREGATE
300	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
10	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH GRATE, STD 840.24
8	EA	FRAME WITH GRATE, STD 840.29
16	LF	SHOULDER BERM GUTTER
350	LF	CONCRETE EXPRESSWAY GUTTER
125	LF	STEEL BM GUARDRAIL
37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
500	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4")
1	EA	GENERIC FENCING ITEM REMOVE & RESET EXISTING METAL GATE
100	TON	RIP RAP, CLASS B
665	SY	FILTER FABRIC FOR DRAINAGE
417	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	DRUMS
10	EA	CONES
80	LF	BARRICADES (TYPE III)
5,840	LF	POLYUREA PAVEMENT MARKING LINES (4" *****) (STANDARD GLASS BEADS)
1,200	LF	TEMPORARY SILT FENCE

90	TON	STONE FOR EROSION CONTROL, CLASS A
300	TON	STONE FOR EROSION CONTROL, CLASS B
320	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
15	LF	TEMPORARY SLOPE DRAINS
440	LF	SAFETY FENCE
660	CY	SILT EXCAVATION
1,350	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
250	SY	PERMANENT SOIL REINFORCEMENT MAT
200	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
90	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.15	ACR	REFORESTATION
		***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
336	LF	18" RC PIPE CULVERTS, CLASS III
44	LF	42" RC PIPE CULVERTS, CLASS III
		*** OR ***
220	LF	18" RC PIPE CULVERTS, CLASS III
116	LF	***" HDPE PIPE CULVERTS (18")
44	LF	***" HDPE PIPE CULVERTS (42")
		*** OR ***
220	LF	18" RC PIPE CULVERTS, CLASS III
116	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")
44	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (42", 0.079")
		*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+72.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+72.00-L-)
26	LF	3'-6" DIA DRILLED PIERS IN SOIL
34	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
25.7	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
99.9	CY	CLASS A CONCRETE (BRIDGE)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+72.00-L-)
20,063	LB	REINFORCING STEEL (BRIDGE)
1,747	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
240	LF	HP12X53 STEEL PILES
382.13	LF	ONE BAR METAL RAIL
397.63	LF	1'-***"X *****" CONCRETE PARA- PET (1'-0" x 1'-10 1/2")
234	TON	RIP RAP CLASS II (2'-0" THICK)
260	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,184.19	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 016

CONTRACT ID : C201837 33418.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.079 MI

COUNTY : CALDWELL

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER YADKIN RIVER AND APPROACHES ON NC-268.

ROADWAY ITEMS					
			46.94	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
Lump Sum	LS	MOBILIZATION	130	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+20.00)	3	EA	SIGN ERECTION, TYPE E
			5	EA	SIGN ERECTION, TYPE F
Lump Sum	LS	GRADING	11	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	328	SF	WORK ZONE SIGNS (STATIONARY)
300	CY	UNDERCUT EXCAVATION	112	SF	WORK ZONE SIGNS (PORTABLE)
600	TON	CLASS IV SUBGRADE STABILIZA- TION	32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
500	CY	SELECT GRANULAR MATERIAL	54	EA	DRUMS
500	SY	FABRIC FOR SOIL STABILIZATION	54	EA	CONES
206	SF	TEMPORARY SHORING	48	LF	BARRICADES (TYPE III)
40	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	190	MD	FLAGGER
188	LF	15" RC PIPE CULVERTS, CLASS III	1	EA	TEMPORARY CRASH CUSHIONS
56	LF	18" RC PIPE CULVERTS, CLASS III	2	EA	RESET TEMPORARY CRASH CUSHIONS
36	LF	54" RC PIPE CULVERTS, CLASS III	1	EA	TMIA
28	LF	18" CS PIPE CULVERTS, 0.064" THICK	39	EA	TEMPORARY RAISED PAVEMENT MARKERS
40	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	600	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (4)
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	7,151	LF	PAINT PAVEMENT MARKING LINES (4")
28	LF	PIPE REMOVAL	68	LF	PAINT PAVEMENT MARKING LINES (24")
100	TON	INCIDENTAL STONE BASE	3,581	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
430	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	42	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
220	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	5	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (STANDARD GLASS BEADS)
540	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	754	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
62	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	23	EA	SNOWPLOWABLE PAVEMENT MARKERS
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	592	LF	8" WATER LINE
22	EA	RIGHT OF WAY MARKERS	4	EA	8" VALVE
70	CY	SUBDRAIN EXCAVATION	1	EA	2" BLOW OFF
55	CY	SUBDRAIN FINE AGGREGATE	2	EA	3/4" WATER METER
300	LF	6" PERFORATED SUBDRAIN PIPE	1	EA	RELOCATE FIRE HYDRANT
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	980	LF	TEMPORARY SILT FENCE
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	105	TON	STONE FOR EROSION CONTROL, CLASS A
6	LF	6" OUTLET PIPE (SUBDRAINS)	170	TON	STONE FOR EROSION CONTROL, CLASS B
5	CY	REINFORCED ENDWALLS	180	TON	SEDIMENT CONTROL STONE
6	EA	MASONRY DRAINAGE STRUCTURES	1	ACR	TEMPORARY MULCHING
5	EA	FRAME WITH TWO GRATES, STD 840.29	50	LB	SEED FOR TEMPORARY SEEDING
300	LF	CONCRETE EXPRESSWAY GUTTER	1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
62.5	LF	STEEL BM GUARDRAIL	65	LF	TEMPORARY SLOPE DRAINS
25	LF	STEEL BM GUARDRAIL, SHOP CURVED	2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
5	EA	ADDITIONAL GUARDRAIL POSTS	180	LF	SAFETY FENCE
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	370	CY	SILT EXCAVATION
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III	550	SY	MATTING FOR EROSION CONTROL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	15	SY	COIR FIBER MAT
62.5	LF	TEMPORARY STEEL BM GUARDRAIL	100	LF	1/4" HARDWARE CLOTH
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)	4	EA	SPECIAL STILLING BASINS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	50	LF	COIR FIBER BAFFLES
33	TON	RIP RAP, CLASS I	2	EA	*** SKIMMER (1-1/2")
14	TON	RIP RAP, CLASS B	2	ACR	SEEDING & MULCHING
430	SY	FILTER FABRIC FOR DRAINAGE	1	ACR	MOWING
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	50	LB	SEED FOR REPAIR SEEDING
17.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	0.25	TON	FERTILIZER FOR REPAIR SEEDING
			50	LB	SEED FOR SUPPLEMENTAL SEEDING
			1	TON	FERTILIZER TOPDRESSING
			2	HR	SPECIALIZED HAND MOWING
			12	EA	RESPONSE FOR EROSION CONTROL
			0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (11+20.00-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (11+20.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+20.00-L-)
73	CY	FOUNDATION EXCAVATION
57.8	LF	3'-0" DIA DRILLED PIERS IN SO IL
30	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
56.8	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (11+20.00-L-)
7,671	SF	CONCRETE WEARING SURFACE
9,110	SF	GROOVING BRIDGE FLOORS
114.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+20.00-L-)
22,180	LB	REINFORCING STEEL (BRIDGE)
1,664	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
165	LF	HP12X53 STEEL PILES
284.75	LF	TWO BAR METAL RAIL
299.75	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-11")
210	TON	RIP RAP CLASS II (2'-0" THICK)
230	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
2,693.25	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 017

CONTRACT ID : C202016 40930.3.1

DIV OFFICE SHELBY

LENGTH = 1.405 MI

COUNTY : CATAWBA

GRADING, DRAINAGE & PAVING.

DBE GOAL 7.0% COMPLETION DATE : DEC 01 2008

NC-10 FROM EAST OF SR-1008 TO US-321 NB RAMPS.

ROADWAY ITEMS

			235	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			189	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS	MOBILIZATION	31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	CONSTRUCTION SURVEYING	21,480	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	GRADING	322	EA	SNOWPLOWABLE PAVEMENT MARKERS
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	4,440	LF	TEMPORARY SILT FENCE
100	CY	UNDERCUT EXCAVATION	385	TON	STONE FOR EROSION CONTROL, CLASS A
700	CY	DRAINAGE DITCH EXCAVATION	1,250	TON	STONE FOR EROSION CONTROL, CLASS B
600	LF	BERM DITCH CONSTRUCTION	430	TON	SEDIMENT CONTROL STONE
80	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	9.5	ACR	TEMPORARY MULCHING
284	LF	15" SIDE DRAIN PIPE	350	LB	SEED FOR TEMPORARY SEEDING
212	LF	18" SIDE DRAIN PIPE	2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
76	LF	15" RC PIPE CULVERTS, CLASS III	260	LF	TEMPORARY SLOPE DRAINS
176	LF	18" RC PIPE CULVERTS, CLASS III	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
20	LF	PIPE REMOVAL	340	LF	SAFETY FENCE
300	TON	INCIDENTAL STONE BASE	3,200	CY	SILT EXCAVATION
100	SY	INCIDENTAL MILLING	10,790	SY	MATTING FOR EROSION CONTROL
5,830	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	25	SY	COIR FIBER MAT
4,810	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	100	LF	1/4" HARDWARE CLOTH
2,690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	470	LF	COIR FIBER BAFFLES
480	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	EA	*** SKIMMER (1-1/2")
165	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	2	EA	*** SKIMMER (2")
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	10	ACR	SEEDING & MULCHING
100	TON	PATCHING EXISTING PAVEMENT	6	ACR	MOWING
4	EA	METAL FUNNELS	100	LB	SEED FOR REPAIR SEEDING
200	LF	12" FUNNEL DRAIN PIPE	0.25	TON	FERTILIZER FOR REPAIR SEEDING
4	EA	12" FUNNEL DRAIN PIPE ELBOWS	250	LB	SEED FOR SUPPLEMENTAL SEEDING
3	CY	PIPE COLLARS	7	TON	FERTILIZER TOPDRESSING
4	EA	MASONRY DRAINAGE STRUCTURES	2	HR	SPECIALIZED HAND MOWING
2	EA	FRAME WITH TWO GRATES, STD 840.16	27	EA	RESPONSE FOR EROSION CONTROL
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
640	LF	SHOULDER BERM GUTTER			
115	SY	6" CONCRETE DRIVEWAY			
600	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP-III)			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
2,000	LF	WOVEN WIRE FENCE, 47" FABRIC			
100	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
90	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
2,100	LF	ADDITIONAL BARBED WIRE			
2,100	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (47")			
1,530	TON	RIP RAP, CLASS B			
2,405	SY	FILTER FABRIC FOR DRAINAGE			
675	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
150	EA	DRUMS			
48	LF	BARRICADES (TYPE III)			
30	MD	FLAGGER			
30	EA	TEMPORARY RAISED PAVEMENT MARKERS			
16,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
19,101	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 018

CONTRACT ID : C201839 33206.3.1

DIV OFFICE SYLVA

LENGTH = 0.158 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER CRABTREE CREEK & APPROACHES ON SR-1503.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
20,000	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+65.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
570	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
500	TON	CLASS IV SUBGRADE STABILIZATION
20	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
275	SY	GENERIC GRADING ITEM ROCK PLATING
90	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
572	LF	15" RC PIPE CULVERTS, CLASS III
184	LF	18" RC PIPE CULVERTS, CLASS III
30	LF	PIPE REMOVAL
96	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
88	GAL	PRIME COAT
920	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
315	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
65	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
115	CY	SUBDRAIN EXCAVATION
85	CY	SUBDRAIN FINE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
10	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.22
9	EA	FRAME WITH TWO GRATES, STD 840.29
530	LF	CONCRETE EXPRESSWAY GUTTER
575	LF	STEEL BM GUARDRAIL
40	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
100	LF	ADDITIONAL BARBED WIRE
900	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
20	TON	RIP RAP, CLASS B
225	SY	FILTER FABRIC FOR DRAINAGE
174	SF	WORK ZONE SIGNS (STATIONARY)
186	SF	WORK ZONE SIGNS (PORTABLE)
56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
60	EA	DRUMS
20	EA	CONES
96	LF	BARRICADES (TYPE III)
236	HR	FLAGGER
10	EA	SKINNY DRUM
21,000	LF	PAINT PAVEMENT MARKING LINES (4")
930	LF	TEMPORARY SILT FENCE
90	TON	STONE FOR EROSION CONTROL, CLASS A

285	TON	STONE FOR EROSION CONTROL, CLASS B
240	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
350	LF	SAFETY FENCE
540	CY	SILT EXCAVATION
850	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
125	SY	PERMANENT SOIL REINFORCEMENT MAT
515	LF	1/4" HARDWARE CLOTH
25	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
4.5	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
3	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.3	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+65.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+65.00-L-)
3,046	SF	REINFORCED CONCRETE DECK SLAB
3,067	SF	GROOVING BRIDGE FLOORS
59.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+65.00-L-)
9,194	LB	REINFORCING STEEL (BRIDGE)
97,900	LS	APPROX LBS STRUCTURAL STEEL
195	LF	HP12X53 STEEL PILES
14	EA	STEEL PILE POINTS
194.92	LF	CONCRETE BARRIER RAIL
202	TON	RIP RAP CLASS II (2'-0" THICK)
224	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

L080520 019

CONTRACT ID : C201835 33433.3.1

DIV OFFICE SYLVA

LENGTH = 0.107 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : JUL 01 2009

BRIDGE OVER HANGING DOG CREEK & APPROACHES ON SR-1347.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+66.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZA- TION
7	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
30	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
76	TON	AGGREGATE BASE COURSE
300	TON	INCIDENTAL STONE BASE
50	GAL	PRIME COAT
192	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
125	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
20	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
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	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
28	LF	SHOULDER BERM GUTTER
100	LF	STEEL BM GUARDRAIL
112.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
1	EA	GENERIC FENCING ITEM RESET EXISTING GATE
20	TON	RIP RAP, CLASS B
230	SY	FILTER FABRIC FOR DRAINAGE
104	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
44	EA	DRUMS
25	EA	CONES
48	LF	BARRICADES (TYPE III)
40	MD	FLAGGER
1	EA	TMIA
7,419	LF	PAINT PAVEMENT MARKING LINES (4")
300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
650	LF	TEMPORARY SILT FENCE
90	TON	STONE FOR EROSION CONTROL, CLASS A
170	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING

0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
325	LF	SAFETY FENCE
420	CY	SILT EXCAVATION
750	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
105	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
100	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
27	LB	GENERIC EROSION CONTROL ITEM POLYACRYLAMIDE (PAM)
75	LF	GENERIC EROSION CONTROL ITEM WATTLE

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+66.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+66.00-L-)
3,216	SF	REINFORCED CONCRETE DECK SLAB
2,940	SF	GROOVING BRIDGE FLOORS
34	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+66.00-L-)
6,376	LB	REINFORCING STEEL (BRIDGE)
115,600	LS	APPROX LBS STRUCTURAL STEEL
175	LF	HP14X73 STEEL PILES
14	EA	STEEL PILE POINTS
232.67	LF	CONCRETE BARRIER RAIL
174	TON	RIP RAP CLASS II (2'-0" THICK)
194	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080520 020

CONTRACT ID : C201760 33493.3.1

DIV OFFICE SYLVA

LENGTH = 0.136 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : AUG 01 2009

BRIDGE OVER RICHLAND CREEK & APPROACHES ON SR-1519.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
10	CY	UNDERCUT EXCAVATION
250	TON	CLASS IV SUBGRADE STABILIZATION
250	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
22	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
44	LF	24" SIDE DRAIN PIPE
20	LF	15" RC PIPE CULVERTS, CLASS III
200	TON	INCIDENTAL STONE BASE
150	SY	INCIDENTAL MILLING
350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
290	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
12	CY	SUBDRAIN EXCAVATION
9	CY	SUBDRAIN FINE AGGREGATE
50	LF	6" PERFORATED SUBDRAIN PIPE
2	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
44	LF	SHOULDER BERM GUTTER
200	LF	STEEL BM GUARDRAIL
37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
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
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)
4	TON	RIP RAP, CLASS I
65	TON	RIP RAP, CLASS A
8	TON	RIP RAP, CLASS B
535	SY	FILTER FABRIC FOR DRAINAGE
48	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	CHANGEABLE MESSAGE SIGN
100	EA	DRUMS
48	LF	BARRICADES (TYPE III)
200	HR	FLAGGER
11,034	LF	PAINT PAVEMENT MARKING LINES (4")
730	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
3	EA	7" U-CHANNEL POSTS
3	EA	OBJECT MARKERS (END OF ROAD)
298	LF	8" SANITARY GRAVITY SEWER
775	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A

205	TON	STONE FOR EROSION CONTROL, CLASS B
160	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
30	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
725	LF	SAFETY FENCE
955	CY	SILT EXCAVATION
410	SY	MATTING FOR EROSION CONTROL
15	SY	COIR FIBER MAT
275	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
300	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
2.5	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+85.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+85.00-L-)
11	LF	4'-0" DIA DRILLED PIERS IN SOIL
27	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
14	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
600	CY	UNCLASSIFIED STRUCTURE EXCAVATION
5,868	SF	REINFORCED CONCRETE DECK SLAB
5,841	SF	GROOVING BRIDGE FLOORS
73.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+85.00-L-)
14,903	LB	REINFORCING STEEL (BRIDGE)
1,328	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
231,000	LS	APPROX LBS STRUCTURAL STEEL
195	LF	HP12X53 STEEL PILES
13	EA	STEEL PILE POINTS
297.11	LF	TWO BAR METAL RAIL
312.11	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-6")
309	TON	RIP RAP CLASS II (2'-0" THICK)
343	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

