




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 22, 2005

MEMORANDUM TO: Prospective Bidders

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

SUBJECT: Erosion and Sediment Control/ Stormwater Certification Training

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

Three (3) levels of certification are planned:

- Level I will target Installers/Inspectors involved with the installation and inspection of temporary and permanent erosion and sediment control/stormwater bid items. Candidates are: contractor's/subcontractor's foreman on an Erosion Control Installation Crew or Seeding and Mulching Crew; and CEI TT's inspecting erosion control/stormwater bid items. Level I certification training classes will begin in 2006 with a goal of having Level I personnel on projects that have erosion control plans beginning in 2007. **No action may be taken on Level I training until early 2006.**
- Level II will target CEI TT's serving as the chief or lead inspector on a project. Also, Level II will target contractor's/subcontractor's site manager for: grading operations; bridge/culvert operations over rivers/streams; and utility operations involving earth disturbance. One Level II site manager for each crew. Level II certification training classes will be held in March 2005 and again in late 2005 with a goal of having certified contractors/subcontractors and CEI TT's on projects that have erosion control plans beginning in 2006. **Early registration encouraged.**

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.DOH.DOT.STATE.NC.US

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

Prospective Bidders

March 22, 2005

Page 2

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

To obtain detailed information regarding the certification program, review locations for Level II classes or registration, please visit the certification website at:

www.bae.ncsu.edu/workshops/dot/index.html

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

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

TMS




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 18, 2005

MEMORANDUM TO: All Prequalified Contractors
FROM: R. A. Garris, P.E. 
Contract Officer
RE: OCR Assistance meeting Contract Goals

The North Carolina Department of Transportation implements a Disadvantaged Business Enterprise Program in accordance with U.S. Department of Transportation requirements, and a Minority/Women Business Enterprise Program in accordance with state law. These programs assist disadvantaged, minority, and women-owned business enterprises (D/M/WBE) gain contracting opportunities with NCDOT.

NCDOT's Office of Civil Rights and Business Development (OCR) is charged with administering both the DBE and M/WBE Program, and with assisting NCDOT achieve annual goals for firms certified into the programs. D/M/WBE participation goals are met by the establishment of contract goals on projects let by the Department. Contractors bidding on NCDOT projects are expected to make every reasonable effort in good faith to reach the goals set on each project.

The Office of Civil Rights and Business Development is ready and willing to assist any contractor needing assistance securing D/M/WBE firms to participate as subcontractors on NCDOT projects. Three (3) Business Development Specialists are assigned to assist prime contractors and potential subcontractors connect to achieve contract goals. Contractors are encouraged to contact the Business Development Specialists as part of their good-faith effort to reach the contract goals and to discover potential partners for other projects across the state.

Bennington Corporation formerly provided consulting services to the Office of Civil Rights and assisted with D/M/WBE outreach. This agreement is no longer in affect, therefore, contractors should contact OCR directly for assistance with locating firms to bid as subcontractors. OCR's Business Development Specialists and their respective division responsibilities are listed below:

Specialist Name	Phone Number	Email Address	NCDOT Division
Thomas Burt	(919) 807-0851	Tburt@dot.state.nc.us	1, 2, 3, 4, 6
Lorenzo Jackson	(919) 807-0845	Lzjackson@dot.state.nc.us	5, 7, 11, 13, 14
Nathaniel Sanders, Jr.	(919) 807-0846	Nsanders@dot.state.nc.us	8, 9, 10, 12

If you have any questions about our programs or are not certain which Business Development Specialist to work with, contact Shelton A. Russell at (919) 807-0852 or email sarussell@dot.state.nc.us.

**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 APRIL 19, 2005**. 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. AN ORIGINAL PROPERLY EXECUTED NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION SHALL BE ON FILE IN THE CONTRACT OFFICE FROM EACH PROSPECTIVE BIDDER PRIOR TO SUBMITTING AN ELECTRONIC BID. FORMS ARE AVAILABLE AT
http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm

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.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm

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).

STATE PRIVILEGE LICENSE TAXES: CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

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 MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO 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 MARCH 22, 2005.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Anthony W Roper, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	Cornelius E Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILLINGTON	(910) 251-5724
00004	Jim H Trogdon, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Jonathan G Nance, PE	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	Terry R Gibson, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Benton G Payne, 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 L050419

RPN	Contract Id	WBS	County	Length	JobType
001	C201422	38224	BRUNSWICK	3.420 MI	WIDENING, GRADING, DRAINAGE, RESURFACING & PAVEMENT MRKINGS.
002	C201204	33664.3.1	WILSON	0.237 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C200841	33070.3.1	DURHAM	0.303 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
004	C201201	33319.3.1	MOORE	0.199 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
005	C201455	32980.3.1	ASHE	0.240 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
006	C201456	33263.3.2	AVERY	0.189 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
007	C201168	33360.3.1	WATAUGA	0.261 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
008	C201202	33356.3.1	WATAUGA	0.038 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
009	C200916	33317.3.1	MCDOWELL	0.064 MI	GRADING, DRAINAGE, PAVING & CULVERT.
010	C201012	34910.2.2	BUNCOMBE	0.142 MI	GRADING, DRAINAGE, PAVING, SIGNALS & SIGNING.
011	C201203	33602.3.1	RUTHERFORD	0.163 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
012	C201070	33527.3.1	MACON	0.126 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L050419 001

CONTRACT ID : C201422 38224

DIV OFFICE WILLINGTON

LENGTH = 3.420 MI

COUNTY : BRUNSWICK

WIDENING, GRADING, DRAINAGE, RESURFACING & PAVEMENT MRKINGS.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 15 2006

NC-211 FROM ST. JAMES ENTRANCE TO NC-133 NORTH.

ROADWAY ITEMS

			67,150	LF	PAINT PAVEMENT MARKING LINES (4")
			550	LF	PAINT PAVEMENT MARKING LINES (8")
			220	LF	PAINT PAVEMENT MARKING LINES (24")
			24	EA	PAINT PAVEMENT MARKING CHARACTER
			116	EA	PAINT PAVEMENT MARKING SYMBOL
			840	EA	SNOWPLOWABLE PAVEMENT MARKERS
			Lump Sum	LS	PORTABLE LIGHTING
			11,000	LF	TEMPORARY SILT FENCE
			100	TON	STONE FOR EROSION CONTROL, CLASS B
			40	TON	SEDIMENT CONTROL STONE
			144	LF	1/4" HARDWARE CLOTH
			2	ACR	SEEDING & MULCHING
Lump Sum	LS	MOBILIZATION			
1,800	CY	UNCLASSIFIED EXCAVATION			
2,600	CY	BORROW EXCAVATION			
0.2	SMI	GENERIC GRADING ITEM GRADING PER SHOULDER MILE			
111	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
8	LF	15" RC PIPE CULVERTS, CLASS III			
409	LF	18" RC PIPE CULVERTS, CLASS III			
32	LF	24" RC PIPE CULVERTS, CLASS III			
517	LF	30" RC PIPE CULVERTS, CLASS III			
64	LF	42" RC PIPE CULVERTS, CLASS III			
16	LF	*** CAA PIPE CULVERTS, ***** THICK (30", 0.079")			
412	LF	PIPE REMOVAL			
140	TON	INCIDENTAL STONE BASE			
6.66	SMI	SHOULDER RECONSTRUCTION			
6,500	SY	INCIDENTAL MILLING			
3,457	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
18,643	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
9,214	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,578	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
30	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)			
270	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)			
3	CY	PIPE COLLARS			
10	EA	MASONRY DRAINAGE STRUCTURES			
3	EA	FRAME WITH TWO GRATES, STD 840.16			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
5	EA	FRAME WITH COVER, STD 840.54			
350	LF	2'-6" CONCRETE CURB & GUTTER			
340	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
30	SY	GENERIC PAVING ITEM INCIDENTAL CONCRETE			
962.5	LF	STEEL BM GUARDRAIL			
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
67,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)			
116	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050419 002

CONTRACT ID : C201204 33664.3.1

DIV OFFICE WILSON

LENGTH = 0.237 MI

COUNTY : WILSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : SEP 01 2006

BRIDGE OVER TURKEY CREEK AND APPROACHES ON SR-1131.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+80.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
500	CY	UNDERCUT EXCAVATION
700	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
70	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
20	LF	15" SIDE DRAIN PIPE
28	LF	18" SIDE DRAIN PIPE
532	LF	15" RC PIPE CULVERTS, CLASS III
68	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
25	TON	INCIDENTAL STONE BASE
460	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
400	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
46	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
11	EA	RIGHT OF WAY MARKERS
7	EA	MASONRY DRAINAGE STRUCTURES
7	LF	MASONRY DRAINAGE STRUCTURES
7	EA	FRAME WITH GRATE, STD 840.29
Lump Sum	LS	GENERIC DRAINAGE ITEM HAZARDOUS SPILL BASIN
Lump Sum	LS	GENERIC DRAINAGE ITEM HAZARDOUS SPILL BASIN W/ LEVEL SPREADER
635	LF	SHOULDER BERM GUTTER
35	SY	4" CONCRETE PAVED DITCH
850	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
250	TON	PLAIN RIP RAP, CLASS I
74	TON	PLAIN RIP RAP, CLASS B
1,037	SY	FILTER FABRIC FOR DRAINAGE
493	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	WARNING FLAG SETS
64	LF	BARRICADES (TYPE III)
10,000	LF	PAINT PAVEMENT MARKING LINES (4")
17	EA	PERMANENT RAISED PAVEMENT MARKERS
2,075	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
240	TON	STONE FOR EROSION CONTROL, CLASS B
110	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING

170	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,000	LF	SAFETY FENCE
870	CY	SILT EXCAVATION
1,155	SY	MATTING FOR EROSION CONTROL
50	SY	PERMANENT SOIL REINFORCEMENT MAT
140	LF	1/4" HARDWARE CLOTH
4	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
2.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+80.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (23+80.00 -L-)
3,997	SF	REINFORCED CONCRETE DECK SLAB
4,421	SF	GROOVING BRIDGE FLOORS
45.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+80.00 -L-)
7,466	LB	REINFORCING STEEL (BRIDGE)
128,900	LS	APPROX LBS STRUCTURAL STEEL
675	LF	HP12X53 STEEL PILES
255.83	LF	CONCRETE BARRIER RAIL
218	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
242	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

L050419 003

CONTRACT ID : C200841 33070.3.1

DIV OFFICE DURHAM

LENGTH = 0.303 MI

COUNTY : DURHAM

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 11.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER SANDY CREEK & BRIDGE OVER TRIBUTARY OF SANDY CREEK & APPROACHES ON SR-1116.

ROADWAY ITEMS

			2,600	LF	2'-6" CONCRETE CURB & GUTTER
			1,580	LF	SHOULDER BERM GUTTER
			150	LF	CONCRETE VALLEY GUTTER
			715	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	MOBILIZATION	90	SY	CONCRETE WHEELCHAIR RAMPS
Lump Sum	LS	GRADING	1	EA	ADJUSTMENT OF MANHOLES
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	512.5	LF	STEEL BM GUARDRAIL
500	CY	UNDERCUT EXCAVATION	50	LF	STEEL BM GUARDRAIL, SHOP CURVED
250	TON	CLASS IV SUBGRADE STABILIZA- TION	5	EA	ADDITIONAL GUARDRAIL POSTS
160	CY	DRAINAGE DITCH EXCAVATION	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
2,000	CY	SELECT GRANULAR MATERIAL	8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2,000	SY	FABRIC FOR SOIL STABILIZATION	7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
360	SF	TEMPORARY SHORING	412.5	LF	TEMPORARY STEEL BM GUARDRAIL
200	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
253	LF	15" RC PIPE CULVERTS, CLASS III	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
360	LF	18" RC PIPE CULVERTS, CLASS III	55	TON	PLAIN RIP RAP, CLASS A
234	LF	24" RC PIPE CULVERTS, CLASS III	55	TON	PLAIN RIP RAP, CLASS B
454	LF	30" RC PIPE CULVERTS, CLASS III	875	SY	FILTER FABRIC FOR DRAINAGE
234	LF	*** CS PIPE CULVERTS, ***** THICK (72", 138")	9	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
224	LF	15" CS PIPE CULVERTS, 0.064" THICK	12	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
78	LF	*** X *** CS PIPE ARCH CUL- VERTS, ***** THICK (142" X 91", 0.138")	10	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
92	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	95	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
24	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	2	EA	SIGN ERECTION, TYPE D
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	2	EA	SIGN ERECTION, TYPE E
2	EA	24" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK	6	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
706	LF	PIPE REMOVAL	132	SF	WORK ZONE SIGNS (STATIONARY)
75	TON	INCIDENTAL STONE BASE	176	SF	WORK ZONE SIGNS (PORTABLE)
180	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/4")	154	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	100	EA	DRUMS
2,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	20	EA	CONES
1,400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	174	LF	BARRICADES (TYPE III)
300	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	320	HR	FLAGGER
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	80	LF	PORTABLE CONCRETE BARRIER
23	EA	RIGHT OF WAY MARKERS	200	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
60	CY	SUBDRAIN EXCAVATION	163	EA	TEMPORARY RAISED PAVEMENT MARKERS
45	CY	SUBDRAIN FINE AGGREGATE	720	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
250	LF	6" PERFORATED SUBDRAIN PIPE	4,310	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
23	EA	MASONRY DRAINAGE STRUCTURES	36,820	LF	PAINT PAVEMENT MARKING LINES (4")
18.86	LF	MASONRY DRAINAGE STRUCTURES	80	EA	PERMANENT RAISED PAVEMENT MARKERS
8	EA	FRAME WITH TWO GRATES, STD 840.29	Lump Sum	LS	PORTABLE LIGHTING
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	25	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	25	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	59	LF	6" DI WATER PIPE, PC 350
			236	LF	16" DI WATER PIPE, PC ***** (350)
			60	LF	3/4" COPPER WATER PIPE, TYPE K

			1,060	LF	HP12X53 STEEL PILES	
			960	LF	HP14X73 STEEL PILES	
			Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (22+37.00 -L-)	
1,035	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP				
	2	EA			RELOCATE EXISTING WATER METER	360.4
	2	EA			FIRE HYDRANT, ****# WP (150)	489
	450	LF			FILL OR REMOVE ABANDONED 16" PIPE, ***** (DI - WATER)	544
	1	EA			GENERIC UTILITY ITEM 16" GATE VALVE AND VALVE MANHOLE,200#WP	Lump Sum
	230	LF			GENERIC UTILITY ITEM 20" HDPE WATER PIPE, SDR 9, 200 # WP BY DIRECTIONAL BORE	LS
	1,900	LF			TEMPORARY SILT FENCE	Lump Sum
	175	TON			STONE FOR EROSION CONTROL, CLASS A	LS
	675	TON			STONE FOR EROSION CONTROL, CLASS B	3,901.67
	475	TON			SEDIMENT CONTROL STONE	9,040
	3	ACR			TEMPORARY MULCHING	SF
	100	LB			SEED FOR TEMPORARY SEEDING	GENERIC STRUCTURE ITEM
	0.5	TON			FERTILIZER FOR TEMPORARY SEEDING	CONCRETE WEARING SURFACE
	150	LF			TEMPORARY SLOPE DRAINS	
	5	EA			INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
	1,450	CY			SILT EXCAVATION	
	2,210	SY			MATTING FOR EROSION CONTROL	
	300	LF			1/4" HARDWARE CLOTH	
	6	EA			SPECIAL STILLING BASINS	
	4	ACR			SEEDING & MULCHING	
	1.5	ACR			MOWING	
	50	LB			SEED FOR REPAIR SEEDING	
	0.25	TON			FERTILIZER FOR REPAIR SEEDING	
	75	LB			SEED FOR SUPPLEMENTAL SEEDING	
	3	TON			FERTILIZER TOPDRESSING	
	4	HR			SPECIALIZED HAND MOWING	
	12	EA			RESPONSE FOR EROSION CONTROL	
	1	ACR			REFORESTATION	

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (22+37.00 -L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+31.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+31.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+37.00 -L-)
54.6	LF	3'-6" DIA DRILLED PIERS IN SOIL
25.5	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
54.6	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	CROSSHOLE SONIC LOGGING
350.4	LF	CSL TUBES
1,646	CY	UNCLASSIFIED STRUCTURE EXCAVATION
10,400	SF	GROOVING BRIDGE FLOORS
111.2	CY	CLASS AA CONCRETE (BRIDGE)
211.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+31.00 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+37.00 -L-)
35,862	LB	REINFORCING STEEL (BRIDGE)
2,723	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,998	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050419 004

CONTRACT ID : C201201 33319.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.199 MI

COUNTY : MOORE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : MAY 15 2006

BRIDGE OVER GRASSY CREEK & APPROACHES ON SR-1456.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+70.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
450	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
7,500	CY	BORROW EXCAVATION
85	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
572	LF	15" RC PIPE CULVERTS, CLASS III
220	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
6	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
100	TON	INCIDENTAL STONE BASE
625	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
375	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
53	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	CY	ENDWALLS
8	EA	MASONRY DRAINAGE STRUCTURES
3	LF	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.24
5	EA	FRAME WITH TWO GRATES, STD 840.29
650	LF	SHOULDER BERM GUTTER
30	LF	CONCRETE VALLEY GUTTER
1,000	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
660	SY	FILTER FABRIC FOR DRAINAGE
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
320	SF	WORK ZONE SIGNS (STATIONARY)
122	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	WARNING FLAG SETS
20	EA	DRUMS
120	LF	BARRICADES (TYPE III)
8,400	LF	PAINT PAVEMENT MARKING LINES (4")
13	EA	PERMANENT RAISED PAVEMENT MARKERS
825	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
225	TON	STONE FOR EROSION CONTROL, CLASS B
465	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
100	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
1,230	CY	SILT EXCAVATION
1,950	SY	MATTING FOR EROSION CONTROL
740	LF	1/4" HARDWARE CLOTH

8	EA	SPECIAL STILLING BASINS
3.5	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.5	TON	FERTILIZER TOPDRESSING
3	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+70.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+70.00 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2, 17+70.00 -L-)
14	LF	3'-6" DIA DRILLED PIERS IN SOIL
30	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
14	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	CROSSHOLE SONIC LOGGING
216	LF	CSL TUBES
1,350	CY	UNCLASSIFIED STRUCTURE EXCAVATION
5,251	SF	REINFORCED CONCRETE DECK SLAB
5,546	SF	GROOVING BRIDGE FLOORS
100	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+70.00 -L-)
19,595	LB	REINFORCING STEEL (BRIDGE)
2,171	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
623.32	LF	45" PRESTRESSED CONCRETE GIRDERS
105	LF	HP12X53 STEEL PILES
315.83	LF	CONCRETE BARRIER RAIL
920	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
1,023	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

L050419 005

CONTRACT ID : C201455 32980.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.240 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER BUFFALO CREEK & APPROACHES ON NC-88.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	960	LF	SHOULDER BERM GUTTER
Lump Sum	LS	CONSTRUCTION SURVEYING	662.5	LF	STEEL BM GUARDRAIL
2,200	SF	GENERIC MISCELLANEOUS ITEM ROCK PLATING	75	LF	STEEL BM GUARDRAIL, SHOP CURVED
96,000	CY	UNCLASSIFIED EXCAVATION	5	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+36.00 -L-)	4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
500	CY	UNDERCUT EXCAVATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	GRADING	760	LF	REMOVE EXISTING GUARDRAIL
1,000	TON	CLASS IV SUBGRADE STABILIZA- TION	290	TON	PLAIN RIP RAP, CLASS I
500	CY	SELECT GRANULAR MATERIAL	13	TON	PLAIN RIP RAP, CLASS B
500	SY	FABRIC FOR SOIL STABILIZATION	1,270	SY	FILTER FABRIC FOR DRAINAGE
150	SF	TEMPORARY SHORING	24	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
134	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	79	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
56	LF	15" SIDE DRAIN PIPE	215	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
896	LF	15" RC PIPE CULVERTS, CLASS III	2	EA	SIGN ERECTION, TYPE D
100	LF	18" RC PIPE CULVERTS, CLASS III	11	EA	SIGN ERECTION, TYPE E
108	LF	18" CS PIPE CULVERTS, 0.064" THICK	18	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
4	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	296	SF	WORK ZONE SIGNS (STATIONARY)
92	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	170	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	47	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	LF	PIPE REMOVAL	2	EA	WARNING FLAG SETS
260	TON	AGGREGATE BASE COURSE	60	EA	DRUMS
75	TON	INCIDENTAL STONE BASE	60	EA	CONES
30	SY	INCIDENTAL MILLING	148	LF	BARRICADES (TYPE III)
1,290	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	120	MD	FLAGGER
640	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE II9.0B	1	EA	TEMPORARY CRASH CUSHIONS
780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
133	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	40	LF	PORTABLE CONCRETE BARRIER
55	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	520	LF	REMOVABLE TAPE PAVEMENT MARK- ING LINES (4")
12	EA	RIGHT OF WAY MARKERS	34	EA	TEMPORARY RAISED PAVEMENT MARKERS
155	CY	SUBDRAIN EXCAVATION	8,904	LF	PAINT PAVEMENT MARKING LINES (4")
80	CY	SUBDRAIN FINE AGGREGATE	80	LF	PAINT PAVEMENT MARKING LINES (24")
450	LF	6" PERFORATED SUBDRAIN PIPE	5,704	LF	POLYUREA PAVEMENT MARKING LINES (4")
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	40	LF	POLYUREA PAVEMENT MARKING LINES (24")
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	5	EA	POLYUREA PAVEMENT MARKING SYMBOL
6	LF	6" OUTLET PIPE (SUBDRAINS)	780	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2	CY	REINFORCED ENDWALLS	33	EA	SNOWPLOWABLE PAVEMENT MARKERS
0.35	CY	PIPE PLUGS	950	LF	TEMPORARY SILT FENCE
12	EA	MASONRY DRAINAGE STRUCTURES	225	TON	STONE FOR EROSION CONTROL, CLASS A
20	LF	MASONRY DRAINAGE STRUCTURES	550	TON	STONE FOR EROSION CONTROL, CLASS B
2	EA	FRAME WITH TWO GRATES, STD 840.24	490	TON	SEDIMENT CONTROL STONE
8	EA	FRAME WITH TWO GRATES, STD 840.29	8.5	ACR	TEMPORARY MULCHING
2	EA	FRAME WITH COVER, STD 840.54	300	LB	SEED FOR TEMPORARY SEEDING
2	EA	*** SLUICE GATE (25")	1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
Lump Sum	LS	GENERIC DRAINAGE ITEM HAZARDOUS WASTE RETENTION BASIN	115	LF	TEMPORARY SLOPE DRAINS
			1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			600	LF	SAFETY FENCE
			1,800	CY	SILT EXCAVATION
			1,405	SY	MATTING FOR EROSION CONTROL
			700	LF	1/4" HARDWARE CLOTH

4	EA	SPECIAL STILLING BASINS
14	ACR	SEEDING & MULCHING
5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
10.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.2	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+36.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+36.00 -L-)
48	LF	3'-0" DIA DRILLED PIERS IN SO IL
60	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
472	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+36.00 -L-)
5,178	SF	REINFORCED CONCRETE DECK SLAB
5,310	SF	GROOVING BRIDGE FLOORS
94	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+36.00 -L-)
21,891	LB	REINFORCING STEEL (BRIDGE)
2,314	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
641.5	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
195	LF	HP12X53 STEEL PILES
13	EA	STEEL PILE POINTS
219.19	LF	CONCRETE BARRIER RAIL
605	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
670	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

L050419 006

CONTRACT ID : C201456 33263.3.2

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.189 MI

COUNTY : AVERY

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2006

BRIDGE ON HENSON CREEK & APPROACHES ON SR-1126.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
9,000	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+13.50)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
600	TON	CLASS IV SUBGRADE STABILIZA- TION
240	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
65	SF	TEMPORARY SHORING
60	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
44	LF	24" SIDE DRAIN PIPE
36	LF	18" RC PIPE CULVERTS, CLASS III
56	LF	30" RC PIPE CULVERTS, CLASS III
212	LF	*** CS PIPE CULVERTS, ***** THICK (72", 0.138")
52	LF	15" CS PIPE CULVERTS, 0.064" THICK
60	LF	24" CS PIPE CULVERTS, 0.064" THICK
68	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK
526	LF	PIPE REMOVAL
335	TON	AGGREGATE BASE COURSE
75	TON	INCIDENTAL STONE BASE
410	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
575	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
55	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
2	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (16")
16	EA	RIGHT OF WAY MARKERS
410	CY	SUBDRAIN EXCAVATION
210	CY	SUBDRAIN FINE AGGREGATE
1,200	LF	6" PERFORATED SUBDRAIN PIPE
36	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
3	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
18	LF	6" OUTLET PIPE (SUBDRAINS)
2	CY	ENDWALLS
10.6	CY	REINFORCED ENDWALLS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
402.34	SF	GENERIC DRAINAGE ITEM TEMPORARY SANDBAG HEADWALL
45	LF	SHOULDER BERM GUTTER
200	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
87.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS

1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BIC)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
262.5	LF	TEMPORARY STEEL BM GUARDRAIL
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
13	TON	PLAIN RIP RAP, CLASS I
200	TON	PLAIN RIP RAP, CLASS B
830	SY	FILTER FABRIC FOR DRAINAGE
160	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
42	EA	DRUMS
21	EA	CONES
36	LF	BARRICADES (TYPE III)
1,800	HR	FLAGGER
4	EA	WARNING LIGHTS (TYPE B)
1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)
62	EA	TEMPORARY RAISED PAVEMENT MARKERS
21,200	LF	PAINT PAVEMENT MARKING LINES (4")
550	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
195	TON	STONE FOR EROSION CONTROL, CLASS B
290	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
65	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
990	LF	SAFETY FENCE
1,015	CY	SILT EXCAVATION
890	SY	MATTING FOR EROSION CONTROL
610	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
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
1	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.7	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+13.50 -L-)
66.5	LF	***-***" DIA DRILLED PIERS IN SOIL (2'-6")
34.5	LF	***-***" DIA DRILLED PIERS NOT IN SOIL (2'-6")

60.3	LF	PERMANENT STEEL CASING FOR ***.*** DIA DRILLED PIER (2'-6")
1	EA	CROSSHOLE SONIC LOGGING
464	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+13.50 -L-)
2,553.1	SF	GROOVING BRIDGE FLOORS
26.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+13.50 -L-)
9,460	LB	REINFORCING STEEL (BRIDGE)
1,496	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
90.29	LF	CONCRETE BARRIER RAIL
74	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
82	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
495	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
2,847	SF	GENERIC STRUCTURE ITEM CONCRETE WEARING SURFACE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050419 007

CONTRACT ID : C201168 33360.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.261 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2006

BRIDGES OVER MEAT CAMP CREEK & APPROACHES ON SR-1340.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+60-L1-)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (32+86-L2-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
450	TON	SELECT MATERIAL, CLASS ***** (VI)
590	TON	SELECT MATERIAL, CLASS ***** (VII)
80	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
72	LF	15" SIDE DRAIN PIPE
40	LF	15" RC PIPE CULVERTS, CLASS III
48	LF	18" RC PIPE CULVERTS, CLASS III
264	LF	*** CS PIPE CULVERTS, ***** THICK (48", 0.109")
200	LF	*** CS PIPE CULVERTS, ***** THICK (72", 0.138")
32	LF	15" CS PIPE CULVERTS, 0.064" THICK
80	LF	18" CS PIPE CULVERTS, 0.064" THICK
3	EA	*** CS PIPE ELBOWS, ***** THICK (48", 0.109")
2	EA	*** CS PIPE ELBOWS, ***** THICK (72", 0.138")
609	LF	PIPE REMOVAL
580	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
630	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
15	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
24	EA	RIGHT OF WAY MARKERS
0.13	CY	PIPE PLUGS
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
18	CY	CONCRETE RETAINING WALLS
125	LF	SHOULDER BERM GUTTER
590	LF	CONCRETE EXPRESSWAY GUTTER
250	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
5	EA	GUARDRAIL ANCHOR UNITS, TYPE III
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
137.5	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY

13	TON	PLAIN RIP RAP, CLASS B
1,380	SY	FILTER FABRIC FOR DRAINAGE
500	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
50	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
12	EA	WARNING FLAG SETS
60	EA	DRUMS
41	EA	CONES
100	LF	BARRICADES (TYPE III)
80	MD	FLAGGER
4	EA	TEMPORARY CRASH CUSHIONS
1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)
285	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
5,810	LF	EPOXY PAVEMENT MARKING LINES (4")
2,800	LF	PAINT PAVEMENT MARKING LINES (4")
40	LF	PAINT PAVEMENT MARKING LINES (24")
1,390	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
52	LF	3/4" PE WATER TUBING, SDR 9, *****WP (200# WP)
750	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
245	TON	STONE FOR EROSION CONTROL, CLASS B
320	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
640	LF	SAFETY FENCE
455	CY	SILT EXCAVATION
1,170	SY	MATTING FOR EROSION CONTROL
440	SY	PERMANENT SOIL REINFORCEMENT MAT
580	LF	1/4" HARDWARE CLOTH
3	EA	SPECIAL STILLING BASINS
3.1	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
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+59.50-L1-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+85.50-L2-)
90	LF	PILE EXCAVATION IN SOIL
87	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (23+59.50-L1-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (32+85.50-L2-)

62	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+59.50-L1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (32+85.50-L2-)
9,596	LB	REINFORCING STEEL (BRIDGE)
335	LF	HP12X53 STEEL PILES
167.26	LF	CONCRETE BARRIER RAIL
335	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
373	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
836.26	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050419 008

CONTRACT ID : C201202 33356.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.038 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : AUG 15 2006

BRIDGE OVER COVE CREEK & APPROACHES ON SR-1149.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+06.50)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
250	TON	CLASS IV SUBGRADE STABILIZATION
4,600	CY	BORROW EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
9	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
24	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
56	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
56	LF	PIPE REMOVAL
4	EA	PIPE CLEAN-OUT
50	TON	INCIDENTAL STONE BASE
35	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
25	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
4	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
9	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
35	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
25	LF	SHOULDER BERM GUTTER
12.5	LF	STEEL BM GUARDRAIL
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
1	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
120	TON	PLAIN RIP RAP, CLASS II
500	TON	PLAIN RIP RAP, CLASS A
2	TON	PLAIN RIP RAP, CLASS B
2,280	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
104	SF	WORK ZONE SIGNS (STATIONARY)
276	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
20	EA	CONES
100	LF	BARRICADES (TYPE III)
4	EA	WARNING LIGHTS (TYPE B)

1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
20,000	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (24")
3	EA	7' U-CHANNEL POSTS
3	EA	OBJECT MARKERS (END OF ROAD)
500	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
65	TON	STONE FOR EROSION CONTROL, CLASS B
120	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
20	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
145	CY	SILT EXCAVATION
200	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
1	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
325	TON	SELECT BACKFILL MATERIAL, CLASS ** (VI)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (11+06.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+06.50 -L-)
60.8	LF	3'-0" DIA DRILLED PIERS IN SOIL
39	LF	3'-6" DIA DRILLED PIERS IN SOIL
55	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
25	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
16	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
3	EA	CROSSHOLE SONIC LOGGING
829.1	LF	CSL TUBES
4,901	SF	REINFORCED CONCRETE DECK SLAB
4,784	SF	GROOVING BRIDGE FLOORS
144.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+06.50 -L-)
35,623	LB	REINFORCING STEEL (BRIDGE)
4,997	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)

602.74	LF	45" PRESTRESSED CONCRETE GIRDERS
105	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
675	SF	*** STEEL SHEET PILES (18")
291	LF	ONE BAR METAL RAIL
306.33	LF	1'-***X ***** CONCRETE PARAPET (1'-0" X 1'-6")
173	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
193	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

L050419 009

CONTRACT ID : C200916 33317.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.064 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 7.0% COMPLETION DATE : OCT 15 2005

BRIDGE OVER FORK MUDDY CREEK & APPROACHES ON SR-1737.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
11	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
48	LF	24" RC PIPE CULVERTS, CLASS III
20	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
28	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
50	TON	INCIDENTAL STONE BASE
337	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
149	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
14	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH GRATE, STD 840.29
65	LF	SHOULDER BERM GUTTER
200	LF	STEEL BM GUARDRAIL
37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	PLAIN RIP RAP, CLASS B
157	SY	FILTER FABRIC FOR DRAINAGE
16.07	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
27	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
181	SF	WORK ZONE SIGNS (STATIONARY)
316	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
264	LF	BARRICADES (TYPE III)
2,480	LF	PAINT PAVEMENT MARKING LINES (4")
415	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
145	TON	STONE FOR EROSION CONTROL, CLASS B
65	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
115	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
275	CY	SILT EXCAVATION
455	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
30	CY	STILLING BASINS
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
200	LF	IMPERVIOUS DIKE
1	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+84.12 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (12+84.12 -L-)
133	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
247.8	CY	CLASS A CONCRETE (CULVERT)
41,648	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050419 010

CONTRACT ID : C201012 34910.2.2

DIV OFFICE ASHEVILLE

LENGTH = 0.142 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING, SIGNALS & SIGNING.

DBE GOAL 8.0% COMPLETION DATE : AUG 15 2006

INTERSECTION OF I-240, US-25 (MERRIMON AVE) AND SR-1781 (BROADWAY ST) IN ASHEVILLE.

ROADWAY ITEMS

			1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
			349	LF	WATER FILLED BARRIER
			612	LF	RESET WATER FILLED BARRIER
			20	HR	POLICE
			64	EA	TEMPORARY RAISED PAVEMENT MARKERS
			756	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			1,488	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			313	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			720	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			169	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
			22	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			6,297	LF	PAINT PAVEMENT MARKING LINES (4")
			2,066	LF	PAINT PAVEMENT MARKING LINES (8")
			338	LF	PAINT PAVEMENT MARKING LINES (24")
			8	EA	PAINT PAVEMENT MARKING CHARACTER
			46	EA	PAINT PAVEMENT MARKING SYMBOL
			220	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			84	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			64	EA	SNOWPLOWABLE PAVEMENT MARKERS
			35	EA	FLEXIBLE DELINEATORS (CRYSTAL)
			35	EA	FLEXIBLE DELINEATORS (YELLOW)
			5	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
			5	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
			4	EA	80" HIGH MOUNT STANDARD
			1	EA	PORTABLE DRIVE UNIT
			12	CY	HIGH MOUNT FOUNDATIONS
			7	EA	STANDARD FOUNDATIONS ***** (R1)
			24	EA	LIGHT STANDARD LUMINAIRES, TYPE RDW 250W HPS
			50	LF	ELECTRIC SERVICE LATERAL ***** (3#1/0, USE)
			1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)
			300	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
			530	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
			75	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
			1,540	LF	** #8 W/G FEEDER CIRCUIT (2)
			990	LF	** #6 W/G FEEDER CIRCUIT (2)
			510	LF	** #4 W/G FEEDER CIRCUIT (2)
			320	LF	** #2 W/G FEEDER CIRCUIT (2)
			2,090	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
500	CY	UNDERCUT EXCAVATION			
200	TON	CLASS IV SUBGRADE STABILIZATION			
200	SY	FABRIC FOR SOIL STABILIZATION			
25	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
208	LF	15" RC PIPE CULVERTS, CLASS III			
4	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
200	TON	AGGREGATE BASE COURSE			
2,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
515	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
860	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
1,380	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
146	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
0.367	CY	PIPE PLUGS			
7	EA	MASONRY DRAINAGE STRUCTURES			
7	LF	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
2	EA	FRAME WITH COVER, STD 840.54			
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
1,090	LF	2'-6" CONCRETE CURB & GUTTER			
100	SY	4" CONCRETE SIDEWALK			
50	SY	CONCRETE WHEELCHAIR RAMPS			
4	EA	RETROFIT EXISTING WHEELCHAIR RAMPS			
280	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
300	SY	FILTER FABRIC FOR DRAINAGE			
667	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
13	EA	SIGN ERECTION, TYPE E			
12	EA	SIGN ERECTION, TYPE F			
3	EA	RELOCATE SIGN, TYPE ***** (D)			
28	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
1	EA	STOCKPILE SIGN, D, E OR F			
361	SF	WORK ZONE SIGNS (STATIONARY)			
118	SF	WORK ZONE SIGNS (PORTABLE)			
68	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
5	EA	CHANGEABLE MESSAGE SIGNS			
1	EA	WARNING FLAG SETS			
110	EA	DRUMS			
110	EA	CONES			
144	LF	BARRICADES (TYPE III)			
30	MD	FLAGGER			
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)			

260	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	3	EA	SIGNAL CABINET FOUNDATION
540	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	3	EA	CABINET BASE ADAPTER
690	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
9	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	17	EA	DETECTOR CARD (TYPE 2070L)
2	EA	GENERIC LIGHTING ITEM FOUNDATION COVER	8	EA	METAL POLE FOUNDATION REMOVAL
16	EA	GENERIC LIGHTING ITEM HM LUMINAIRE 400W W/ GLARE SHIELD	8	EA	METAL POLE REMOVAL
7	EA	GENERIC LIGHTING ITEM LGT STD W/ BREAKAWAY BASE	4	EA	GENERIC SIGNAL ITEM DECORATIVE SIGNAL PEDESTAL WITH FOUNDATION
7	EA	GENERIC LIGHTING ITEM POST-TOP LGT W/ BREAKAWAY BASE	10	EA	GENERIC SIGNAL ITEM DECORATIVE SINGLE MAST ARM WITH METAL POLE
30	EA	GENERIC LIGHTING ITEM REMOVE LGT STD	4	EA	GENERIC SIGNAL ITEM PEDESTRIAN SIGNAL HEAD - NO PUSHBUTTON (12", 1 SECTION)
7	EA	GENERIC LIGHTING ITEM STANDARD FOUNDATION POST-TOP, TYPE R1S	4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PEDESTRIAN PEDESTAL
1	EA	RELOCATE EXISTING WATER METER	10	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE
500	LF	TEMPORARY SILT FENCE			
150	TON	STONE FOR EROSION CONTROL, CLASS A			
100	TON	STONE FOR EROSION CONTROL, CLASS B			
110	TON	SEDIMENT CONTROL STONE			
1.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING			
125	CY	SILT EXCAVATION			
570	SY	MATTING FOR EROSION CONTROL			
300	LF	1/4" HARDWARE CLOTH			
1.5	ACR	SEEDING & MULCHING			
1	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
1.25	TON	FERTILIZER TOPDRESSING			
2	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			
600	CY	GENERIC EROSION CONTROL ITEM SELECT BACKFILL			
16	EA	PEDESTRIAN SIGNAL HEAD (12", 1 SECTION)			
4,800	LF	SIGNAL CABLE			
21	EA	VEHICLE SIGNAL HEAD (**, ** SECTION) (12", 3 SECTION, DARK GREEN)			
1	EA	VEHICLE SIGNAL HEAD (**, ** SECTION) (12", 5 SECTION, DARK GREEN)			
250	LF	MESSENGER CABLE (1/4")			
1,210	LF	TRACER WIRE			
420	LF	TRENCHING (UNPAVED)			
1,210	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 1)			
850	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)			
17	EA	JUNCTION BOX (STANDARD SIZE)			
12	EA	JUNCTION BOX (OVER-SIZED)			
4,800	LF	INDUCTIVE LOOP SAWCUT			
3,790	LF	LEAD-IN CABLE			
1,860	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
3	EA	INTERCONNECT CENTER			
3	EA	FIBER-OPTIC TRANSCEIVER			
4	EA	DELINEATOR MARKER			
10	EA	SOIL TEST			
150	LF	DRILLED PIER FOUNDATION (** DIA) (48")			
10	EA	MAST ARM WITH METAL POLE DE- SIGN			
5	EA	SIGN FOR SIGNALS			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050419 011

CONTRACT ID : C201203 33602.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.163 MI

COUNTY : RUTHERFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER WEST BRANCH MOUNTAIN CREEK & APPROACHES ON SR-1352.

ROADWAY ITEMS

Lump Sum LS MOBILIZATION
 Lump Sum LS GENERIC MISCELLANEOUS ITEM
 ROADWAY CONSTRUCTION

STRUCTURE ITEMS

Lump Sum LS REMOVAL OF EXISTING STRUCTURE
 AT STATION *****
 (16+23.47-L-)
 186 LF 3'-6" DIA DRILLED PIERS IN SO
 IL
 39 LF 3'-6" DIA DRILLED PIERS NOT IN
 SOIL
 4 EA SID INSPECTION
 4 EA SPT TESTING
 2 EA CROSSHOLE SONIC LOGGING
 960 LF CSL TUBES
 Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-
 TION AT STATION *****
 (16+23.47-L-)
 300 LF HP12X53 STEEL PILES
 318 TON PLAIN RIP RAP CLASS II (2'-0"
 THICK)
 Lump Sum LS CONSTRUCTION OF SUBSTRUCTURE
 Lump Sum LS CONSTRUCTION OF SUPERSTRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050419 012

CONTRACT ID : C201070 33527.3.1

DIV OFFICE SYLVA

LENGTH = 0.126 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER CLEAR CREEK & APPROACHES ON SR-1611.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM ROADWAY CONSTRUCTION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+06.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+06.00 -L-)
180	LF	HP12X53 STEEL PILES
18	EA	STEEL PILE POINTS
228	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE