




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

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

To obtain detailed information regarding the certification program, review locations for Level 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 AUGUST 16, 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/construction/ps/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/construction/ps/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 JULY 19, 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	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Jonathan G Nance, PE	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	Terry R Gibson, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	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 L050816

RPN	Contract Id	WBS	County	Length	JobType
001	C200967	33566.3.1	PASQUOTANK	0.106 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
002	C201271	33223.3.2	EDGEcombe, NASH	0.382 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C201489	39986.3.1	DURHAM	4.370 MI	WIDENING, RESURFACING, SHLDR RECONST, MILLING & PVMT MRKGS.
004	C201185	33335.3.1	ROCKINGHAM	0.451 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
005	C201273	33282.3.1	DAVIDSON	0.199 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
006	C201208	35604.3.1	IREDELL	1.994 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
007	C201459	38736.3.1	GASTON	0.600 MI	MILLING & RESURFACING.
008	C201230	33211.3.1	HENDERSON	0.157 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050816 001

CONTRACT ID : C200967 33566.3.1

DIV OFFICE EDENTON

LENGTH = 0.106 MI

COUNTY : PASQUOTANK

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : APR 01 2006

BRIDGE OVER HALL'S CREEK & APPROACHES ON SR-1140.

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 ***** (11+27.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (11+27.00-L-)
399	LF	16" PRESTRESSED CONC PILES
910	LF	HP12X53 STEEL PILES
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050816 002

CONTRACT ID : C201271 33223.3.2

DIV OFFICE WILSON

LENGTH = 0.382 MI

COUNTY : EDGEcombe, NASH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER CSX TRANSPORTATION AND APPROACHES ON SR-1555.

ROADWAY ITEMS					
			14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			8	EA	DISPOSAL OF SIGN SYSTEM, WOOD
			2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			404	SF	WORK ZONE SIGNS (STATIONARY)
			148	SF	WORK ZONE SIGNS (PORTABLE)
			94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW PANELS, TYPE C
			4	EA	WARNING FLAG SETS
			50	EA	DRUMS
			50	EA	CONES
			96	LF	BARRICADES (TYPE III)
			48	HR	FLAGGER
			1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
			4,023	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			5,661	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			117	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			236	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			15	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			52	EA	PERMANENT RAISED PAVEMENT MARKERS
			2,160	LF	TEMPORARY SILT FENCE
			115	TON	STONE FOR EROSION CONTROL, CLASS A
			555	TON	STONE FOR EROSION CONTROL, CLASS B
			225	TON	SEDIMENT CONTROL STONE
			3.5	ACR	TEMPORARY MULCHING
			150	LB	SEED FOR TEMPORARY SEEDING
			0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			275	LF	TEMPORARY SLOPE DRAINS
			8	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			2,430	CY	SILT EXCAVATION
			1,575	SY	MATTING FOR EROSION CONTROL
			60	LF	1/4" HARDWARE CLOTH
			6	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
			4.25	TON	FERTILIZER TOPDRESSING
			5.5	HR	SPECIALIZED HAND MOWING
			8	EA	RESPONSE FOR EROSION CONTROL
			1,920	LF	SIGNAL CABLE
			14	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
			140	LF	MESSENGER CABLE (1/4")
			1,090	LF	TRACER WIRE
			1,004	LF	TRENCHING (UNPAVED)
			145	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 1)
			305	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)
			125	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 3)
			17	EA	JUNCTION BOX (STANDARD SIZE)
			7	EA	JUNCTION BOX (OVER-SIZED)
			1	EA	WOOD POLE
			2	EA	GUY ASSEMBLY
			1	EA	2" RISER WITH WEATHERHEAD
			1	EA	2" RISER WITH HEAT SHRINK TUBING
			1,960	LF	INDUCTIVE LOOP SAWCUT
			1,780	LF	LEAD-IN CABLE
			1	EA	FIBER-OPTIC TRANSCEIVER
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	550	CY			UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+80.77)			
	500	CY			UNDERCUT EXCAVATION
	36,570	CY			BORROW EXCAVATION
	1,510	CY			DRAINAGE DITCH EXCAVATION
	2,900	SY			REMOVAL OF EXISTING ASPHALT PAVEMENT
	200	CY			SELECT GRANULAR MATERIAL
	200	SY			FABRIC FOR SOIL STABILIZATION
	29	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	112	LF			15" RC PIPE CULVERTS, CLASS III
	4	LF			18" RC PIPE CULVERTS, CLASS III
	156	LF			15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
	4	EA			15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK (15", 0.064")
	98	LF			PIPE REMOVAL
	1	EA			PIPE CLEAN-OUT
Lump Sum	LS	FINE GRADING			
	200	TON			INCIDENTAL STONE BASE
	1,175	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	1,000	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	1,100	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	164	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	8	EA			RIGHT OF WAY MARKERS
	0.5	CY			PIPE COLLARS
	5	EA			MASONRY DRAINAGE STRUCTURES
	4	EA			FRAME WITH TWO GRATES, STD 840.29
	1	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	150	LF			2'-6" CONCRETE CURB & GUTTER
	80	LF			SHOULDER BERM GUTTER
	60	SY			5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
	2,400	LF			STEEL BM GUARDRAIL
	5	EA			ADDITIONAL GUARDRAIL POSTS
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
	2,866	LF			REMOVE EXISTING GUARDRAIL
	5	TON			PLAIN RIP RAP, CLASS B
	245	SY			FILTER FABRIC FOR DRAINAGE
	1	EA			PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
	34.5	SF			CONTRACTOR FURNISHED, TYPE *** SIGN (D)
	18.84	SF			CONTRACTOR FURNISHED, TYPE *** SIGN (E)
	95.69	SF			CONTRACTOR FURNISHED, TYPE *** SIGN (F)
	358	LF			SUPPORTS, 3-LB STEEL U-CHANNEL
	4	EA			SIGN ERECTION, TYPE D
	5	EA			SIGN ERECTION, TYPE E
	7	EA			SIGN ERECTION, TYPE F
	3	EA			RELOCATE SIGN, TYPE ***** (E)

5	EA	DELINEATOR MARKER
1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
3	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
1	EA	DOUBLE MAST ARM WITH METAL POLE
4	EA	SOIL TEST
5	EA	SIGN FOR SIGNALS
1	EA	SIGNAL CABINET FOUNDATION
2	EA	DETECTOR UNIT NEMA TS-1
1	EA	METAL POLE FOUNDATION REMOVAL
1	EA	METAL POLE REMOVAL
1	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
1	EA	GENERIC SIGNAL ITEM CCTV EQUIPMENT CABINET (BASE MOUNTED)
4	EA	GENERIC SIGNAL ITEM MAST ARM WITH METAL POLE DESIGN
2	EA	GENERIC SIGNAL ITEM MMFO INTERCONNECT CENTER
1	EA	GENERIC SIGNAL ITEM MULTIMODE VIDEO/DATA RECEIVER
1	EA	GENERIC SIGNAL ITEM MULTIMODE VIDEO/DATA TRANSMITTER
1	EA	GENERIC SIGNAL ITEM SINGLE-MODE VIDEO/DATA RECEIVER (FURNISHED ONLY)
1	EA	GENERIC SIGNAL ITEM SINGLE-MODE VIDEO/DATA TRANSMITTER
1	EA	GENERIC SIGNAL ITEM VIDEO MULTIPLEXER
1,450	LF	GENERIC SIGNAL ITEM MMFO COMMUNICATIONS CABLE (12 FIBER)
366	LF	GENERIC SIGNAL ITEM OPTICAL DETECTOR CABLE
945	LF	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUIT, 2" (1 CONDUIT)
48	CY	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+89.64 -L-)
2,900	CY	UNCLASSIFIED STRUCTURE EXCAVATION
9,934	SF	REINFORCED CONCRETE DECK SLAB
10,253	SF	GROOVING BRIDGE FLOORS
115.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+89.64 -L-)
17,211	LB	REINFORCING STEEL (BRIDGE)
271,900	LS	APPROX LBS STRUCTURAL STEEL
720	LF	HP12X53 STEEL PILES
800	LF	PP ** X **** STEEL PILES (24" X 0.50")
459.36	LF	CONCRETE BARRIER RAIL
755	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L050816 003

CONTRACT ID : C201489 39986.3.1

DIV OFFICE DURHAM

LENGTH = 4.370 MI

COUNTY : DURHAM

WIDENING, RESURFACING, SHLDR RECONST, MILLING & PVMT MRKGS.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : DEC 12 2005

SR-1632 FROM SOUTH OF I-85 TO SR-1794 AND SR-1794/SR-2602 FROM SR-1632 TO SR-1004.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
181	TON	MOBILIZATION
8.74	SMI	INCIDENTAL STONE BASE
24,000	SY	SHOULDER RECONSTRUCTION
		MILLING ASPHALT PAVEMENT, ****
		TO ***** DEPTH
		(0" TO 2")
4,337	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0C
14,652	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE I19.0C
6,484	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C
875	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 64-22
389	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 70-22
2,650	TON	PATCHING EXISTING PAVEMENT
12	EA	GUARDRAIL ANCHOR UNITS, TYPE
		350
47,022	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
46,658	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (16", 120 MILS)
125	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
14	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120MIL)
18	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
43,138	LF	PAINT PAVEMENT MARKING LINES
		(4")
100	LF	PAINT PAVEMENT MARKING LINES
		(16")
250	LF	PAINT PAVEMENT MARKING LINES
		(24")
28	EA	PAINT PAVEMENT MARKING CHARAC-
		TER
564	EA	PERMANENT RAISED PAVEMENT
		MARKERS
6.33	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050816 004

CONTRACT ID : C201185 33335.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.451 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER TROUBLESOME CREEK AND APPROACHES ON SR-1001.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+91.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
100	TON	CLASS IV SUBGRADE STABILIZATION
12,010	CY	BORROW EXCAVATION
540	CY	DRAINAGE DITCH EXCAVATION
150	CY	SELECT GRANULAR MATERIAL
150	SY	FABRIC FOR SOIL STABILIZATION
320	SY	GENERIC GRADING ITEM TEMPORARY FABRIC WALL
21	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	LF	15" SIDE DRAIN PIPE
60	LF	18" RC PIPE CULVERTS, CLASS III
96	LF	15" CS PIPE CULVERTS, 0.064" THICK
6	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
56	LF	PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
1,135	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
605	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
960	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
140	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
14	EA	RIGHT OF WAY MARKERS
34	CY	SUBDRAIN EXCAVATION
26	CY	SUBDRAIN FINE AGGREGATE
150	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)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
465	LF	SHOULDER BERM GUTTER
862.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
105	TON	PLAIN RIP RAP, CLASS B
995	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
90	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
30	EA	CONES
48	LF	BARRICADES (TYPE III)
100	MD	FLAGGER
4	EA	TEMPORARY CRASH CUSHIONS
1,870	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
40	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
71	EA	TEMPORARY RAISED PAVEMENT MARKERS
4,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)

4,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
22,000	LF	PAINT PAVEMENT MARKING LINES (4")
30	EA	PERMANENT RAISED PAVEMENT MARKERS
1,450	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
400	TON	STONE FOR EROSION CONTROL, CLASS B
400	TON	SEDIMENT CONTROL STONE
5.5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
80	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
350	LF	SAFETY FENCE
3,250	CY	SILT EXCAVATION
2,400	SY	MATTING FOR EROSION CONTROL
50	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
5.5	ACR	SEEDING & MULCHING
3.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
4	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (23+91.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+91.00-L-)
142.75	LF	3'-6" DIA DRILLED PIERS IN SOIL
38.5	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
70	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
785	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (23+91.00-L-)
79.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+91.00-L-)
26,290	LB	REINFORCING STEEL (BRIDGE)
5,248	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
490	LF	HP12X53 STEEL PILES
270.21	LF	CONCRETE BARRIER RAIL
600	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
667	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,486.15	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050816 005

CONTRACT ID : C201273 33282.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.199 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

CULVERT ON HANK'S CREEK & APPROACHES ON SR-1779.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
250	CY	UNDERCUT EXCAVATION
180	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
230	TON	SELECT MATERIAL, CLASS ***** (IV)
190	TON	SELECT MATERIAL, CLASS ***** (VI)
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
80	LF	18" SIDE DRAIN PIPE
52	LF	24" SIDE DRAIN PIPE
40	LF	15" RC PIPE CULVERTS, CLASS III
168	LF	18" RC PIPE CULVERTS, CLASS III
6	EA	*** PIPE END SECTION (18")
2	EA	*** PIPE END SECTION (24")
24	LF	18" CS PIPE CULVERTS, 0.064" THICK
2	EA	*** CS PIPE ELBOWS, ***** (18", 0.064")
264	LF	PIPE REMOVAL
150	TON	INCIDENTAL STONE BASE
315	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
390	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
675	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
75	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
14	EA	RIGHT OF WAY MARKERS
0.045	CY	PIPE PLUGS
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.16
1	EA	FRAME WITH COVER, STD 840.54
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
175	LF	***X *** CONCRETE CURB (8" X 18")
364	LF	SHOULDER BERM GUTTER
525	LF	STEEL BM GUARDRAIL
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
119	TON	PLAIN RIP RAP, CLASS I
215	TON	PLAIN RIP RAP, CLASS II
21	TON	PLAIN RIP RAP, CLASS B
1,025	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
242	SF	WORK ZONE SIGNS (STATIONARY)
30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
2,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
30	EA	SNOWPLOWABLE PAVEMENT MARKERS

75	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
75	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
512	LF	6" DI WATER PIPE, PC 350
166	LF	3/4" COPPER WATER PIPE, TYPE K
375	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
2	EA	3/4" CORPORATION STOP
1	EA	6" GATE VALVE & VALVE BOX, 200# WP
2	EA	***X*** TAPPING SADDLE (6" X 3/4")
5	EA	RELOCATE EXISTING WATER METER
2	EA	RELOCATE EXISTING FIRE HYDRANT
222	LF	8" PVC SEWER PIPE, SDR ** (35)
198	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", VC SEWER)
950	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
210	TON	STONE FOR EROSION CONTROL, CLASS B
200	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
85	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
40	CY	SILT EXCAVATION
380	SY	MATTING FOR EROSION CONTROL
300	SY	PERMANENT SOIL REINFORCEMENT MAT
455	LF	1/4" HARDWARE CLOTH
135	CY	STILLING BASINS
2	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
1.5	TON	FERTILIZER TOPDRESSING
310	LF	IMPERVIOUS DIKE
1	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
300	CY	CULVERT DIVERSION CHANNEL

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+64.10 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (16+64.10 -L-)
134	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
212.8	CY	CLASS A CONCRETE (CULVERT)
35,667	LB	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L050816 006

CONTRACT ID : C201208 35604.3.1

DIV OFFICE SHELBY

LENGTH = 1.994 MI

COUNTY : IREDELL

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

INTERSECTION OF I-77 AND SR-1102 (LANGTREE RD).

ROADWAY ITEMS					
			3,430	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
			615	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	LS	MOBILIZATION	1,365	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
Lump Sum	LS	CONSTRUCTION SURVEYING	75	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	39,740	LF	MILLED RUMBLE STRIPS
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	6,278	LF	SHOULDER DRAIN
92,100	CY	UNCLASSIFIED EXCAVATION	6,278	LF	4" SHOULDER DRAIN PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+99.70)	142	LF	4" OUTLET PIPE (SHOULDER DRAINS)
4,400	CY	UNDERCUT EXCAVATION	6	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
3,600	TON	CLASS IV SUBGRADE STABILIZATION	8.4	CY	ENDWALLS
112,705	CY	BORROW EXCAVATION	10.434	CY	PIPE COLLARS
2	EA	EMBANKMENT SETTLEMENT GAUGES	1.242	CY	PIPE PLUGS
620	CY	DRAINAGE DITCH EXCAVATION	110	EA	MASONRY DRAINAGE STRUCTURES
300	LF	BERM DITCH CONSTRUCTION	71	LF	MASONRY DRAINAGE STRUCTURES
58,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	5	EA	FRAME WITH GRATE, STD 840.22
1,500	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	7	EA	FRAME WITH GRATE, STD 840.24
25	HR	PROOF ROLLING	6	EA	FRAME WITH TWO GRATES, STD 840.16
1,000	CY	SELECT GRANULAR MATERIAL	7	EA	FRAME WITH TWO GRATES, STD 840.20
6,800	SY	FABRIC FOR SOIL STABILIZATION	57	EA	FRAME WITH TWO GRATES, STD 840.22
300	TON	SELECT MATERIAL, CLASS ***** (IV)	24	EA	FRAME WITH TWO GRATES, STD 840.24
270	TON	SELECT MATERIAL, CLASS ***** (VI)	10	EA	FRAME WITH COVER, STD 840.54
1,075	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	6	EA	CONCRETE APRON FOR DROP INLETS
244	LF	15" SIDE DRAIN PIPE	2	EA	*** SLUICE GATE (30")
120	LF	18" SIDE DRAIN PIPE	Lump Sum	LS	GENERIC DRAINAGE ITEM HAZARDOUS SPILL RETENTION BASIN
1,048	LF	15" RC PIPE CULVERTS, CLASS III	2,615	LF	SHOULDER BERM GUTTER
5,494	LF	18" RC PIPE CULVERTS, CLASS III	2,250	LF	CONCRETE EXPRESSWAY GUTTER
1,276	LF	24" RC PIPE CULVERTS, CLASS III	2,400	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
404	LF	30" RC PIPE CULVERTS, CLASS III	1	EA	ADJUSTMENT OF DROP INLETS
384	LF	36" RC PIPE CULVERTS, CLASS III	9,600	LF	STEEL BM GUARDRAIL
192	LF	42" RC PIPE CULVERTS, CLASS III	5	EA	ADDITIONAL GUARDRAIL POSTS
24	LF	48" RC PIPE CULVERTS, CLASS III	8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
1	EA	60"X 36" RC PIPE TAPERED INLET, CLASS III	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
436	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	22	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
344	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	19,700	LF	REMOVE & RESET EXISTING GUARDRAIL
160	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	6,450	LF	REMOVE EXISTING GUARDRAIL
22	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	5,370	LF	WOVEN WIRE FENCE, 47" FABRIC
8	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	340	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
148	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (30", 0.5")	90	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
619	LF	PIPE REMOVAL	7,775	LF	CHAIN LINK FENCE, 48" FABRIC
Lump Sum	LS	FINE GRADING	630	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
1,000	TON	STABILIZER AGGREGATE	40	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
68,300	TON	AGGREGATE BASE COURSE	1,160	LF	ADDITIONAL BARBED WIRE
100	TON	INCIDENTAL STONE BASE	150	TON	PLAIN RIP RAP, CLASS I
6,512	GAL	PRIME COAT	725	TON	PLAIN RIP RAP, CLASS A
47,695	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	460	TON	PLAIN RIP RAP, CLASS B
11,750	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2,450	SY	FILTER FABRIC FOR DRAINAGE
13,040	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
13,750	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	5	CY	REINFORCED CONCRETE SIGN FOOTINGS
28,415	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5D	2	CY	PLAIN CONCRETE SIGN FOOTINGS
			4,185	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			644	LB	SUPPORTS, SIMPLE STEEL BEAM
			1,423	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			4	EA	SUPPORTS, 2-LB STEEL U-CHANNEL

STRUCTURE ITEMS

2	EA	6" GATE VALVE & VALVE BOX, 200# WP	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (46+79.71 -L-)
2	EA	12" GATE VALVE & VALVE BOX, *****WP (200#WP)	292	LF	***_***" DIA DRILLED PIERS IN SOIL (5'-0")
1	EA	RELOCATE EXISTING FIRE HYDRANT			
2,374	LF	FILL OR REMOVE ABANDONED 12" PIPE, ***** (DI WATER)	32	LF	***_***" DIA DRILLED PIERS NOT IN SOIL (5'-0")
4,200	LF	TEMPORARY SILT FENCE	1	EA	SID INSPECTION
300	TON	STONE FOR EROSION CONTROL, CLASS A	8	EA	SPT TESTING
3,745	TON	STONE FOR EROSION CONTROL, CLASS B	1,376	LF	CROSSHOLE SONIC LOGGING CSL TUBES
2,335	TON	SEDIMENT CONTROL STONE	1,763	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
70.5	ACR	TEMPORARY MULCHING	27,010	SF	REINFORCED CONCRETE DECK SLAB
2,500	LB	SEED FOR TEMPORARY SEEDING	31,794	SF	GROOVING BRIDGE FLOORS
10	TON	FERTILIZER FOR TEMPORARY SEED- ING	453.7	CY	CLASS A CONCRETE (BRIDGE)
1,700	LF	TEMPORARY SLOPE DRAINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (46+79.71 -L-)
37	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	92,147	LB	REINFORCING STEEL (BRIDGE)
425	LF	SAFETY FENCE	15,287	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
30,900	CY	SILT EXCAVATION	889,800	LS	APPROX LBS STRUCTURAL STEEL
20,200	SY	MATting FOR EROSION CONTROL	2,875	LF	HP12X53 STEEL PILES
2,000	LF	1/4" HARDWARE CLOTH	579	LF	TWO BAR METAL RAIL
76.5	ACR	SEEDING & MULCHING	596.36	LF	1'-***"X *****" CONCRETE PARA- PET (1'-2" X 2'-6")
42	ACR	MOWING	1,195	SY	4" SLOPE PROTECTION
600	LB	SEED FOR REPAIR SEEDING	Lump Sum	LS	POT BEARINGS
1.5	TON	FERTILIZER FOR REPAIR SEEDING	Lump Sum	LS	ELASTOMERIC BEARINGS
1,675	LB	SEED FOR SUPPLEMENTAL SEEDING	Lump Sum	LS	EVAZOTE JOINT SEALS
57.25	TON	FERTILIZER TOPDRESSING			
0.75	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)			
16.5	HR	SPECIALIZED HAND MOWING			
16	EA	RESPONSE FOR EROSION CONTROL			
1	ACR	REFORESTATION			
1,640	LF	SIGNAL CABLE			
16	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
840	LF	MESSENGER CABLE (3/8")			
2,355	LF	TRENCHING (UNPAVED)			
190	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)			
10	EA	JUNCTION BOX (STANDARD SIZE)			
5	EA	JUNCTION BOX (OVER-SIZED)			
2,230	LF	INDUCTIVE LOOP SAWCUT			
2,350	LF	LEAD-IN CABLE			
1,900	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
2	EA	INTERCONNECT CENTER			
4	EA	DELINEATOR MARKER			
1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT			
1	EA	FURNISH FIBER-OPTIC POWER ME- TER			
1	EA	FURNISH OPTICAL LIGHT GENERA- TOR			
1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER			
8	EA	METAL STRAIN SIGNAL POLE			
8	EA	SOIL TEST			
4	EA	SIGN FOR SIGNALS			
2	EA	SIGNAL CABINET FOUNDATION			
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
9	EA	DETECTOR CARD (TYPE 2070L)			
2	EA	GENERIC SIGNAL ITEM CABINET BASE EXTENDER			
2	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANCEIVER, SELF- HEALING RING			
96	CY	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (42" DIA)			

CULVERT ITEMS

3.7	CY	CLASS A CONCRETE (CULVERT)
201	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050816 007

CONTRACT ID : C201459 38736.3.1

DIV OFFICE SHELBY

LENGTH = 0.600 MI

COUNTY : GASTON

MILLING & RESURFACING.

DBE GOAL 3.0% COMPLETION DATE : JUN 30 2006

I-85 FROM NC-273 TO BEGIN BRIDGE OVER THE CATAWBA RIVER.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,000	LB	SEALING EXISTING PAVEMENT CRACKS
25,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
4,800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D
226	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,400	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
39,442	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
77	TON	GENERIC PAVING ITEM ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
1,500	TON	GENERIC PAVING ITEM REPAIR OF EXISTING PAVEMENT
25,500	SY	GENERIC PAVING ITEM NON-WOVEN FIBERGLASS/POLY- ESTER INTERLAYER PAVING MAT
4	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGNS
250	EA	DRUMS
2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
12,676	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
6,208	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
2,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
7	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
20,000	LF	PAINT PAVEMENT MARKING LINES (6")
470	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050816 008

CONTRACT ID : C201230 33211.3.1

DIV OFFICE SYLVA

LENGTH = 0.157 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER NORTH BRANCH HUNGRY RIVER & APPROACHES ON SR-1799.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
2,600	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+25.50)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
200	TON	CLASS IV SUBGRADE STABILIZA- TION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
36	LF	18" SIDE DRAIN PIPE
40	LF	15" CS PIPE CULVERTS, 0.064" THICK
40	LF	PIPE REMOVAL
150	TON	INCIDENTAL STONE BASE
50	SY	INCIDENTAL MILLING
340	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
155	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	CY	SUBDRAIN EXCAVATION
40	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)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.22
1	EA	MODIFIED CONCRETE FLUME
3	SY	4" CONCRETE PAVED DITCH
125	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TYPE III, SHOP CURVED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
130	TON	PLAIN RIP RAP, CLASS B
880	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
48	SF	WORK ZONE SIGNS (STATIONARY)
288	SF	WORK ZONE SIGNS (PORTABLE)
64	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	WARNING FLAG SETS
40	EA	CONES
32	LF	BARRICADES (TYPE III)
730	MD	FLAGGER
920	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
235	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
60	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
620	CY	SILT EXCAVATION

400	SY	MATTING FOR EROSION CONTROL
20	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
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
0.75	TON	FERTILIZER TOPDRESSING
1	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.3	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16 + 25.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16 + 25.50 -L-)
16.75	LF	3'-6" DIA DRILLED PIERS IN SO IL
9	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
13.27	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
4	EA	SPT TESTING
2	EA	CROSSHOLE SONIC LOGGING
143	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16 + 25.50 -L-)
58.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16 + 25.50 -L-)
11,746	LB	REINFORCING STEEL (BRIDGE)
1,356	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
100	LF	HP12X53 STEEL PILES
10	EA	STEEL PILE POINTS
225.5	LF	CONCRETE BARRIER RAIL
275	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
310	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,125	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

