




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

July 20, 2004

NOTICE TO: All Prequalified Contractors
FROM: R.A. Garris, P.E. 
Contract Officer
Re: Disadvantaged/Minority/Women Business Directory

Beginning with the August 17, 2004 letting when filling orders for Plans and Proposals the Department will discontinue including a printed copy of the DBE/MBE/WBE directory.

The DBE/MBE/WBE directory can be found at the following website location: (<http://www.ncdot.org/administration/civilrights/dbedir/>). This directory is updated daily and serves as the most current information available to assist the contracting industry in meeting the contract goals.

As important as the above directory, the **Current DBE File** located at (http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/expedi/) will be updated each month at advertisement and on the Friday before the Highway letting to access the most current information when preparing your electronic bids. The file should be downloaded each month and stored in the same directory as the .EBS files.

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

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

TELEPHONE: 919-250-4124
FAX: 919-250-4127

WEBSITE: WWW.DOH.DOT.STATE.NC.US

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

P.O. BOX 25201, RALEIGH, N.C. 27611-5201

LYNDO TIPPETT
SECRETARY

May 14, 2004

NOTICE TO: All Prequalified Contractors

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

A handwritten signature in black ink, appearing to read "R.A. Garris", written over the printed name and title.

Re: Project Special Provision for
Contractor Borrow Source

Effective with the June 15, 2004 formal highway letting, the attached Project Special Provision for *Contractor Borrow Source* will be included in proposals with potential borrow sources.

This provision was developed with input from the U.S. Army Corps of Engineers. Please review the Project Special Provision for your information.

If you have any questions, please do not hesitate to call me at (919) 250-4124.

RAG/ns
Attachment

CONTRACTOR BORROW SOURCE

07-20-04

Revise the *2002 Standard Specifications* as follows:

Page 2-17, Article 230-4(C) Contractor Furnished Sources, add the following;

If the Contractor proposes a borrow source, the environmental assessment shall include wetland and stream delineation extending 400 feet beyond the proposed borrow source limits.

1. If wetlands or streams are present within 400 feet of the borrow source and the contractor proposes to dewater:
 - a. Submit a hydrologic analysis (DRAINMOD or equivalent) to determine if excavation, pump frequency/duration/volume will permanently impact or cause degradation to wetlands or streams. The analysis shall consist of, but not be limited to:

Required buffer width to avoid long term impacts to wetlands or stream

Return interval to pre-existing hydrologic conditions after pit excavation and dewatering is completed.
 - b. Attach a conservation easement specifying that the completed pit impoundment, upon returning to mean water table elevation, shall not be drained, ditched, used for irrigation, or any other manner that would degrade wetlands and streams.
 - c. Provide copy of recorded conservation easement to Engineer prior to commencement of any work on proposed pit.
2. If wetlands or streams are not present within 400 feet, no additional documentation will be required.

During Department review of the proposed borrow area, the hydrologic analysis will be submitted to the U. S. Army Corps of Engineers for evaluation.

SP1G111




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 23, 2004

NOTICE TO: Plan Holders
FROM: R. A. Garris, P.E. 
Contract Officer
SUBJECT: Copies of Invoices Needed with Payment

To help insure that payments are accurately recorded, and to decrease processing time, the Department is requesting that a copy of each invoice be sent along with the corresponding payment. The Department will provide an additional copy of each invoice mailed for that purpose.

If you have any questions, please contact Kim Canady at (919) 250-4124 or e-mail her at klcanady@dot.state.nc.us.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
DESIGN SERVICES UNIT
1501 MAIL SERVICE CENTER
RALEIGH NC 27609-1501

TELEPHONE: 919-250-4124
FAX: 919-250-4127

WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B15
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 20, 2004

NOTICE TO: All Prequalified Contractors
FROM: R.A. Garris, P.E. 
Contract Officer
Re: Electronic Bid Bond, Non-Collusion Affidavit, and Debarment Certification

As we move toward total electronic bid submittals, we are implementing the following changes effective with the March 16, 2004 formal highway letting.

1. The Department will require an electronic bid bond to be included with each electronic bid submission.
2. In order to comply with Federal and State laws and regulations, an original, properly executed Non-Collusion Affidavit, and Debarment Certification must be on file in the Contract Office from each prospective bidder prior to submitting an electronic bid. It will not be necessary that it be submitted with each bid and letting. The Non-Collusion Affidavit, and Debarment Certification filed with the Department will be valid for all bids submitted through the December 21, 2004 letting.

Properly executed forms shall be delivered to the Department no later than 5:00 p.m. the day prior to the advertised letting in which you intend to submit your first total electronic bid. Forms may be downloaded from the following web-site:

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

The form shall be placed in a sealed envelope with the Contractor name clearly labeled, and delivered to:

Physical Address:
State Contract Officer
Design Services Unit
Century Center Bldg. B
1020 Birch Ridge Drive
Raleigh, NC 27610

Mailing Address:
State Contract Officer
NC Department of Transportation
Contracts and Proposals
1591 Mail Service Center
Raleigh, NC 27699-1591

We will be formulating procedures for renewal in the near future and will involve the industry as they are developed.

If you have any questions, please do not hesitate to call me at (919) 250-4124.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
DESIGN SERVICES UNIT
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
ENTRANCE B15
1020 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

**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 DESIGN SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00PM ON AUGUST 17, 2004**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00PM.

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, DESIGN 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 27, 2004.
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	D. R. Conner	113 AIRPORT DR. SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr.	105 PACTOLUS ROAD	GREENVILLE	(252) 830-3490
00003	H. A. Pope	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Jim H. Trogden, PE	509 WARD BOULEVARD	WILSON	(252) 237-6164
00005	J. G. Nance	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	T. R. Gibson	558 GILLESPIE STREET	FAYETTEVILLE	(910) 486-1493
00007	J. M. Mills	1534 YANCEYVILLE STREET	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	902 N. SANDHILLS BOULEVARD	ABERDEEN	(910) 944-2344
00009	S. P. Ivey	2125 CLOVERDALE AVENUE	WINSTON-SALEM	(336) 631-1340
00010	B. G. Payne	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A. Pettyjohn, PE	NC-115 WEST	NORTH WILKESBORO	(336) 667-9111
00012	M. L. Holder	1710 EAST MARION STREET	SHELBY	(704) 480-5400
00013	J. J. Swain	55 ORANGE STREET	ASHEVILLE	(828) 251-6171
00014	R. G. Watson	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

Bid Letting Number L040817

RPN	Contract Id	WBS	County	Length	JobType
001	C200856	33006.3.2	HYDE	0.451 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
002	C201246	37445 ETC.	HERTFORD	15.500 MI	GRADING, DRAINAGE, MILLING, RESURFACING, & GUARDRAIL.
003	C201247	38200.3.1	GREENE, PITT	14.700 MI	MILLING, SHLDR RECONST, RESURF OR HIP ALT & PVMT MARKINGS.
004	C201248	38196.3.1	CRAVEN	4.960 MI	SHOULDER RECONSTRUCTION, RESURFACING & PVMT MARKINGS.
005	C201251	34857.3.2	NEW HANOVER	3.748 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT.
006	C200757	33324.3.1	ONslow	0.209 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
*007	C201249	36485.2.1 ETC.	WAKE	0.000 MI	BRIDGE CLEANING AND PAINTING.
008	C200266	34590.3.1	CASWELL, ROCKINGHAM	24.400 MI	MEDIAN GUARDRAIL.
009	C200860	33195.3.1	GUILFORD	0.245 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C200909	33192.3.1	GUILFORD	0.180 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
011	C200843	33160.3.2	ASHE	0.108 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
012	C200809	34517.3.5	IREDELL	7.444 KM	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.
013	C200844	33165.3.2	BUNCOMBE	0.104 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
014	C200906	32984.3.2	BUNCOMBE	0.418 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
015	C200908	33166.3.1	BUNCOMBE	0.108 MI	GRADING, DRAINAGE, PAVING & CULVERT.
016	C200842	33093.3.1	HENDERSON	0.095 MI	GRADING, DRAINAGE, PAVING & CULVERT.
*017	C201072	33337.3.1	ROCKINGHAM	0.145 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.

* C201072 HAS BEEN ADDED TO THE AUG 17, 2004 LETTING AS A 3 WEEK ADVERTISEMENT

** SEE PROPOSAL CONCERNING FURTHER INFORMATION ON MANDATORY PRE-BID CONFERENCE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 001

CONTRACT ID : C200856

33006.3.2

DIV OFFICE EDENTON

LENGTH = 0.451 MI

COUNTY : HYDE

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : JUN 01 2006

BRIDGE OVER KITTY CREEK & BRIDGE OVER WALLACE CANAL AND APPROACHES ON US-264.

ROADWAY ITEMS

			500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			100	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+34.00)	2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			27	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+85.00)	85	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
Lump Sum	LS	GRADING	85	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING			
	8,500	CY UNDERCUT EXCAVATION	1,615	LF	GENERIC UTILITY ITEM 10" HDPE FORCE MAIN SEWER PIPE SDR 9, 200# WP BY DIRECTIONAL BORE
	11,360	CY SELECT GRANULAR MATERIAL			
	100	SY FABRIC FOR SOIL STABILIZATION			
	11,500	SF TEMPORARY SHORING	1	EA	GENERIC UTILITY ITEM 10" x 6" TAPPING SLEEVE, VALVE & VALVE BOX, 200# WP
	70	TON SELECT MATERIAL, CLASS ***** (VI)			
	13	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1	EA	GENERIC UTILITY ITEM 6" IN-LINE CHECK VALVE & VAULT
	116	LF 24" RC PIPE CULVERTS, CLASS III	1	EA	GENERIC UTILITY ITEM 6" IN-LINE CLEAN-OUT & VAULT
	215	TON AGGREGATE BASE COURSE	2	EA	GENERIC UTILITY ITEM 8" GATE VALVE & VALVE BOX, 200# WP
	882	TON ASPHALT CONC BASE COURSE, TYPE B25.0B			
	1,216	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	1	EA	GENERIC UTILITY ITEM 8" IN-LINE CHECK VALVE & VAULT
	117	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1	EA	GENERIC UTILITY ITEM 8" IN-LINE CLEAN-OUT & VAULT
	10	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	40	LF	GENERIC UTILITY ITEM 6" DI RESTRAINED JOINT FORCE MAIN SEWER PIPE, PC 350
	130	LF SHOULDER BERM GUTTER			
	900	LF STEEL BM GUARDRAIL	84.54	LF	GENERIC UTILITY ITEM 8" DI RESTRAINED JOINT FORCE MAIN SEWER PIPE, PC 350
	37.5	LF STEEL BM GUARDRAIL, SHOP CURVED			
	5	EA ADDITIONAL GUARDRAIL POSTS	540	LB	GENERIC UTILITY ITEM DI RESTAINED JOINT FORCE MAIN SEWER PIPE FITTINGS, 250# WP
	2	EA GUARDRAIL ANCHOR UNITS, TYPE ***** (TYPE III, SHOP CURVED)			
	3	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1	6,300	LF	TEMPORARY SILT FENCE
	6	EA GUARDRAIL ANCHOR UNITS, TYPE III	100	TON	STONE FOR EROSION CONTROL, CLASS A
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350	420	TON	STONE FOR EROSION CONTROL, CLASS B
	262.5	LF REMOVE & RESET EXISTING GUARDRAIL	280	TON	SEDIMENT CONTROL STONE
	1,300	LF REMOVE EXISTING GUARDRAIL	4.5	ACR	TEMPORARY MULCHING
Lump Sum	LS	GENERIC FENCING ITEM RESET EXISTING METAL GATE & RESET TWO EXT METAL POLES	150	LB	SEED FOR TEMPORARY SEEDING
	1,100	TON PLAIN RIP RAP, CLASS II	0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
	750	SY FILTER FABRIC FOR DRAINAGE	400	CY	SILT EXCAVATION
	124	SF WORK ZONE SIGNS (STATIONARY)	2,300	SY	MATTING FOR EROSION CONTROL
	160	SF WORK ZONE SIGNS (PORTABLE)	840	LF	1/4" HARDWARE CLOTH
	3	EA WARNING FLAG SETS	350	SY	FLOATING TURBIDITY CURTAIN
	41	EA DRUMS	5	ACR	SEEDING & MULCHING
	41	EA CONES	2.5	ACR	MOWING
	24	LF BARRICADES (TYPE III)	50	LB	SEED FOR REPAIR SEEDING
	10	MD FLAGGER	0.25	TON	FERTILIZER FOR REPAIR SEEDING
	89	LF PORTABLE CONCRETE BARRIER (ANCHORED)	100	LB	SEED FOR SUPPLEMENTAL SEEDING
	1,788	LF WATER FILLED BARRIER	2,900	SY	SODDING
	877	LF RESET WATER FILLED BARRIER	49	M/G	WATER
	124	SF GENERIC TRAFFIC CONTROL ITEM WORK ZONE SIGNING FLUORESCENT ORANGE SHEETING (PORTABLE)	3.75	TON	FERTILIZER TOPDRESSING
	160	SF GENERIC TRAFFIC CONTROL ITEM WORK ZONE SIGNING FLUORESCENT ORANGE SHEETING (STATIONARY)	3	HR	SPECIALIZED HAND MOWING
	500	LF REMOVABLE TAPE PAVEMENT MARKING LINES (4")	8	EA	RESPONSE FOR EROSION CONTROL
	28,137	LF PAINT PAVEMENT MARKING LINES (4")	0.9	ACR	GENERIC EROSION CONTROL ITEM WETLAND GRASS PLANTING
	782	LF PAINT PAVEMENT MARKING LINES (6")	5,000	LF	GENERIC EROSION CONTROL ITEM SAFETY FENCE
	306	LF PAINT PAVEMENT MARKING LINES (24")	1,950	LF	SIGNAL CABLE
	18	EA PAINT PAVEMENT MARKING SYMBOL	12	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			1,540	LF	MESSANGER CABLE (3/8")
			358	LF	TRENCHING (UNPAVED)
			11	EA	WOOD POLE
			8	EA	GUY ASSEMBLY
			1	EA	1" RISER WITH WEATHERHEAD
			7	EA	2" RISER WITH WEATHERHEAD
			1,322	LF	INDUCTIVE LOOP SAWCUT
			3,120	LF	LEAD-IN CABLE

3	EA	SIGN FOR SIGNALS
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
3	EA	DETECTOR CARD (TYPE 2070L)

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+34.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+85.00-L-)
1	EA	DYNAMIC LOAD TEST
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+34.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (22+85.00 -L-)
124.5	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+34.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+85.00-L-)
20,729	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
2,900	LF	16" PRESTRESSED CONC PILES
4,751.2	SF	**" STEEL SHEET PILES (18")
465.25	LF	TWO BAR METAL RAIL
495.75	LF	1'-**"X ***** CONCRETE PARAPET (1'-2" x 2'-9")
163	TON	PLAIN RIP RAP CLASS B
182	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
3,214.25	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040817 002

CONTRACT ID : C201246 37445

DIV OFFICE EDENTON

LENGTH = 15.500 MI

COUNTY : HERTFORD

GRADING, DRAINAGE, MILLING, RESURFACING, & GUARDRAIL.

MBE GOAL 5.0% WBE 7.0% COMPLETION DATE : NOV 15 2005

NC-461 FROM US-13 TO WCL OF WINTON AND NC-45 FROM ECL OF WINTON TO THE BERTIE COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
28	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
80	LF	15" RC PIPE CULVERTS, CLASS III
96	LF	18" RC PIPE CULVERTS, CLASS III
88	LF	24" RC PIPE CULVERTS, CLASS III
1,550	TON	INCIDENTAL STONE BASE
30.2	SMI	SHOULDER RECONSTRUCTION
16,896	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
15,880	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (1-1/2" TO 6")
17,857	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
11,768	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
23,269	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,717	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
33	TON	PATCHING EXISTING PAVEMENT
3.5	CY	ENDWALLS
5	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
6,472	LF	2'-6" CONCRETE CURB & GUTTER
3	EA	WHEELCHAIR RAMPS
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,650	LF	STEEL BM GUARDRAIL
69	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
162,980	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
102,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
80	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
286,572	LF	PAINT PAVEMENT MARKING LINES (4")
1,123	EA	PERMANENT RAISED PAVEMENT MARKERS
12.5	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 003

CONTRACT ID : C201247 38200.3.1

DIV OFFICE GREENVILLE

LENGTH = 14.700 MI

COUNTY : GREENE, PITT

MILLING, SHLDR RECONST, RESURF OR HIP ALT & PVMT MARKINGS.

DBE GOAL 8.0% COMPLETION DATE : OCT 01 2005

US-264 FROM SR-1311 IN GREENE COUNTY TO SR-1200 IN PITT COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
71.9	SMI	SHOULDER RECONSTRUCTION
9,387	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
2,850	SY	INCIDENTAL MILLING
20,608	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
54,130	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,247	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
310,464	LF	MILLED RUMBLE STRIPS
60,720	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
334,854	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
41,859	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
33	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
51,282	LF	PAINT PAVEMENT MARKING LINES (4")
325	LF	PAINT PAVEMENT MARKING LINES (8")
9	EA	PAINT PAVEMENT MARKING SYMBOL
4,240	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
69	ACR	SEEDING & MULCHING
784	LB	SEED FOR REPAIR SEEDING
2.51	TON	FERTILIZER FOR REPAIR SEEDING
54.68	TON	FERTILIZER TOPDRESSING
		***** BEGIN SCHEDULE AA *****
		***** (2 ALTERNATES) *****
52,096	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
25,071	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
2,065	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
		*** OR ***
18,127	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
1,903	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
52,096	SY	HOT-IN-PLACE RECYCLED ASPHALT CONCRETE, TYPE I19.0C
7,816	GAL	EMULSIFIED ASPHALT REJUVE- NATING AGENT
1,304	TON	HOT MIX ASPHALT ADMIXTURE
		*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L040817 004****CONTRACT ID : C201248 38196.3.1****DIV OFFICE GREENVILLE****LENGTH = 4.960 MI****COUNTY : CRAVEN****SHOULDER RECONSTRUCTION, RESURFACING & PVMT MARKINGS.****DBE GOAL 4.0% COMPLETION DATE : JUN 30 2005****US-17 FROM THE JONES COUNTY LINE TO SR-1278.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
19.84	SMI	SHOULDER RECONSTRUCTION
14,910	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
895	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
6,000	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF DROP INLETS
4	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
104,756	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
60,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
272	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
94	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
12,000	LF	PAINT PAVEMENT MARKING LINES (4")
654	EA	PERMANENT RAISED PAVEMENT MARKERS
20	ACR	SEEDING & MULCHING
216	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING
14.5	TON	FERTILIZER TOPDRESSING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 005

CONTRACT ID : C201251 34857.3.2

DIV OFFICE WILMINGTON

LENGTH = 3.748 KM

COUNTY : NEW HANOVER

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT.

DBE GOAL 10.0% COMPLETION DATE : MAY 15 2007

SR-1409 (MILITARY CUTOFF RD) FROM MULTI-LANES NORTH OF US-74 TO US-17.

ROADWAY ITEMS

			17,800	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
			22,940	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE II 9.0C
Lump Sum	LS	MOBILIZATION	1,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	CONSTRUCTION SURVEYING	21,790	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM BRICK ENTRANCE TO LANDFALL SUBDIVISION	1,984	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	0.4	HA	1,308	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
	4,220	M3	680	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
Lump Sum	LS	GRADING	276	M3	SUBDRAIN EXCAVATION
	650	MTN	207	M3	SUBDRAIN FINE AGGREGATE
	38,000	M3	500	M	150MM PERFORATED SUBDRAIN PIPE
	1,180	M3	50	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
	8,840	M3	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
	13,500	M2	8	M	150MM OUTLET PIPE (SUBDRAINS)
	20	M2	20	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
	40	M2	9.7	M3	ENDWALLS
97,000	L	GENERIC GRADING ITEM CONTAMINATED GROUNDWATER DISPOSAL	12.7	M3	REINFORCED ENDWALLS
	1,475	MTN	21.3	M3	PIPE COLLARS
	1,260	MTN	0.5	M3	PIPE PLUGS
	16.8	M	170	M3	FLOWABLE FILL
	931.6	M	147	EA	MASONRY DRAINAGE STRUCTURES
	918	M	11.99	M	MASONRY DRAINAGE STRUCTURES
	443.8	M	23	EA	FRAME WITH TWO GRATES, STD 840.16
	266.4	M	37	EA	FRAME WITH TWO GRATES, STD 840.24
	270	M	1	EA	FRAME WITH TWO GRATES, STD 840.29
	213.6	M	9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
	450	M	15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	63.6	M	47	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	15.6	M	4	EA	FRAME WITH COVER, STD 840.54
	47.2	M	5	EA	CONCRETE APRON FOR CATCH BASIN
			11	EA	CONCRETE APRON FOR DROP INLETS
	48	M	1	EA	***MM SLUICE GATE (600MM)
			1	EA	***MM SLUICE GATE (750MM)
	31.7	M	180	M	*** X ***MM CONCRETE CURB (600MM X 238MM)
			3,060	M	450MM CONCRETE CURB & GUTTER
			3,780	M	750MM CONCRETE CURB & GUTTER
	48	M	220	M2	CONCRETE WHEELCHAIR RAMPS
			70	M2	150MM CONCRETE DRIVEWAY
	145.2	M	2,970	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			1	EA	ADJUSTMENT OF CATCH BASINS
			1	EA	ADJUSTMENT OF DROP INLETS
			1	EA	ADJUSTMENT OF MANHOLES
	109.2	M	3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
	100.8	M	259.08	M	STEEL BM GUARDRAIL
			10	EA	ADDITIONAL GUARDRAIL POSTS
			6	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	925.5	M	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
	40	EA	80	M	TEMPORARY STEEL BM GUARDRAIL
	1,200	KG	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			820	M	CHAIN LINK FENCE, 1200MM FABRIC
	550	MTN	224	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE
	2,000	MTN			INCIDENTAL STONE BASE
	1,000	M2			INCIDENTAL MILLING
	1,860	MTN			ASPHALT CONC BASE COURSE, TYPE B25.0B

			402	M	200MM DI WATER PIPE, PC 2.41MPA
			130	M	300MM DI WATER PIPE, PC 2.41MPA
23	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE	30	M	20MM COPPER WATER PIPE, TYPE K
4	EA	METAL GATE POSTS FOR ***** CHAIN LINK FENCE, DOUBLE GATE (1200MM)	385	M	200MM PVC WATER PIPE, SDR 21, 1.38MPA WP
2	EA	DOUBLE GATES, ***** HIGH, ***** WIDE, ***** OPENING (1200MM, 1800MM, 3600MM)	98	M	300MM PVC WATER PIPE, SDR 21, 1.38MPA WP
146	MTN	PLAIN RIP RAP, CLASS I	8,807	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP
91	MTN	PLAIN RIP RAP, CLASS B	1	EA	20MM CORPORATION STOP
1,172	M2	FILTER FABRIC FOR DRAINAGE	1	EA	50MM CORPORATION STOP
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	6	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
7	EA	GENERIC EROSION CONTROL ITEM LOG VANES	7	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
1	M3	PLAIN CONCRETE SIGN FOOTINGS	3	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
233	KG	SUPPORTS, SIMPLE STEEL BEAM	1	EA	*** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (150MM X 150MM, 1.38MPA WP)
897	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	1	EA	*** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 150MM, 1.38MPA WP)
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (14+20.00 - Y1)	1	EA	*** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA WP)
1	EA	SIGN ERECTION, TYPE D	1	EA	*** X ***** TAPPING SADDLE (200MM X 20MM)
214	EA	SIGN ERECTION, TYPE E	3	EA	RELOCATE EXISTING WATER METER
6	EA	SIGN ERECTION, TYPE F	2	EA	FIRE HYDRANT, ****MPA WP (1.38MPA WP)
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	8	EA	RELOCATE EXISTING FIRE HYDRANT
Lump Sum	LS	SIGN LIGHTING SYSTEM, ***** (OVERHEAD "A")	4	M	***MM PVC FORCE MAIN SEWER PIPE, ***** (50MM, SDR 21, 1.38MPA)
5	EA	RELOCATE SIGN, TYPE ***** (E)	10	M	***MM DI SEWER PIPE, PC ****MPA (100MM, PC 2.41MPA)
1	EA	DISPOSAL OF SIGN SYSTEM, OVER- HEAD	6	M	200MM DI SEWER PIPE, PC 2.41MPA
55	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	14	M	250MM DI SEWER PIPE, PC 2.41MPA
6	EA	DISPOSAL OF SUPPORT, U-CHANNEL	332	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (400MM, PC 2.41MPA)
2	EA	DISPOSAL OF SIGN, D, E OR F	6,008	KG	DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP
65	M2	WORK ZONE SIGNS (STATIONARY)	2	EA	SANITARY SEWER CLEAN-OUT
60	M2	WORK ZONE SIGNS (PORTABLE)	1	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
19	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	1.2	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)
4	EA	FLASHING ARROW PANELS, TYPE C	556	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, PVC WATER)
6	EA	CHANGEABLE MESSAGE SIGNS	400	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI WATER)
4	EA	WARNING FLAG SETS	112	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (PVC SEWER)
732	EA	DRUMS	2	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE
200	EA	CONES	78	EA	GENERIC UTILITY ITEM 400MM RESTRAINED RETAINER GLANDS
900	MD	FLAGGER	2	EA	GENERIC UTILITY ITEM 50MM AIR RELEASE/VACUUM VALVE & MANHOLE
12	EA	WARNING LIGHTS (TYPE B)	900	M	TEMPORARY SILT FENCE
4	EA	TEMPORARY CRASH CUSHIONS	500	MTN	STONE FOR EROSION CONTROL, CLASS A
3	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)	3,600	MTN	STONE FOR EROSION CONTROL, CLASS B
120	M	PORTABLE CONCRETE BARRIER	2,150	MTN	SEDIMENT CONTROL STONE
180	HR	POLICE	8.5	HA	TEMPORARY MULCHING
358	EA	TEMPORARY RAISED PAVEMENT MARKERS	375	KG	SEED FOR TEMPORARY SEEDING
9,515	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	3	MTN	FERTILIZER FOR TEMPORARY SEED- ING
6,881	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	12	M	TEMPORARY SLOPE DRAINS
1,768	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)	8,500	M3	SILT EXCAVATION
539	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	7,900	M2	MATTING FOR EROSION CONTROL
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	1,150	M	6.4MM HARDWARE CLOTH
240	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	60	M	***MM TEMPORARY PIPE (750MM)
61,486	M	PAINT PAVEMENT MARKING LINES (100MM)	200	M3	STILLING BASINS
2,018	M	PAINT PAVEMENT MARKING LINES (200MM)	9	HA	SEEDING & MULCHING
845	M	PAINT PAVEMENT MARKING LINES (600MM)	5	HA	MOWING
12	EA	PAINT PAVEMENT MARKING CHARAC- TER	125	KG	SEED FOR REPAIR SEEDING
348	EA	PAINT PAVEMENT MARKING SYMBOL	0.5	MTN	FERTILIZER FOR REPAIR SEEDING
400	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)			
1,072	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
80	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)			
80	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)			
159	M	150MM DI WATER PIPE, PC 2.41MPA			

250	KG	SEED FOR SUPPLEMENTAL SEEDING
15	MTN	FERTILIZER TOPDRESSING
35	M	IMPERVIOUS DIKE
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.41	HA	STREAMBANK REFORESTATION
500	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT
1,600	M	GENERIC EROSION CONTROL ITEM SAFETY FENCE
10	EA	PEDESTRIAN SIGNAL HEAD (**MM, ** SECTION) (400MM, 2 SECTION W/COUNTDOWN)
6,995	M	SIGNAL CABLE
133	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
21	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)
50	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
9	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
4,500	M	MESSENGER CABLE (6.35MM)
1,030	M	MESSENGER CABLE (9.52MM)
4,040	M	TRACER WIRE
155	M	TRENCHING (PAVED)
7,000	M	TRENCHING (UNPAVED)
2,660	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1)
134	EA	JUNCTION BOX (STANDARD SIZE)
66	EA	JUNCTION BOX (OVER-SIZED)
16	EA	WOOD POLE
72	EA	GUY ASSEMBLY
5	EA	25MM RISER WITH WEATHERHEAD
19	EA	50MM RISER WITH WEATHERHEAD
21	EA	50MM RISER WITH HEAT SHRINK TUBING
6,236	M	INDUCTIVE LOOP SAWCUT
15,290	M	LEAD-IN CABLE
2	EA	SITE SURVEY
8	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
10,000	M	COMMUNICATIONS CABLE (**FIBER) (12)
16	EA	INTERCONNECT CENTER
41	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
Lump Sum	LS	FIBER-OPTIC TRAINING
4	EA	METAL STRAIN SIGNAL POLE
43	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
2	EA	DOUBLE MAST ARM WITH METAL POLE
49	EA	SOIL TEST
16	M	DRILLED PIER FOUNDATION (**MM DIA) (1067MM)
164	M	DRILLED PIER FOUNDATION (**MM DIA) (1220MM)
2	EA	SIGNAL PEDESTAL WITH FOUNDA- TION
2	EA	MAST ARM WITH METAL POLE DE- SIGN
50	EA	SIGN FOR SIGNALS
16	EA	SIGNAL CABINET FOUNDATION
16	EA	CABINET BASE ADAPTER
16	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
103	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CENTRAL COMPUTER
1	EA	NOTEBOOK COMPUTER
1	EA	PRINTER
9	EA	METAL POLE FOUNDATION REMOVAL
9	EA	METAL POLE REMOVAL
16	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER SELF HEALING RING
5	EA	GENERIC SIGNAL ITEM GPS UNIT
2	EA	GENERIC SIGNAL ITEM POWDER COAT FOR DOUBLE MAST ARM WITH METAL POLE

4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR METAL STRAIN POLE
2	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PEDESTRIAN PEDESTAL
43	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE
2	EA	GENERIC SIGNAL ITEM PREFORMED INDUCTIVE LOOP (1.8M X 18.0M) WITH 6.0M TAIL SECTION

***** BEGIN SCHEDULE HA *****
***** (2 ALTERNATES) *****

8	EA	CAMERA WITH INTERNAL LOOP EMU- LATOR PROCESSING UNIT
		*** OR ***
8	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
2	EA	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT

*** END SCHEDULE HA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (28+13.000-L-)
190.7	M3	CLASS A CONCRETE (CULVERT)
20,792	KG	EPOXY COATED REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 006

CONTRACT ID : C200757 33324.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.209 MI

COUNTY : ONSLOW

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : APR 01 2005

BRIDGE OVER SQUIRES RUN & APPROACHES ON SR-1308.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+89.75)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
12	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
110	LF	15" RC PIPE CULVERTS, CLASS III
50	TON	INCIDENTAL STONE BASE
310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
240	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
580	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
63	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
360	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
150	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
320	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	WARNING FLAG SETS
50	EA	DRUMS
44	LF	BARRICADES (TYPE III)
8,840	LF	PAINT PAVEMENT MARKING LINES (4")
14	EA	PERMANENT RAISED PAVEMENT MARKERS
2	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (v)
2	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (v)
32	LF	6" DI WATER PIPE, PC 350
36	LF	3/4" COPPER WATER PIPE, TYPE K
150	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP
2	EA	6" GATE VALVE & VALVE BOX, 200# WP
1	EA	RELOCATE EXISTING WATER METER
1	EA	FIRE HYDRANT, ***** WP (150# WP)
570	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
165	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
35	CY	SILT EXCAVATION
420	SY	SYNTHETIC ROVING
700	SY	MATTING FOR EROSION CONTROL

500	LF	1/4" HARDWARE CLOTH
100	SY	FLOATING TURBIDITY CURTAIN
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
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+89.75 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+89.75 -L-)
59.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+89.75 -L-)
10,177	LB	REINFORCING STEEL (BRIDGE)
420	LF	HP12X53 STEEL PILES
720	LF	HP14X73 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (14+89.75 -L-)
257.68	LF	CONCRETE BARRIER RAIL
438	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
487	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,674.9	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040817 007

CONTRACT ID : C201249 36485.2.1

DIV OFFICE DURHAM

LENGTH = 0.000 MI

COUNTY : WAKE

BRIDGE CLEANING AND PAINTING.

DBE GOAL 0.0% COMPLETION DATE : OCT 01 2005

BRIDGES #190, #192, #202, #30, #204, #15, #208, & #212 IN WAKE COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF EXT STRUCTURES (#190, 192, & 202)
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF EXT STRUCTURES (#30, 204, 15, 208 & 212)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 008

CONTRACT ID : C200266 34590.3.1

DIV OFFICE GREENSBORO

LENGTH = 24.400 MI

COUNTY : CASWELL, ROCKINGHAM

MEDIAN GUARDRAIL.

DBE GOAL 5.0% COMPLETION DATE : JUL 15 2005

US-29 FROM GUILFORD COUNTY LINE TO VIRGINIA STATE LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
24	EA	IMPACT ATTENUATOR UNIT, TYPE 350
4,000	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
6,380	LF	REMOVE EXISTING GUARDRAIL
114,000	LF	DOUBLE FACED CABLE GUIDERAIL
134	EA	CABLE GUIDERAIL ANCHOR UNITS
568	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGNS
100	EA	DRUMS
100	EA	CONES
4	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
115	ACR	MOWING
11	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
115	HR	SPECIALIZED HAND MOWING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 009

CONTRACT ID : C200860 33195.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.245 MI

COUNTY : GUILFORD

GRADING, DRAINAGE , PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER BEAVER CREEK & APPROACHES ON SR-3000.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+39.20)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
2,750	CY	BORROW EXCAVATION
145	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
26	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
32	LF	15" SIDE DRAIN PIPE
40	LF	18" SIDE DRAIN PIPE
56	LF	18" RC PIPE CULVERTS, CLASS III
108	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
51	LF	PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
485	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
349	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
428	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
64	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
11	EA	RIGHT OF WAY MARKERS
78	CY	SUBDRAIN EXCAVATION
59	CY	SUBDRAIN FINE AGGREGATE
350	LF	6" PERFORATED SUBDRAIN PIPE
11	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	CY	PIPE PLUGS
2	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
1	EA	FRAME WITH TWO GRATES, STD 840.29
300	LF	SHOULDER BERM GUTTER
350	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
195	TON	PLAIN RIP RAP, CLASS B
867	SY	FILTER FABRIC FOR DRAINAGE
342	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	WARNING FLAG SETS
96	LF	BARRICADES (TYPE III)
2,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
30	EA	PERMANENT RAISED PAVEMENT MARKERS
605	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
230	TON	STONE FOR EROSION CONTROL, CLASS B
200	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING

0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
70	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
600	CY	SILT EXCAVATION
1,255	SY	MATTING FOR EROSION CONTROL
140	SY	PERMANENT SOIL REINFORCEMENT MAT
40	LF	1/4" HARDWARE CLOTH
6	EA	SPECIAL STILLING BASINS
3	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
2.25	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
75	LF	GENERIC EROSION CONTROL ITEM SAFETY FENCE

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+39.20 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+39.20 -L-)
62.25	LF	**1,**" DIA DRILLED PIERS IN SOIL (3'-6")
54	LF	**1,**" DIA DRILLED PIERS NOT IN SOIL (3'-6")
59.6	LF	PERMANENT STEEL CASING FOR **1,**" DIA DRILLED PIER (3'-6")
1	EA	CROSSHOLE SONIC LOGGING
525	LF	CSL TUBES
835	CY	UNCLASSIFIED STRUCTURE EXCAVATION
5,708	SF	REINFORCED CONCRETE DECK SLAB
4,710	SF	GROOVING BRIDGE FLOORS
126.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+39.20 -L-)
25,238	LB	REINFORCING STEEL (BRIDGE)
3,479	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
616.374	LF	45" PRESTRESSED CONCRETE GIRDERS
260	LF	HP12X53 STEEL PILES
315.11	LF	CONCRETE BARRIER RAIL
265	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
400	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

L040817 010

CONTRACT ID : C200909 33192.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.180 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER HAW RIVER & APPROACHES ON SR-2712.

ROADWAY ITEMS

				Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+44.43 -L-)	99.2	LF	3'-6" DIA DRILLED PIERS IN SOIL
Lump Sum	LS	MOBILIZATION							
Lump Sum	LS	CONSTRUCTION SURVEYING					60.8	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+45.00)					91	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
Lump Sum	LS	GRADING					1	EA	CROSSHOLE SONIC LOGGING
	1	ACR	SUPPLEMENTARY CLEARING & GRUBBING				700	LF	CSL TUBES
	500	CY	UNDERCUT EXCAVATION				Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+44.43-L-)
	35	CY	DRAINAGE DITCH EXCAVATION				77.6	CY	CLASS A CONCRETE (BRIDGE)
	3	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS				Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+44.43 -L-)
	24	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK				21,260	LB	REINFORCING STEEL (BRIDGE)
	4	EA	12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK				4,300	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
	25	TON	INCIDENTAL STONE BASE				240	LF	HP12X53 STEEL PILES
	310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B				256.93	LF	CONCRETE BARRIER RAIL
	485	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A				230	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
	45	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22				260	SY	FILTER FABRIC FOR DRAINAGE
	16	EA	RIGHT OF WAY MARKERS				Lump Sum	LS	ELASTOMERIC BEARINGS
	2	EA	MASONRY DRAINAGE STRUCTURES				1,670.03	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
	2	EA	FRAME WITH TWO GRATES, STD 840.29						
	11	LF	SHOULDER BERM GUTTER						
	25	LF	STEEL BM GUARDRAIL						
	5	EA	ADDITIONAL GUARDRAIL POSTS						
	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III						
	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350						
	100	TON	PLAIN RIP RAP, CLASS I						
	310	TON	PLAIN RIP RAP, CLASS B						
	1,525	SY	FILTER FABRIC FOR DRAINAGE						
	381	SF	WORK ZONE SIGNS (STATIONARY)						
	94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)						
	96	LF	BARRICADES (TYPE III)						
	8	HR	FLAGGER						
	7,600	LF	PAINT PAVEMENT MARKING LINES (4")						
	350	LF	TEMPORARY SILT FENCE						
	75	TON	STONE FOR EROSION CONTROL, CLASS A						
	210	TON	STONE FOR EROSION CONTROL, CLASS B						
	235	TON	SEDIMENT CONTROL STONE						
	1.5	ACR	TEMPORARY MULCHING						
	50	LB	SEED FOR TEMPORARY SEEDING						
	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING						
	230	CY	SILT EXCAVATION						
	855	SY	MATTING FOR EROSION CONTROL						
	40	LF	1/4" HARDWARE CLOTH						
	8	EA	SPECIAL 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						
	1	HR	SPECIALIZED HAND MOWING						
	8	EA	RESPONSE FOR EROSION CONTROL						

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+44.43 -L-)
----------	----	--

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 011

CONTRACT ID : C200843

33160.3.2

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.108 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER BUFFALO CREEK AND APPROACHES ON SR-1674.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (10+87.50-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
600	SF	TEMPORARY SHORING
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
44	LF	15" SIDE DRAIN PIPE
76	LF	18" RC PIPE CULVERTS, CLASS III
44	LF	24" RC PIPE CULVERTS, CLASS III
24	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
110	LF	PIPE REMOVAL
32	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
690	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
270	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
48	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
35	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
13	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
20	LF	SHOULDER BERM GUTTER
25	LF	STEEL BM GUARDRAIL
75	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
300	LF	CHAIN LINK FENCE, *** FABRIC (72")
25	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
5	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
50	LF	ADDITIONAL BARBED WIRE
2	EA	SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (72", 8', 8')
1	TON	PLAIN RIP RAP, CLASS B
305	SY	FILTER FABRIC FOR DRAINAGE
84	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
22	EA	CONES

48	LF	BARRICADES (TYPE III)
180	MD	FLAGGER
4	EA	WARNING LIGHTS (TYPE B)
25	LF	WATER FILLED BARRIER
2,288	LF	EPOXY PAVEMENT MARKING LINES (4")
15	LF	EPOXY PAVEMENT MARKING LINES (24")
4,576	LF	PAINT PAVEMENT MARKING LINES (4")
30	LF	PAINT PAVEMENT MARKING LINES (24")
400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
800	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
200	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
55	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
175	CY	SILT EXCAVATION
530	SY	MATTING FOR EROSION CONTROL
20	LF	1/4" HARDWARE CLOTH
0.5	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
0.5	TON	FERTILIZER TOPDRESSING
0.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.15	ACR	STREAMBANK REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (10+87.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+87.50-L-)
21	CY	FOUNDATION EXCAVATION
54.97	LF	***" DIA DRILLED PIERS NOT IN SOIL (3'-6")
1	EA	CROSSHOLE SONIC LOGGING
289.9	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (10+87.50-L-)
3,448	SF	REINFORCED CONCRETE DECK SLAB
2,060	SF	GROOVING BRIDGE FLOORS
116.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (10+87.50-L-)
19,880	LB	REINFORCING STEEL (BRIDGE)
2,471	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
411.67	LF	54" PRESTRESSED CONCRETE GIRDERS
180	LF	HP12X53 STEEL PILES
150.67	LF	TWO BAR METAL RAIL
165.83	LF	1'-***"X *****" CONCRETE PARAPET (1'-2" X 3'-3")
327	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
363	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

L040817 012

CONTRACT ID : C200809 34517.3.5

DIV OFFICE SHELBY

LENGTH = 7.444 KM

COUNTY : IREDELL

WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : JUL 01 2007

US-70 FROM SR-2318 (SHILOH CHURCH RD) TO ROWAN COUNTY LINE.

ROADWAY ITEMS					
			49.2	M	300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
			177.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	MOBILIZATION	34.8	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	CONSTRUCTION SURVEYING	34.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)	18	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
1.2	HA	SUPPLEMENTARY CLEARING & GRUBBING	24	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
7	EA	SEALING ABANDONED WELLS	2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (900MM, 2.01MM)
465,000	M3	UNCLASSIFIED EXCAVATION	2	EA	300MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (39+60.00-L-EBL)	21	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (39+60.00-L-WBL)	2	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (41+60.00-L-EBL)	4	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (41+60.00-L-WBL)	2	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
1,000	M3	UNDERCUT EXCAVATION	999	M	PIPE REMOVAL
325	MTN	CLASS IV SUBGRADE STABILIZATION	200	M2	150MM SLOPE PROTECTION
767,000	M3	BORROW EXCAVATION	Lump Sum	LS	FINE GRADING
4,695	M3	DRAINAGE DITCH EXCAVATION	550	KG	SEALING EXISTING PAVEMENT CRACKS
500	M	BERM DITCH CONSTRUCTION	110,300	M2	LIME TREATED SOIL (SLURRY METHOD)
7,000	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,300	MTN	LIME FOR LIME TREATED SOIL
1,300	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	500	MTN	STABILIZER AGGREGATE
1,700	M2	BREAKING OF EXISTING CONCRETE PAVEMENT	85,000	MTN	AGGREGATE BASE COURSE
41	HR	PROOF ROLLING	36,800	M2	***MM SOIL CEMENT BASE (180MM)
500	M3	SELECT GRANULAR MATERIAL	1,200	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
500	M2	FABRIC FOR SOIL STABILIZATION	500	MTN	AGGREGATE FOR SOIL CEMENT BASE
3,900	MTN	SELECT MATERIAL, CLASS II	100,200	L	ASPHALT CURING SEAL
7,800	MTN	SELECT MATERIAL, CLASS III	500	MTN	INCIDENTAL STONE BASE
8,400	MTN	SELECT MATERIAL, CLASS IV	1,500	M2	MILLING ASPHALT PAVEMENT, ***MM DEPTH (60MM)
1,660	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	38,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
62.4	M	375MM SIDE DRAIN PIPE	41,700	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
34.8	M	450MM SIDE DRAIN PIPE	29,700	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
74.4	M	300MM RC PIPE CULVERTS, CLASS III	3,612	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,141.2	M	375MM RC PIPE CULVERTS, CLASS III	1,782	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,202.4	M	450MM RC PIPE CULVERTS, CLASS III	180	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
1,051.2	M	600MM RC PIPE CULVERTS, CLASS III	248	M3	SUBDRAIN EXCAVATION
397.2	M	750MM RC PIPE CULVERTS, CLASS III	124	M3	SUBDRAIN FINE AGGREGATE
242.4	M	900MM RC PIPE CULVERTS, CLASS III	300	M	150MM PERFORATED SUBDRAIN PIPE
126	M	1050MM RC PIPE CULVERTS, CLASS III	30	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
72	M	1200MM RC PIPE CULVERTS, CLASS III	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
55.2	M	1350MM RC PIPE CULVERTS, CLASS III	4	M	150MM OUTLET PIPE (SUBDRAINS)
51.6	M	1500MM RC PIPE CULVERTS, CLASS III	10	MTN	BLOTTING SAND
74.4	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)	40	M3	ENDWALLS
115.2	M	****MM RC PIPE CULVERTS, CLASS IV (1650MM)	20	M3	REINFORCED ENDWALLS
86	M	****MM RC PIPE CULVERTS, CLASS IV (1800MM)	2	M3	PIPE COLLARS
57.6	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)	1	M3	PIPE PLUGS
142.8	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)	120	EA	MASONRY DRAINAGE STRUCTURES
			12	M	MASONRY DRAINAGE STRUCTURES
			7	EA	FRAME WITH TWO GRATES, STD 840.16
			21	EA	FRAME WITH TWO GRATES, STD 840.20
			15	EA	FRAME WITH TWO GRATES, STD 840.22
			13	EA	FRAME WITH TWO GRATES, STD 840.24

4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	788	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
23	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	346	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
28	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	18	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
7	EA	CONCRETE APRON FOR CATCH BASIN	157	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
1	EA	CONCRETE APRON FOR DROP INLETS	630	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM)
9,450	M	***MM CONCRETE CURB & GUTTER (825MM)	96,880	M	PAINT PAVEMENT MARKING LINES (100MM)
1,570	M	450MM CONCRETE CURB & GUTTER	284	M	PAINT PAVEMENT MARKING LINES (150MM)
4,680	M	750MM CONCRETE CURB & GUTTER	591	M	PAINT PAVEMENT MARKING LINES (200MM)
3,010	M	SHOULDER BERM GUTTER	616	M	PAINT PAVEMENT MARKING LINES (600MM)
220	M2	CONCRETE WHEELCHAIR RAMPS	54	EA	PAINT PAVEMENT MARKING CHARACTER
920	M2	150MM CONCRETE DRIVEWAY	99	EA	PAINT PAVEMENT MARKING SYMBOL
4	M2	100MM CONCRETE PAVED DITCH	3,295	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
1,600	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)	42	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
130	M2	GENERIC PAVING ITEM 200MM CONCRETE DRIVEWAY (REINFORCED NORMAL DRIVE)	28	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)
20	EA	ADJUSTMENT OF MANHOLES	12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
40	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	1,103	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
5,006.34	M	STEEL BM GUARDRAIL	15	EA	2.1M U-CHANNEL POSTS
83.82	M	STEEL BM GUARDRAIL, SHOP CURVED	15	EA	OBJECT MARKERS (END OF ROAD)
6	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	Lump Sum	LS	PORTABLE LIGHTING
10	EA	ADDITIONAL GUARDRAIL POSTS	20	M	GENERIC LIGHTING ITEM
5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	110	MTN	ELECTRICAL UNDERGROUND CONDUIT (100 MM, METALLIC)
16	EA	GUARDRAIL ANCHOR UNITS, TYPE III	110	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
16	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	110	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	32	M	150MM DI WATER PIPE, PC 2.41MPA
447	M	REMOVE EXISTING GUARDRAIL	328	M	300MM DI WATER PIPE, PC 2.41MPA
10,500	M	WOVEN WIRE FENCE, 1200MM FABRIC	21	M	***MM COPPER WATER PIPE, TYPE K (50MM)
2,120	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	16	M	20MM COPPER WATER PIPE, TYPE K
610	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	768	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
300	M	ADDITIONAL BARBED WIRE	1	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
198.12	M	RELAPPING GUARDRAIL	2	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA)
1,540	MTN	PLAIN RIP RAP, CLASS I	13	EA	RELOCATE EXISTING WATER METER (20MM)
980	MTN	PLAIN RIP RAP, CLASS II	4	EA	RELOCATE EXISTING FIRE HYDRANT
2,400	MTN	PLAIN RIP RAP, CLASS B	113	M	300MM DI SEWER PIPE, PC 2.41MPA
12,045	M2	FILTER FABRIC FOR DRAINAGE	2	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
929	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	6	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)
4	EA	SIGN ERECTION, TYPE D	120	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (CONC SEWER)
184	EA	SIGN ERECTION, TYPE E	168	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI WATER PIPE)
6	EA	SIGN ERECTION, TYPE F	1	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE
10	EA	RELOCATE SIGN, TYPE ***** (D)	1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
25	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3	EA	GENERIC UTILITY ITEM RELOCATE EXISTING 50MM WATER METER
10	EA	DISPOSAL OF SUPPORT, U-CHANNEL	6,130	M	TEMPORARY SILT FENCE
158	M2	WORK ZONE SIGNS (STATIONARY)	920	MTN	STONE FOR EROSION CONTROL, CLASS A
68	M2	WORK ZONE SIGNS (PORTABLE)	17,200	MTN	STONE FOR EROSION CONTROL, CLASS B
30	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	6,680	MTN	SEDIMENT CONTROL STONE
1	EA	FLASHING ARROW PANELS, TYPE C	38	HA	TEMPORARY MULCHING
33	EA	WARNING FLAG SETS	2,425	KG	SEED FOR TEMPORARY SEEDING
500	EA	DRUMS	19.5	MTN	FERTILIZER FOR TEMPORARY SEEDING
50	EA	CONES	1,100	M	TEMPORARY SLOPE DRAINS
238	M	BARRICADES (TYPE III)	55	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	MD	FLAGGER	69,515	M3	SILT EXCAVATION
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)	21,400	M2	MATTING FOR EROSION CONTROL
2,241	M	REMOVABLE TAPE PAVEMENT MARKING LINES (100MM)			
35	M	REMOVABLE TAPE PAVEMENT MARKING LINES (600MM)			
4	EA	REMOVABLE TAPE PAVEMENT MARKING SYMBOL			
1,228	EA	TEMPORARY RAISED PAVEMENT MARKERS			
14,406	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)			
12,720	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)			
738	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)			

STRUCTURE ITEMS

210	M2	COIR FIBER MAT	81.8	M	****MM DIA DRILLED PIERS IN SOIL (1676MM)
970	M2	PERMANENT SOIL REINFORCEMENT MAT			
920	M	6.4MM HARDWARE CLOTH	20	M	****MM DIA DRILLED PIERS NOT IN SOIL (1676MM)
300	M3	STILLING BASINS			
57.5	HA	SEEDING & MULCHING			
20	HA	MOWING	2	EA	SID INSPECTION
450	KG	SEED FOR REPAIR SEEDING	4	EA	SPT TESTING
1.5	MTN	FERTILIZER FOR REPAIR SEEDING	2	EA	CROSSHOLE SONIC LOGGING
1,625	KG	SEED FOR SUPPLEMENTAL SEEDING	629	M	CSL TUBES
96.75	MTN	FERTILIZER TOPDRESSING	3,164.7	M2	REINFORCED CONCRETE DECK SLAB
0.7	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)	2,636.1	M2	GROOVING BRIDGE FLOORS
100	M	IMPERVIOUS DIKE	441.2	M3	CLASS A CONCRETE (BRIDGE)
36.5	HR	SPECIALIZED HAND MOWING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (39+62.402 -L- LEFT LANE)
24	EA	RESPONSE FOR EROSION CONTROL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (39+62.402 -L- RIGHT LANE)
18	EA	ROOTWADS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+59.472 -L- LEFT LANE)
630	M3	CULVERT DIVERSION CHANNEL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+59.472 -L- RIGHT LANE)
5	HA	REFORESTATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+59.472 -L- LEFT LANE)
0.12	HA	STREAMBANK REFORESTATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+59.472 -L- RIGHT LANE)
1,706	M	SIGNAL CABLE	53,312	KG	REINFORCING STEEL (BRIDGE)
51	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	6,909	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)	667,050	LS	APPROX KG STRUCTURAL STEEL
8	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	1,949	M	HP310X79 STEEL PILES
1,138	M	MESSENGER CABLE (6.35MM)	536.839	M	CONCRETE BARRIER RAIL
901	M	MESSENGER CABLE (9.52MM)	3,140	M2	100MM SLOPE PROTECTION
25	M	TRENCHING (PAVED)	Lump Sum	LS	POT BEARINGS
2,511	M	TRENCHING (UNPAVED)	Lump Sum	LS	ELASTOMERIC BEARINGS
169	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1)	Lump Sum	LS	EVAZOTE JOINT SEALS
47	EA	JUNCTION BOX (STANDARD SIZE)			
12	EA	JUNCTION BOX (OVER-SIZED)			
7	EA	WOOD POLE			
18	EA	GUY ASSEMBLY			
5	EA	25MM RISER WITH WEATHERHEAD			
6	EA	50MM RISER WITH WEATHERHEAD			
4	EA	50MM RISER WITH HEAT SHRINK TUBING			
3,114	M	INDUCTIVE LOOP SAWCUT			
7,875	M	LEAD-IN CABLE			
1,951	M	COMMUNICATIONS CABLE (**FIBER) (12)			
2	EA	INTERCONNECT CENTER			
2	EA	FIBER-OPTIC TRANSCEIVER			
9	EA	DELINEATOR MARKER			
1	EA	FURNISH FIBER-OPTIC RESTORATION KIT			
1	EA	FURNISH FIBER-OPTIC TRANSCEIVER			
20	EA	METAL STRAIN SIGNAL POLE			
20	EA	SOIL TEST			
92	M	DRILLED PIER FOUNDATION (***MM DIA) (1067MM)			
4	EA	SIGN FOR SIGNALS			
2	EA	LED BLANKOUT SIGN			
4	EA	SIGNAL CABINET FOUNDATION			
4	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)			
1	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, POLE MOUNTED)			
29	EA	DETECTOR CARD (NEMA TS-2)			
1	EA	TRAFFIC SIGNAL REMOVAL			

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (32+55.510 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (44+43.180 -L-)
413	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
750	M3	CLASS A CONCRETE (CULVERT)
73,699	KG	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 013

CONTRACT ID : C200844 33165.3.2

DIV OFFICE ASHEVILLE

LENGTH = 0.104 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : JUN 30 2005

BRIDGE OVER HOMINY CREEK & APPROACHES ON SR-1141.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
90	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZATION
500	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
100	SF	TEMPORARY SHORING - BARRIER SUPPORTED
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
140	LF	15" RC PIPE CULVERTS, CLASS III
112	LF	18" RC PIPE CULVERTS, CLASS III
12	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
38	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
138	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
130	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
113	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
20	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	EA	RIGHT OF WAY MARKERS
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
65	LF	SHOULDER BERM GUTTER
130	LF	CONCRETE EXPRESSWAY GUTTER
125	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
145	LF	GENERIC FENCING ITEM WOOD FENCE COMPLETE WITH POSTS
50	TON	PLAIN RIP RAP, CLASS II
5	TON	PLAIN RIP RAP, CLASS B
265	SY	FILTER FABRIC FOR DRAINAGE
52	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
54	EA	DRUMS
30	EA	CONES
40	LF	BARRICADES (TYPE III)
32	HR	FLAGGER
1	EA	TEMPORARY CRASH CUSHIONS
70	LF	PORTABLE CONCRETE BARRIER
4,416	LF	PAINT PAVEMENT MARKING LINES (4")
172	LF	PAINT PAVEMENT MARKING LINES (16")
120	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARACTER
900	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
145	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING

0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
255	CY	SILT EXCAVATION
670	SY	MATTING FOR EROSION CONTROL
60	LF	1/4" HARDWARE CLOTH
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

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+24.50 -L-)
27.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+24.50 -L-)
4,357	LB	REINFORCING STEEL (BRIDGE)
245	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
105.13	LF	CONCRETE BARRIER RAIL
92	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
103	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
578.65	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 014

CONTRACT ID : C200906 32984.3.2

DIV OFFICE ASHEVILLE

LENGTH = 0.418 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER DILLINGHAM CREEK & APPROACHES ON SR-2173.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+80.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
3.5	CY	DRAINAGE DITCH EXCAVATION
37	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
148	LF	15" SIDE DRAIN PIPE
148	LF	15" RC PIPE CULVERTS, CLASS III
45	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
500	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
370	GAL	PRIME COAT
785	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
810	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
125	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
37	EA	RIGHT OF WAY MARKERS
44.8	CY	SUBDRAIN EXCAVATION
33.6	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)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH GRATE, STD 840.29
340	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
225	LF	ADDITIONAL BARBED WIRE
225	LF	** STRAND BARBED WIRE FENCE WITH POSTS (5)
165	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (48")
1	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (48" HIGH, 10' WIDE, 20' OPEN)
20	TON	PLAIN RIP RAP, CLASS B
525	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
98	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
70	EA	DRUMS
20	EA	CONES
48	LF	BARRICADES (TYPE III)
384	HR	FLAGGER
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
36,960	LF	PAINT PAVEMENT MARKING LINES (4")
1,025	LF	TEMPORARY SILT FENCE

120	TON	STONE FOR EROSION CONTROL, CLASS A
460	TON	STONE FOR EROSION CONTROL, CLASS B
360	TON	SEDIMENT CONTROL STONE
4.5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
40	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,000	CY	SILT EXCAVATION
2,020	SY	MATTING FOR EROSION CONTROL
360	LF	1/4" HARDWARE CLOTH
6	EA	SPECIAL STILLING BASINS
5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3.75	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 ***** (19 + 80.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19 + 80.00 -L-)
40	LF	PILE EXCAVATION IN SOIL
25	LF	PILE EXCAVATION NOT IN SOIL
19	LF	3'-6" DIA DRILLED PIERS IN SOIL
34	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
24	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	CROSSHOLE SONIC LOGGING
242	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19 + 80.00 -L-)
5,251	SF	REINFORCED CONCRETE DECK SLAB
6,259	SF	GROOVING BRIDGE FLOORS
106	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19 + 80.00 -L-)
18,409	LB	REINFORCING STEEL (BRIDGE)
1,548	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
670.59	LF	45" PRESTRESSED CONCRETE GIRDERS
365	LF	HP12X53 STEEL PILES
21	EA	STEEL PILE POINTS
274.92	LF	CONCRETE BARRIER RAIL
366	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
375	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

L040817 015

CONTRACT ID : C200908 33166.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.108 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 6.0% COMPLETION DATE : OCT 01 2005

CULVERT ON TRIBUTARY TO MILL CREEK & APPROACHES ON SR-1319.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
80	CY	DRAINAGE DITCH EXCAVATION
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
100	LF	15" RC PIPE CULVERTS, CLASS III
272	LF	18" RC PIPE CULVERTS, CLASS III
48	LF	PIPE REMOVAL
22	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
225	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
195	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
41	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
17	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
16	EA	RIGHT OF WAY MARKERS
0.1	CY	PIPE PLUGS
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.20
355	LF	CONCRETE EXPRESSWAY GUTTER
1	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
350	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
65	TON	PLAIN RIP RAP, CLASS I
7	TON	PLAIN RIP RAP, CLASS B
350	SY	FILTER FABRIC FOR DRAINAGE
359	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	WARNING FLAG SETS
25	EA	DRUMS
15	EA	CONES
96	LF	BARRICADES (TYPE III)
80	HR	FLAGGER
4,702	LF	PAINT PAVEMENT MARKING LINES (4")
90	LF	PAINT PAVEMENT MARKING LINES (16")
70	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARACTER
52	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
52	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
447.2	LF	6" DI WATER PIPE, PC 350
528.8	LF	16" DI WATER PIPE, PC ***** (250)
14	LF	3/4" COPPER WATER PIPE, TYPE K
3,465	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
3	EA	3/4" CORPORATION STOP
7	EA	6" GATE VALVE & VALVE BOX, 200# WP
1	EA	*** BUTTERFLY VALVE & VALVE BOX (16")
1	EA	***X*** TAPPING SADDLE (16", 3/4")

2	EA	***X*** TAPPING SADDLE (6", 3/4")
3	EA	RELOCATE EXISTING WATER METER
1	EA	FIRE HYDRANT, ***** WP (200#)
1	EA	RELOCATE EXISTING FIRE HYDRANT
518	LF	FILL OR REMOVE ABANDONED 16" PIPE, ***** (DI)
370	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
160	TON	STONE FOR EROSION CONTROL, CLASS B
70	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
335	CY	SILT EXCAVATION
835	SY	MATTING FOR EROSION CONTROL
60	LF	1/4" HARDWARE CLOTH
140	LF	*** TEMPORARY PIPE (24")
34	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
85	LF	IMPERVIOUS DIKE
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+02.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (12+02.00 -L-)
180	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
237.6	CY	CLASS A CONCRETE (CULVERT)
46,926	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 016

CONTRACT ID : C200842 33093.3.1

DIV OFFICE SYLVA

LENGTH = 0.095 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 8.0% COMPLETION DATE : NOV 01 2005

CULVERT ON WASH CREEK AND APPROACHED ON SR-1127 (KANUGA RD) IN HENDERSONVILLE.

ROADWAY ITEMS

			61	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (24")
			68	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	MOBILIZATION	1,190	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	GRADING	36	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
100	CY	UNDERCUT EXCAVATION	8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
62	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	5,207	LF	PAINT PAVEMENT MARKING LINES (4")
240	LF	15" RC PIPE CULVERTS, CLASS III	72	LF	PAINT PAVEMENT MARKING LINES (24")
4	LF	18" RC PIPE CULVERTS, CLASS III	16	EA	PAINT PAVEMENT MARKING SYMBOL
328	LF	24" RC PIPE CULVERTS, CLASS III	300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
8	LF	48" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK	32	EA	PERMANENT RAISED PAVEMENT MARKERS
105	LF	PIPE REMOVAL	44	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
2	EA	PIPE CLEAN-OUT	44	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
150	TON	INCIDENTAL STONE BASE	1	TON	PAVEMENT REPAIR FOR UTILITY WORK
100	SY	INCIDENTAL MILLING	510	LF	6" DI WATER PIPE, PC 350
230	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	120	LF	3/4" COPPER WATER PIPE, TYPE K
160	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	850	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
840	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	3	EA	3/4" CORPORATION STOP
73	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	3	EA	6" GATE VALVE & VALVE BOX, 200# WP
290	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	3	EA	***X*** TAPPING SADDLE (6" X 3/4")
22.4	CY	SUBDRAIN EXCAVATION	3	EA	RELOCATE EXISTING WATER METER
16.8	CY	SUBDRAIN FINE AGGREGATE	1	EA	RELOCATE EXISTING FIRE HYDRANT
100	LF	6" PERFORATED SUBDRAIN PIPE	209	LF	8" DI SEWER PIPE, PC 350
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	2	EA	4' DIA PRECAST CONC SEWER MANHOLE 0-6' DEPTH
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1	LF	PRECAST CONC MANHOLE WALL, * DIA, OVER 6' HT (4')
6	LF	6" OUTLET PIPE (SUBDRAINS)	306	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", TC SEWER)
100	LF	SHOULDER DRAIN	2	EA	GENERIC UTILITY ITEM STEEL H-PILE PIER
1.1	CY	PIPE COLLARS	100	LF	GENERIC UTILITY ITEM 8" DI RIGID RESTRAINED JOINT SEWER PIPE, PC 350
0.2	CY	PIPE PLUGS	340	LF	TEMPORARY SILT FENCE
17	EA	MASONRY DRAINAGE STRUCTURES	150	TON	STONE FOR EROSION CONTROL, CLASS A
3	EA	FRAME WITH TWO GRATES, STD 840.16	130	TON	STONE FOR EROSION CONTROL, CLASS B
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	180	TON	SEDIMENT CONTROL STONE
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	0.5	ACR	TEMPORARY MULCHING
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	50	LB	SEED FOR TEMPORARY SEEDING
2	EA	FRAME WITH COVER, STD 840.54	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	CONCRETE APRON FOR DROP INLETS	160	CY	SILT EXCAVATION
750	LF	2'-6" CONCRETE CURB & GUTTER	465	SY	MATTING FOR EROSION CONTROL
390	SY	4" CONCRETE SIDEWALK	460	LF	1/4" HARDWARE CLOTH
50	SY	CONCRETE WHEELCHAIR RAMPS	40	CY	STILLING BASINS
120	SY	6" CONCRETE DRIVEWAY	0.5	ACR	SEEDING & MULCHING
140	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	0.5	ACR	MOWING
10	EA	ADJUSTMENT OF MANHOLES	50	LB	SEED FOR REPAIR SEEDING
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	0.25	TON	FERTILIZER FOR REPAIR SEEDING
25	TON	PLAIN RIP RAP, CLASS I	50	LB	SEED FOR SUPPLEMENTAL SEEDING
325	SY	FILTER FABRIC FOR DRAINAGE	0.25	TON	FERTILIZER TOPDRESSING
492	SF	WORK ZONE SIGNS (STATIONARY)	325	LF	IMPERVIOUS DIKE
180	SF	WORK ZONE SIGNS (PORTABLE)	1	HR	SPECIALIZED HAND MOWING
32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	8	EA	RESPONSE FOR EROSION CONTROL
7	EA	WARNING FLAG SETS	735	LF	SIGNAL CABLE
60	EA	DRUMS	13	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
50	EA	CONES	3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
80	LF	BARRICADES (TYPE III)			
272	HR	FLAGGER			
2	EA	WARNING LIGHTS (TYPE B)			
1,046	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")			

90	LF	MESSENGER CABLE (3/8")
77	LF	TRENCHING (PAVED)
188	LF	TRENCHING (UNPAVED)
7	EA	JUNCTION BOX (STANDARD SIZE)
2	EA	WOOD POLE
2	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
2	EA	2" RISER WITH WEATHERHEAD
1,254	LF	INDUCTIVE LOOP SAWCUT
1,040	LF	LEAD-IN CABLE
2	EA	GENERIC SIGNAL ITEM INSTALL CONTROLLER W/ CABINET (TYPE 2070L, POLE MOUNTED)
6	EA	GENERIC SIGNAL ITEM INSTALL DETECTOR CARD (TYPE 2070L)

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+82.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+82.00 -L-)
147	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
247.5	CY	CLASS A CONCRETE (CULVERT)
36,221	LB	REINFORCING STEEL (CULVERT)
1,057	SF	GENERIC CULVERT ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040817 017

CONTRACT ID : C201072 33337.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.145 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : JUL 15 2005

BRIDGE OVER MATRIMONY CREEK AND APPROACHES ON SR-1501.

ROADWAY ITEMS

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

STRUCTURE ITEMS

Lump Sum LS CONSTRUCTION, MAINTENANCE, &
 REMOVAL OF TEMP ACCESS AT STA

 (23+37.40-L-)
 Lump Sum LS REMOVAL OF EXISTING STRUCTURE
 AT STATION *****
 (23+37.40-L-)
 45.75 LF 3'-6" DIA DRILLED PIERS IN SO
 IL
 51 LF 3'-6" DIA DRILLED PIERS NOT IN
 SOIL
 41.93 LF PERMANENT STEEL CASING FOR
 3'-6" DIA DRILLED PIER
 1 EA CROSSHOLE SONIC LOGGING
 447 LF CSL TUBES
 Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-
 TION AT STATION *****
 (23+37.40-L-)
 320 LF HP12X53 STEEL PILES
 475 TON PLAIN RIP RAP CLASS II (2'-0"
 THICK)
 Lump Sum LS CONSTRUCTION OF SUBSTRUCTURE
 Lump Sum LS CONSTRUCTION OF SUPERSTRUCTURE