




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

January 20, 2009

Notice To: All Prospective Bidders

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

Subject: Change to FHWA – 1273 concerning Social Security Numbers and
Addresses on Weekly Payroll Submissions

Beginning with the February 17, 2009 letting, the Project Special Provision entitled *Revision to FHWA – 1273 Concerning Personal Information on Payroll Submissions* will be effective.

On January 18, 2009, the final rule for 29 CFR Parts 3 and 5 became effective. It requires the contractor to use only the last four digits of a worker's social security number and no address on the Weekly Payroll Submission, thus protecting the worker's privacy.

This provision will be used on all Federal Projects.

If you have any questions, I can be reached at (919) 250-4128.

Enclosure

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4128
FAX: 919-250-4119
WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC

**REVISION TO FHWA-1273 CONCERNING PERSONAL INFORMATION ON
PAYROLL SUBMISSIONS:**

(2-17-09)

SP1G59

Revise the *Standard Special Provision FHWA-1273 Required Contract Provisions Federal-Aid Construction Contracts* as follows:

Section V, Paragraph 2b is replaced with the following:

The payroll records shall contain the name, and the last four digits of the social security number of each such employee, his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof the types described in Section 1(b)(2)(B) of the Davis Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

December 23, 2008

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

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

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

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

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

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

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

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

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

WEBSITE: WWW.NCDOT.ORG

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

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
R-2414A	1	CAMDEN	US 158-NC 34 FROM EAST OF PASQUATANK RIVER IN ELIZABETH CITY TO SOUTH OF SR 1257	MARCH 17, 2009
R-2824	13	BURKE	SR 1546 FROM SR 1545 TO SR 1001	JUNE 16, 2009
R-2814A	5	WAKE	US 401 FROM SR 2044 TO NORTH OF SR 2226	OCTOBER 20, 2009
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	NOVEMBER 17, 2009
R-2519A	13	YANCEY	US 19 EAST FROM SR 1336 TO NC 80	FEBRUARY 16, 2010
R-2533CC	10	CABARRUS	NC 49 FROM EAST OF SR 2630 (CLINE ROAD) TO EAST OF NC 73	APRIL 20, 2010
R-2413C	7	GUILFORD ROCKINGHAM	NC 68 CONNECTOR -US 220 FROM THE HAW RIVER TO EXISTING NC 68/US 220 INTERSECTION	MAY 18, 2010
R-2241A	5	PERSON	US 501 FROM SR 1329 (OLD NC 51) TO NORTH OF VIRGINIA STATE LINE	OCTOBER 18, 2011



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

September 23, 2008

Notice To: All Prospective Bidders

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

Subject: Liability Insurance

Beginning with the November 18, 2008 letting, the Project Special Provision concerning Liability Insurance will be effective.

In accordance with Article 107-16 Liability Insurance, the Contractor shall add the Department as an additional insured on the commercial general liability policy at no additional cost to the Department. See attached provision for specific occurrences and limits.

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

Enclosure

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT SERVICES UNIT
1591 MAIL SERVICE CENTER
Raleigh, NC 27602-1504

TELEPHONE: 919-250-4125
FAX: 919-250-4119
WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH, NC

LIABILITY INSURANCE:

(11-18-08)

SP1G80

Page 1-68, Article 107-16 is amended to include the following as the first, second, third and fourth paragraphs:

The Contractor shall be liable for any losses resulting from a breach of the terms of this contract. The Contractor shall be liable for any losses due to the negligence or willful misconduct of its agents, assigns and employees including any sub-contractors which causes damage to others for which the Department is found liable under the Torts Claims Act, or in the General Courts of Justice, provided the Department provides prompt notice to the Contractor and that the Contractor has an opportunity to defend against such claims. The Contractor shall not be responsible for punitive damages.

The Contractor shall at its sole cost and expense obtain and furnish to the Department an original standard ACORD form certificate of insurance evidencing commercial general liability with a limit for bodily injury and property damage in the amount of \$5,000,000.00 per occurrence and general aggregate, covering the Contractor from claims or damages for bodily injury, personal injury, or for property damages which may arise from operating under the contract by the employees and agents of the Contractor. The required limit of insurance may be obtained by a single general liability policy or the combination of a general liability and excess liability or umbrella policy. The State of North Carolina shall be named as an additional insured on this commercial general liability policy. The policy may contain the following language as relates to the State as an additional insured: "This insurance with respect to the additional insured applies only to the extent that the additional insured is held liable for your or your agent's acts or omissions arising out of and in the course of operations performed for the additional insured."

The Contractor shall maintain all legally required insurance coverage, including without limitation, worker's compensation and vehicle liability, in the amounts required by law. Providing and maintaining adequate insurance coverage is a material obligation of the contractor and is of the essence of this contract. All such insurance shall meet all laws of the State of North Carolina. Such insurance coverage shall be obtained from companies that are authorized to provide such coverage and that are authorized by the Commissioner of Insurance to do business in North Carolina. The Contractor shall at all times comply with the terms of such insurance policies.

Upon execution of the contract, provide evidence of the above insurance requirements to the Engineer.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

July 22, 2008

MEMORANDUM TO: All Prequalified Contractors

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

SUBJECT: Upgrade to Expedite 5.7a

Please be advised that effective with the August 19th, 2008 bid letting, North Carolina Department of Transportation will be upgrading from Expedite 5.6a to Expedite 5.7a.

This new version of software is available for download from either the NC Department of Transportation or the Bid Express web site. The links are listed below. **Before upgrading your software, please ensure you have backed up your digital id.** If you have not done so, this can be accomplished through the Tools menu under Digital ID's. It is recommended you then uninstall the Expedite 5.6a version to ensure no confusion in the future. Once you have installed Expedite 5.7a, you need to enter in your Bidder Information and Agency ID. The digital id backup file you created in the previous version will also need to be imported back in through the Tools menu under Digital ID's. If you do not feel comfortable with any of this procedure, please do not hesitate to contact the Bid Express helpdesk at (352) 381-4888 to have them walk you through this upgrade. The staff in the Project Services' Contract Office is also available for any further questions you may have concerning this transition at (919) 250-4124.

Bid Express
<http://www.bidx.com>

NC Department of Transportation
<http://www.ncdot.org/doh/preconstruct/ps/contracts/expedi/ebs/2008/subebdefault.html>

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

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




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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LYNDO TIPPETT
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September 23, 2008

Notice To: All Prospective Bidders
From: R.A. Garris, P.E. 
State Contract Officer
Subject: Liability Insurance

Beginning with the November 18, 2008 letting, the Project Special Provision concerning Liability Insurance will be effective.

In accordance with Article 107-16 Liability Insurance, the Contractor shall add the Department as an additional insured on the commercial general liability policy at no additional cost to the Department. See attached provision for specific occurrences and limits.

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

Enclosure

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT SERVICES UNIT
1591 MAIL SERVICE CENTER
Raleigh, NC 27601-4504

TELEPHONE: 919-250-4128
FAX: 919-250-4119

WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH, NC

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(11-18-08)

SP1G80

Page 1-68, Article 107-16 is amended to include the following as the first, second, third and fourth paragraphs:

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The Contractor shall at its sole cost and expense obtain and furnish to the Department an original standard ACORD form certificate of insurance evidencing commercial general liability with a limit for bodily injury and property damage in the amount of \$5,000,000.00 per occurrence and general aggregate, covering the Contractor from claims or damages for bodily injury, personal injury, or for property damages which may arise from operating under the contract by the employees and agents of the Contractor. The required limit of insurance may be obtained by a single general liability policy or the combination of a general liability and excess liability or umbrella policy. The State of North Carolina shall be named as an additional insured on this commercial general liability policy. The policy may contain the following language as relates to the State as an additional insured: "This insurance with respect to the additional insured applies only to the extent that the additional insured is held liable for your or your agent's acts or omissions arising out of and in the course of operations performed for the additional insured."

The Contractor shall maintain all legally required insurance coverage, including without limitation, worker's compensation and vehicle liability, in the amounts required by law. Providing and maintaining adequate insurance coverage is a material obligation of the contractor and is of the essence of this contract. All such insurance shall meet all laws of the State of North Carolina. Such insurance coverage shall be obtained from companies that are authorized to provide such coverage and that are authorized by the Commissioner of Insurance to do business in North Carolina. The Contractor shall at all times comply with the terms of such insurance policies.

Upon execution of the contract, provide evidence of the above insurance requirements to the Engineer.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

October 23, 2007

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

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

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

Work Zone Traffic Control Supervisors

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

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

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

MAILING ADDRESS:
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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, NORTH CAROLINA 27610

Prospective Bidders
Work Zone Traffic Control Qualifications and Training Program
Page 2 of 2

Work Zone Traffic Control Installers

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

Work Zone Flaggers

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

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

RAG/mmm

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
INVITATION TO BID**

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON MARCH 17, 2009. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<http://www.ncdot.org/doh/construction/ps/contracts/letting.html>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-250-4124.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C. . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, PROJECT SERVICES UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS FEBRUARY 17, 2009.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Terry R Gibson, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L090317

RPN	Contract Id	WBS	County	Length	JobType
001	C202101	33452.3.ST1	CURRITUCK	0.061 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C202096	34430.3.ST1	CAMDEN	3.855 KM	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C201731	33386.3.1	BEAUFORT	0.257 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C201252	33164.3.1	BLADEN, SAMPSON	0.341 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
005	C202027	34953.3.ST1	BRUNSWICK	1.225 MI	GRADING, DRAINAGE, PAVING, SIGNAL, AND CULVERTS.
006	C202097	33735.3.1	EDGEcombe	0.076 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C202099	33469.3.1	FRANKLIN	0.161 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C201923	33281.3.1	COLUMBUS	0.521 MI	GRADING, DRAINAGE, PAVING, TEMP SIGNAL AND STRUCTURES.
009	C201966	34911.3.ST1	ALAMANCE	2.563 MI	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS & RETAINING WALL
010	C202098	33590.3.1	RICHMOND	0.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
011	C202043	34373.3.ST1	MONTGOMERY	0.909 MI	GRADING, DRAINAGE, PAVING, SIGNALS & SIGNING.
012	C202074	41900.3.ST1	SCOTLAND	1.200 MI	GRADING, DRAINAGE, PAVING AND CULVERT.
013	C202100	33455.3.1	DAVIDSON	0.189 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
014	C202042	34380.3.ST1	FORSYTH, STOKES	1.840 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURE.
015	C201831	33617.3.ST1	STANLY	0.246 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
016	C202065	34908.2.ST1	STANLY	1.452 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
017	C201829	34948.3.ST1	MECKLENBURG	1.063 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.
018	C202023	33025.3.1	WATAUGA	0.136 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
019	C201809	33653.3.1	WATAUGA	0.106 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
020	C202095	34937.3.ST1	GASTON	1.261 MI	GRADING, DRAINAGE, PAVING, AND SIGNALS.
021	C202071	33002.3.1	HAYWOOD	0.117 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 001

CONTRACT ID : C202101 33452.3.ST1

DIV OFFICE EDENTON

LENGTH = 0.061 MI

COUNTY : CURRITUCK

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : DEC 01 2009

BRIDGE OVER SHINGLE LANDING CREEK AND APPROACHES ON SR-1222.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+02.11)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
35	CY	DRAINAGE DITCH EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
80	LF	18" RC PIPE CULVERTS, CLASS III
40	LF	PIPE REMOVAL
10	TON	INCIDENTAL STONE BASE
40	SY	INCIDENTAL MILLING
140	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
100	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
13	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
35	LF	SHOULDER BERM GUTTER
4	EA	MODIFIED CONCRETE FLUME
35	SY	4" CONCRETE PAVED DITCH
25	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
5	TON	RIP RAP, CLASS B
367	SY	FILTER FABRIC FOR DRAINAGE
520	SF	WORK ZONE SIGNS (PORTABLE)
175	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	CHANGEABLE MESSAGE SIGN
72	LF	BARRICADES (TYPE III)
500	LF	TEMPORARY SILT FENCE
155	TON	STONE FOR EROSION CONTROL, CLASS A
105	TON	STONE FOR EROSION CONTROL, CLASS B
45	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
500	LF	SAFETY FENCE
160	CY	SILT EXCAVATION
250	SY	MATTING FOR EROSION CONTROL
15	SY	COIR FIBER MAT
50	SY	PERMANENT SOIL REINFORCEMENT MAT
45	LF	1/4" HARDWARE CLOTH
70	SY	FLOATING TURBIDITY CURTAIN
75	LF	COIR FIBER BAFFLES
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
0.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+02.12-L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+02.12-L-)
40.6	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+02.12-L-)
6,834	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,100	LF	12" PRESTRESSED CONC PILES
16	EA	PILE REDRIVES
196.5	LF	TWO BAR METAL RAIL
211.5	LF	1'-**"X ***** CONCRETE PARA- PET (1'-2" X 2'-8")
132	TON	RIP RAP CLASS II (2'-0" THICK)
146	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,055	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 002

CONTRACT ID : C202096 34430.3.ST1

DIV OFFICE EDENTON

LENGTH = 3.855 KM

COUNTY : CAMDEN

WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : AUG 01 2011

US-158 & NC-34 FROM EAST OF THE PASQUOTANK RIVER IN ELIZABETH CITY TO NORTH OF SR-1257 (HAVENWOOD DR).

ROADWAY ITEMS					
			3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	MOBILIZATION	60	M	CHAIN LINK FENCE, ****MM FABRIC (1800MM)
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	18	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
8,000	M3	UNCLASSIFIED EXCAVATION	2	EA	METAL GATE POSTS FOR ****MM CHAIN LINK FENCE, DOUBLE GATE (1800MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (43+13.000)	180	M	ADDITIONAL BARBED WIRE
3,000	M3	UNDERCUT EXCAVATION	1	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (1.8M HIGH, 5.4M WIDE, 10.8M OPENING)
5,200	MTN	CLASS IV SUBGRADE STABILIZATION	50	MTN	RIP RAP, CLASS I
27,000	M3	BORROW EXCAVATION	2,630	M2	FILTER FABRIC FOR DRAINAGE
4	EA	EMBANKMENT SETTLEMENT GAUGES	1	M3	REINFORCED CONCRETE SIGN FOUNDATIONS
450	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	136	KG	SUPPORTS, BREAKAWAY STEEL BEAM
2,150	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	162	M	SUPPORTS, WOOD
8,500	M2	FABRIC FOR SOIL STABILIZATION	32	EA	SIGN ERECTION, TYPE E
90	M2	TEMPORARY SHORING	1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
5,800	M3	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
8,700	M2	GENERIC GRADING ITEM FABRIC FOR EMABANKMENT STABILIZATION	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
757	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	6	EA	DISPOSAL OF SUPPORT, WOOD
27.6	M	375MM SIDE DRAIN PIPE	6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
45.6	M	***MM CS PIPE CULVERTS, ****MM THICK (750MM, 1.63MM)	18	EA	DISPOSAL OF SIGN SYSTEM, WOOD
7	M	PIPE REMOVAL	39	M2	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	FINE GRADING	28	M2	WORK ZONE SIGNS (PORTABLE)
800	MTN	STABILIZER AGGREGATE	10	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,200	MTN	INCIDENTAL STONE BASE	2	EA	FLASHING ARROW PANELS, TYPE C
12,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	4	EA	CHANGEABLE MESSAGE SIGN
13,800	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	312	EA	DRUMS
14,900	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	312	EA	CONES
1,182	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	30	M	BARRICADES (TYPE III)
895	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	600	MD	FLAGGER
25	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	EA	TEMPORARY CRASH CUSHIONS
5,700	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	1	EA	RESET TEMPORARY CRASH CUSHIONS
280	M3	SUBDRAIN EXCAVATION	2	EA	TMIA
210	M3	SUBDRAIN FINE AGGREGATE	245	M	PORTABLE CONCRETE BARRIER
500	M	150MM PERFORATED SUBDRAIN PIPE	180	M	RESET PORTABLE CONCRETE BARRIER
50	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	40	HR	POLICE
4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1,039	EA	TEMPORARY RAISED PAVEMENT MARKERS
8	M	150MM OUTLET PIPE (SUBDRAINS)	7,427	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
8	EA	MASONRY DRAINAGE STRUCTURES	13,282	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
1	EA	FRAME WITH TWO GRATES, STD 840.24	49	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
1	EA	FRAME WITH TWO GRATES, STD 840.29	49	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	499	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (III)
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	970	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)
425	M	*** X ***MM CONCRETE CURB (200MM X 450MM)	4	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (200MM) (III)
470	M	750MM CONCRETE CURB & GUTTER	82,724	M	PAINT PAVEMENT MARKING LINES (100MM)
4	M	SHOULDER BERM GUTTER	560	M	PAINT PAVEMENT MARKING LINES (200MM)
63	M	CONCRETE VALLEY GUTTER			
22	M2	150MM CONCRETE DRIVEWAY			
775	M2	100MM CONCRETE ISLAND COVERS			
169,545	M	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			

			455	M2	FILTER FABRIC FOR DRAINAGE
			Lump Sum	LS	ELASTOMERIC BEARINGS
			Lump Sum	LS	EVAZOTE JOINT SEALS
			770.588	M	914MM X 533MM PRESTRESSED CONC CORED SLABS
109	EA	PAIN T PAVEMENT MARKING SYMBOL			
4,050	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)			
25	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)			
1,000	EA	PERMANENT RAISED PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
1,234	M	250MM WATER LINE			
6	EA	RECONNECT WATER METER			
10	M	TRENCHLESS INSTALLATION OF 250MM IN SOIL			
		.			
10	M	TRENCHLESS INSTALLATION OF 250MM NOT IN SOIL			
		.			
13,700	M	TEMPORARY SILT FENCE			
1,880	MTN	STONE FOR EROSION CONTROL, CLASS A			
290	MTN	STONE FOR EROSION CONTROL, CLASS B			
810	MTN	SEDIMENT CONTROL STONE			
20.5	HA	TEMPORARY MULCHING			
400	KG	SEED FOR TEMPORARY SEEDING			
3.25	MTN	FERTILIZER FOR TEMPORARY SEED- ING			
35	M	TEMPORARY SLOPE DRAINS			
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
4,050	M	SAFETY FENCE			
250	M3	SILT EXCAVATION			
7,725	M2	MATTING FOR EROSION CONTROL			
450	M2	COIR FIBER MAT			
625	M	6.4MM HARDWARE CLOTH			
45	M	***MM TEMPORARY PIPE (760MM)			
80	M2	FLOATING TURBIDITY CURTAIN			
300	M3	STILLING BASINS			
21	HA	SEEDING & MULCHING			
13	HA	MOWING			
275	KG	SEED FOR REPAIR SEEDING			
1	MTN	FERTILIZER FOR REPAIR SEEDING			
300	KG	SEED FOR SUPPLEMENTAL SEEDING			
17	MTN	FERTILIZER TOPDRESSING			
60	M	IMPERVIOUS DIKE			
5	HR	SPECIALIZED HAND MOWING			
54	EA	RESPONSE FOR EROSION CONTROL			
0.2	HA	REFORESTATION			

***** BEGIN SCHEDULE AA *****
***** (2 ALTERNATES) *****

122.4	M	375MM RC PIPE CULVERTS, CLASS III			
122.4	M	450MM RC PIPE CULVERTS, CLASS III			
		*** OR ***			
98.4	M	375MM RC PIPE CULVERTS, CLASS III			
108	M	450MM RC PIPE CULVERTS, CLASS III			
24	M	****MM HDPE PIPE CULVERTS (375MM)			
14.4	M	****MM HDPE PIPE CULVERTS (450MM)			

*** END SCHEDULE AA ***

STRUCTURE ITEMS

2	EA	PDA TESTING			
2	EA	PDA ASSISTANCE			
1,600	M3	UNCLASSIFIED STRUCTURE EXCAVA- TION			
684	M2	CONCRETE WEARING SURFACE			
808.4	M2	GROOVING BRIDGE FLOORS			
94.2	M3	CLASS AA CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (43+13.000-L-)			
8,990	KG	EPOXY COATED REINFORCING STEEL (BRIDGE)			
990	M	406MM PRESTRESSED CONC PILES			
22	EA	PILE REDRIVES			
54.868	M	TWO BAR METAL RAIL			
59.428	M	*** X ****MM CONCRETE PARAPET (355MM X 875MM)			
446	MTN	RIP RAP CLASS II (600MM THICK)			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 003

CONTRACT ID : C201731 33386.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.257 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER RUNYON CREEK AND APPROACHES ON NC-32.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+52.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
4	EA	EMBANKMENT SETTLEMENT GAUGES
6	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
65	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
500	LF	15" RC PIPE CULVERTS, CLASS III
20	LF	18" RC PIPE CULVERTS, CLASS III
144	LF	PIPE REMOVAL
4	EA	PIPE CLEAN-OUT
100	TON	INCIDENTAL STONE BASE
1,090	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
970	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
730	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
140	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
8	EA	MASONRY DRAINAGE STRUCTURES
2	LF	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.16
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1	EA	FRAME WITH COVER, STD 840.54
1,590	LF	2'-6" CONCRETE CURB & GUTTER
430	SY	4" CONCRETE SIDEWALK
3	EA	CONCRETE WHEELCHAIR RAMPS
40	SY	6" CONCRETE DRIVEWAY
30	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1	EA	ADJUSTMENT OF CATCH BASINS
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER
162.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
350	SY	FILTER FABRIC FOR DRAINAGE
324	LF	SUPPORTS, WOOD
2	EA	SIGN ERECTION, TYPE D
17	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, TYPE F
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)

4	EA	DISPOSAL OF SUPPORT, WOOD
4	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
14	EA	DISPOSAL OF SIGN SYSTEM, WOOD
1	EA	DISPOSAL OF SIGN, D, E OR F
295	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (PORTABLE)
124	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
35	EA	DRUMS
31	EA	CONES
152	LF	BARRICADES (TYPE III)
240	HR	FLAGGER
1,521	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
52	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
43	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
24	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,824	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
17	EA	PERMANENT RAISED PAVEMENT MARKERS
130	LF	6" WATER LINE
3	EA	RELOCATE WATER METER
1,600	LF	TEMPORARY SILT FENCE
135	TON	STONE FOR EROSION CONTROL, CLASS A
155	TON	STONE FOR EROSION CONTROL, CLASS B
280	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
200	CY	SILT EXCAVATION
350	SY	MATTING FOR EROSION CONTROL
15	SY	COIR FIBER MAT
900	LF	1/4" HARDWARE CLOTH
750	SY	FLOATING TURBIDITY CURTAIN
100	LF	COIR FIBER BAFFLES
5	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (19+52.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+52.00-L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
22,426	SF	REINFORCED CONCRETE DECK SLAB

16,563	SF	GROOVING BRIDGE FLOORS
238.2	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+52.00-L-)
31,338	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
2,246.05	LF	45" PRESTRESSED CONCRETE GIR- DERS
4,985	LF	16" PRESTRESSED CONC PILES
40	EA	PILE REDRIVES
240	TON	RIP RAP CLASS II (2'-0" THICK)
260	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
909.1	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 004

CONTRACT ID : C201252 33164.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.341 MI

COUNTY : BLADEN, SAMPSON

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER SOUTH RIVER & APPORACHES ON NC-41.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+59.97-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
7	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
296	LF	15" RC PIPE CULVERTS, CLASS III
228	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
228	LF	PIPE REMOVAL
1,294	TON	AGGREGATE BASE COURSE
310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
560	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
890	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
95	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
410	LF	SHOULDER BERM GUTTER
650	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
500	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
8	TON	RIP RAP, CLASS B
680	SY	FILTER FABRIC FOR DRAINAGE
208	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, TYPE F
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
1	EA	DISPOSAL OF SUPPORT, WOOD
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
128	SF	WORK ZONE SIGNS (STATIONARY)
52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
90	EA	DRUMS
96	LF	BARRICADES (TYPE III)
880	HR	FLAGGER
61	EA	TEMPORARY RAISED PAVEMENT MARKERS
3,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
27,400	LF	PAINT PAVEMENT MARKING LINES (4")
3,600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
23	EA	SNOWPLOWABLE PAVEMENT MARKERS
2,200	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A

125	TON	STONE FOR EROSION CONTROL, CLASS B
90	TON	SEDIMENT CONTROL STONE
5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
275	LF	TEMPORARY SLOPE DRAINS
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
575	LF	SAFETY FENCE
450	CY	SILT EXCAVATION
675	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
175	LF	1/4" HARDWARE CLOTH
350	LF	COIR FIBER BAFFLES
5.5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (21+59.97-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+59.97-L-)
1	EA	PDA TESTING
2	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+59.97-L-)
89.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+59.97-L-)
18,617	LB	REINFORCING STEEL (BRIDGE)
495	LF	HP12X53 STEEL PILES
1,620	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
23	EA	PILE REDRIVES
666.38	LF	CONCRETE BARRIER RAIL
420	TON	RIP RAP CLASS II (2'-0" THICK)
467	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
3,998.25	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 005

CONTRACT ID : C202027 34953.3.ST1

DIV OFFICE WILMINGTON

LENGTH = 1.225 MI

COUNTY : BRUNSWICK

GRADING, DRAINAGE, PAVING, SIGNAL, AND CULVERTS.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2010

EXTENSION OF SR-1357 (SMITH AVE) FROM WEST OF US-17 BUS TO NC-130 IN SHALLOTTE.

ROADWAY ITEMS					
			17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION	8	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
Lump Sum	LS	CONSTRUCTION SURVEYING	10	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
131	LF	GENERIC MISCELLANEOUS ITEM STEEL PIPE HANDRAIL FOR RETAINING WALL	4,140	LF	1'-6" CONCRETE CURB & GUTTER
6,350	CY	UNDERCUT EXCAVATION	8,600	LF	2'-6" CONCRETE CURB & GUTTER
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	MODIFIED CONCRETE FLUME
Lump Sum	LS	GRADING	3,625	SY	4" CONCRETE SIDEWALK
200	TON	CLASS IV SUBGRADE STABILIZATION	39	EA	CONCRETE WHEELCHAIR RAMPS
24,500	CY	BORROW EXCAVATION	600	SY	6" CONCRETE DRIVEWAY
875	CY	DRAINAGE DITCH EXCAVATION	1,650	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
200	SY	FABRIC FOR SOIL STABILIZATION	2	EA	ADJUSTMENT OF CATCH BASINS
725	SF	TEMPORARY SHORING	5	EA	ADJUSTMENT OF MANHOLES
200	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	23	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
942	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
308	LF	15" SIDE DRAIN PIPE	1	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN
212	LF	24" SIDE DRAIN PIPE	100	LF	STEEL BM GUARDRAIL
24	LF	30" RC PIPE CULVERTS, CLASS III	25	LF	STEEL BM GUARDRAIL, SHOP CURVED
140	LF	72" RC PIPE CULVERTS, CLASS III	1	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
2	EA	*** PIPE END SECTION (15")	5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	*** PIPE END SECTION (18")	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	EA	*** PIPE END SECTION (24")	172	LF	REMOVE EXISTING GUARDRAIL
2,674	LF	PIPE REMOVAL	8,580	LF	CHAIN LINK FENCE, 48" FABRIC
10	TON	#57 STONE	718	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
2,500	TON	STABILIZER AGGREGATE	55	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
15,000	TON	AGGREGATE BASE COURSE	100	LF	ADDITIONAL BARBED WIRE
1,000	TON	INCIDENTAL STONE BASE	83	TON	RIP RAP, CLASS I
2,900	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	238	TON	RIP RAP, CLASS B
11,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	4,488	SY	FILTER FABRIC FOR DRAINAGE
11,400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	4	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
1,326	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	24	CY	OVERHEAD FOOTING
314	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	984	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1,549	CY	SUBDRAIN EXCAVATION	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (33+00.00-L-)
774	CY	SUBDRAIN FINE AGGREGATE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (36+75.00-L-)
4,600	LF	6" PERFORATED SUBDRAIN PIPE	3	EA	SIGN ERECTION, TYPE D
138	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	56	EA	SIGN ERECTION, TYPE E
10	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	13	EA	SIGN ERECTION, TYPE F
60	LF	6" OUTLET PIPE (SUBDRAINS)	15	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
10	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	324	SF	WORK ZONE SIGNS (STATIONARY)
19	CY	ENDWALLS	928	SF	WORK ZONE SIGNS (PORTABLE)
15	CY	REINFORCED ENDWALLS	197	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	CY	PIPE COLLARS	2	EA	FLASHING ARROW PANELS, TYPE C
1	CY	PIPE PLUGS	4	EA	CHANGEABLE MESSAGE SIGN
45	CY	FLOWABLE FILL	290	EA	DRUMS
88	EA	MASONRY DRAINAGE STRUCTURES	100	EA	CONES
5	LF	MASONRY DRAINAGE STRUCTURES	808	LF	BARRICADES (TYPE III)
22	EA	FRAME WITH TWO GRATES, STD 840.16	4,590	HR	FLAGGER
4	EA	FRAME WITH TWO GRATES, STD 840.24	2	EA	TMIA
29	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	337	LF	WATER FILLED BARRIER
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	152	LF	RESET WATER FILLED BARRIER
			300	HR	POLICE
			150	EA	SKINNY DRUM
			200	EA	TUBULAR MARKERS (FIXED)
			683	EA	TEMPORARY RAISED PAVEMENT MARKERS
			17,618	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			18,519	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)

			75	SY	FLOATING TURBIDITY CURTAIN	
			6	EA	SPECIAL STILLING BASINS	
			875	LF	COIR FIBER BAFFLES	
			7	EA	*** SKIMMER (1-1/2')	
			27.5	ACR	SEEDING & MULCHING	
			16.5	ACR	MOWING	
			200	LB	SEED FOR REPAIR SEEDING	
			0.75	TON	FERTILIZER FOR REPAIR SEEDING	
			450	LB	SEED FOR SUPPLEMENTAL SEEDING	
			13	TON	FERTILIZER TOPDRESSING	
			650	LF	IMPERVIOUS DIKE	
			5	HR	SPECIALIZED HAND MOWING	
			36	EA	RESPONSE FOR EROSION CONTROL	
			275	CY	CULVERT DIVERSION CHANNEL	
			0.5	ACR	REFORESTATION	
			0.1	ACR	STREAMBANK REFORESTATION	
			0.9	ACR	GENERIC EROSION CONTROL ITEM WETLAND GRASS PLANTING	
			8	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1)	
			5,490	LF	SIGNAL CABLE	
			19	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
			3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	
			7	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
			615	LF	MESSENGER CABLE (3/8")	
			2,005	LF	TRACER WIRE	
			1,330	LF	UNPAVED TRENCHING (*****) (1, 2")	
			1,355	LF	DIRECTIONAL DRILL (*****) (1, 2")	
			620	LF	DIRECTIONAL DRILL (*****) (3, 2")	
			20	EA	JUNCTION BOX (STANDARD SIZE)	
			3	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)	
			4	EA	WOOD POLE	
			8	EA	GUY ASSEMBLY	
			1	EA	1" RISER WITH WEATHERHEAD	
			5	EA	2" RISER WITH WEATHERHEAD	
			4,515	LF	INDUCTIVE LOOP SAWCUT	
			9,180	LF	LEAD-IN CABLE (*****) (14-2)	
			2,435	LF	COMMUNICATIONS CABLE (**FIBER) (12)	
			1	EA	SPLICE ENCLOSURE	
			1	EA	INTERCONNECT CENTER	
			1	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT	
			1	EA	DELINEATOR MARKER	
			1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER	
			3	EA	900MHZ WIRELESS RADIO SYSTEM	
			8	EA	METAL POLE WITH SINGLE MAST ARM	
			8	EA	SOIL TEST	
			56	CY	DRILLED PIER FOUNDATION	
			8	EA	MAST ARM WITH METAL POLE DE- SIGN	
			2	EA	SIGNAL CABINET FOUNDATION	
			2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			12	EA	DETECTOR CARD (TYPE 2070L)	
			2	EA	CABINET BASE EXTENDER	
			2	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO LIGHTN- ING ARRESTOR	
			1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM	
					***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****	
			2,700	LF	15" RC PIPE CULVERTS, CLASS III	
			2,072	LF	18" RC PIPE CULVERTS, CLASS III	
			596	LF	24" RC PIPE CULVERTS, CLASS III	
			200	LF	48" RC PIPE CULVERTS, CLASS III	
					*** OR ***	
			2,384	LF	15" RC PIPE CULVERTS, CLASS III	
			1,392	LF	18" RC PIPE CULVERTS, CLASS III	
			444	LF	24" RC PIPE CULVERTS, CLASS III	
1,066	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
742	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)				
655	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
89	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
124,365	LF	PAINT PAVEMENT MARKING LINES (4")				
3,998	LF	PAINT PAVEMENT MARKING LINES (8")				
1,416	LF	PAINT PAVEMENT MARKING LINES (24")				
208	EA	PAINT PAVEMENT MARKING SYMBOL				
12,209	LF	REMOVAL OF PAVEMENT MARKING LINES (4")				
300	LF	REMOVAL OF PAVEMENT MARKING LINES (8")				
366	LF	REMOVAL OF PAVEMENT MARKING LINES (24")				
15	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS				
195	EA	PERMANENT RAISED PAVEMENT MARKERS				
444	EA	SNOWPLOWABLE PAVEMENT MARKERS				
5	EA	7' U-CHANNEL POSTS				
5	EA	OBJECT MARKERS (END OF ROAD)				
Lump Sum	LS	PORTABLE LIGHTING				
310	LF	3" WATER LINE				
988	LF	6" WATER LINE				
692	LF	8" WATER LINE				
3,669	LF	12" WATER LINE				
1	EA	*** VALVE (1-1/2")				
4	EA	*** VALVE (3")				
5	EA	6" VALVE				
1	EA	8" VALVE				
6	EA	12" VALVE				
1	EA	2" BLOW OFF				
16	EA	RELOCATE WATER METER				
12	EA	RECONNECT WATER METER				
4	EA	RELOCATE FIRE HYDRANT				
284	LF	*** FORCE MAIN SEWER (1-1/2")				
1,963	LF	*** FORCE MAIN SEWER (3")				
1,354	LF	2" FORCE MAIN SEWER				
262	LF	ABANDON *** UTILITY PIPE (3")				
1,500	LF	ABANDON 6" UTILITY PIPE				
880	LF	ABANDON 8" UTILITY PIPE				
3,325	LF	ABANDON 12" UTILITY PIPE				
2	EA	ABANDON UTILITY MANHOLE				
100	LF	TRENCHLESS INSTALLATION OF 3" IN SOIL				
100	LF	TRENCHLESS INSTALLATION OF 3" NOT IN SOIL				
70	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL				
70	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL				
77	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL				
77	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL				
16	EA	GENERIC UTILITY ITEM RECONNECT SEWER FORCE MAIN SERVICE				
6,100	LF	TEMPORARY SILT FENCE				
1,200	TON	STONE FOR EROSION CONTROL, CLASS A				
1,400	TON	STONE FOR EROSION CONTROL, CLASS B				
1,275	TON	SEDIMENT CONTROL STONE				
23.5	ACR	TEMPORARY MULCHING				
600	LB	SEED FOR TEMPORARY SEEDING				
3.25	TON	FERTILIZER FOR TEMPORARY SEED- ING				
50	LF	TEMPORARY SLOPE DRAINS				
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
3,500	LF	SAFETY FENCE				
2,450	CY	SILT EXCAVATION				
10,500	SY	MATTING FOR EROSION CONTROL				
75	SY	COIR FIBER MAT				
2,450	LF	1/4" HARDWARE CLOTH				
20	LF	TEMPORARY PIPE FOR STREAM CROSSING				

168 LF 48" RC PIPE CULVERTS, CLASS
III
316 LF ***" HDPE PIPE CULVERTS
(15")
680 LF ***" HDPE PIPE CULVERTS
(18")
152 LF ***" HDPE PIPE CULVERTS
(24")
32 LF ***" HDPE PIPE CULVERTS
(48")

*** OR ***

2,384 LF 15" RC PIPE CULVERTS, CLASS
III
1,392 LF 18" RC PIPE CULVERTS, CLASS
III
444 LF 24" RC PIPE CULVERTS, CLASS
III
168 LF 48" RC PIPE CULVERTS, CLASS
III
316 LF ***" ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ***"
THICK
(15", 0.064")
680 LF ***" ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ***"
THICK
(18", 0.064")
152 LF ***" ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ***"
THICK
(24", 0.064")
32 LF ***" ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ***"
THICK
(48", 0.109")

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum LS CULVERT EXCAVATION, STA *****
(15+59.77-Y-)
Lump Sum LS CULVERT EXCAVATION, STA *****
(33+75.00-L-)
195 TON FOUNDATION CONDITIONING MATER-
IAL, BOX CULVERT
284.5 CY CLASS A CONCRETE (CULVERT)
51,887 LB EPOXY COATED REINFORCING STEEL
(CULVERT)

WALL ITEMS

300 SF SEGMENTAL GRAVITY RETAINING
WALLS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 006

CONTRACT ID : C202097 33735.3.1

DIV OFFICE WILSON

LENGTH = 0.076 MI

COUNTY : EDGEcombe

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER DEEP CREEK AND APPROACHES ON SR-1505.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+46.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	FABRIC FOR SOIL STABILIZATION
5	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
200	TON	INCIDENTAL STONE BASE
80	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
165	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
15	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
9	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)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
140	LF	SHOULDER BERM GUTTER
175	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	TON	RIP RAP, CLASS B
240	SY	FILTER FABRIC FOR DRAINAGE
33	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	SIGN ERECTION, TYPE E
5	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD
160	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
3,520	LF	PAINT PAVEMENT MARKING LINES (4")
7	EA	PERMANENT RAISED PAVEMENT MARKERS
610	LF	TEMPORARY SILT FENCE
120	TON	STONE FOR EROSION CONTROL, CLASS A
190	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 SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
450	LF	SAFETY FENCE
270	CY	SILT EXCAVATION
310	SY	MATTING FOR EROSION CONTROL
80	LF	1/4" HARDWARE CLOTH
4.5	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
0.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION
***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
40	LF	15" RC PIPE CULVERTS, CLASS III
*** OR ***		
40	LF	***" HDPE PIPE CULVERTS (15")
*** OR ***		
40	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064") (0.064")
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+46.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (20+46.50-L-)
36.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+46.50-L-)
5,960	LB	REINFORCING STEEL (BRIDGE)
1,050	LF	HP12X53 STEEL PILES
560	LF	HP14X73 GALVANIZED STEEL PILES
12	EA	PILE REDRIVES
234.75	LF	VERTICAL CONCRETE BARRIER RAIL
275	TON	RIP RAP CLASS II (2'-0" THICK)
306	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,173.75	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 007

CONTRACT ID : C202099 33469.3.1

DIV OFFICE DURHAM

LENGTH = 0.161 MI

COUNTY : FRANKLIN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : MAY 15 2010

BRIDGE OVER CAMPING CREEK AND APPROACHES ON SR-1146.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+88.59)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
36	LF	15" SIDE DRAIN PIPE
108	LF	15" RC PIPE CULVERTS, CLASS III
30	LF	PIPE REMOVAL
310	TON	AGGREGATE BASE COURSE
150	TON	INCIDENTAL STONE BASE
450	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
520	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
54	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
8	EA	RIGHT OF WAY MARKERS
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
110	LF	SHOULDER BERM GUTTER
75	SY	6" CONCRETE DRIVEWAY
500	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
275	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
12	TON	RIP RAP, CLASS II
380	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
156	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
60	EA	DRUMS
30	EA	CONES
32	LF	BARRICADES (TYPE III)
2,000	HR	FLAGGER
270	DAY	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM
101	EA	TEMPORARY RAISED PAVEMENT MARKERS
16,016	LF	PAINT PAVEMENT MARKING LINES (4")
40	LF	PAINT PAVEMENT MARKING LINES (24")
1,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
20	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
13	EA	PERMANENT RAISED PAVEMENT MARKERS
2,150	LF	TEMPORARY SILT FENCE

200	TON	STONE FOR EROSION CONTROL, CLASS A
170	TON	STONE FOR EROSION CONTROL, CLASS B
170	TON	SEDIMENT CONTROL STONE
4.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
600	LF	SAFETY FENCE
570	CY	SILT EXCAVATION
2,600	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
310	LF	1/4" HARDWARE CLOTH
250	LF	COIR FIBER BAFFLES
5	EA	*** SKIMMER (1-1/2")
5.5	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.3	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (14+88.59-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+88.59-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+88.59-L-)
33.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+88.59-L-)
5,830	LB	REINFORCING STEEL (BRIDGE)
180	LF	HP12X53 STEEL PILES
135.3	LF	CONCRETE BARRIER RAIL
250	TON	RIP RAP CLASS II (2'-0" THICK)
270	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
744.33	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 008

CONTRACT ID : C201923 33281.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.521 MI

COUNTY : COLUMBUS

GRADING, DRAINAGE, PAVING, TEMP SIGNAL AND STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : OCT 15 2010

BRIDGES OVER FRIAR SWAMP & BIG CREEK ON SR-1947 (BELLA COOLA ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
Lump Sum	LS	CONSTRUCTION SURVEYING	
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	
5.500	CY	UNDERCUT EXCAVATION	
Lump Sum	LS	GRADING	
5.100	CY	BORROW EXCAVATION	
130	CY	DRAINAGE DITCH EXCAVATION	
700	SY	FABRIC FOR SOIL STABILIZATION	
7.000	SF	TEMPORARY SHORING	
300	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI	
1.800	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VII	
21	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	
112	LF	15" SIDE DRAIN PIPE	
40	LF	18" SIDE DRAIN PIPE	
16	LF	15" RC PIPE CULVERTS, CLASS III	
28	LF	***"BIT COAT CS PIPE CULVERTS, TYPE A *****" THICK (15", 0.064")	
500	TON	INCIDENTAL STONE BASE	
1.500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")	
640	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
870	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	
85	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
400	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	
33.6	CY	SUBDRAIN EXCAVATION	
16.8	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)	
2	EA	MASONRY DRAINAGE STRUCTURES	
2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	
220	LF	SHOULDER BERM GUTTER	
2.050	LF	STEEL BM GUARDRAIL	
25	LF	STEEL BM GUARDRAIL, SHOP CURVED	
10	EA	ADDITIONAL GUARDRAIL POSTS	
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	
7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	
250	LF	TEMPORARY STEEL BM GUARDRAIL	
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	
2	TON	RIP RAP, CLASS I	
2	TON	RIP RAP, CLASS B	
620	SY	FILTER FABRIC FOR DRAINAGE	
520	SY	GENERIC EROSION CONTROL ITEM ROCK PLATING	
220	SF	WORK ZONE SIGNS (STATIONARY)	
96	SF	WORK ZONE SIGNS (PORTABLE)	
52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
80	EA	DRUMS	
60	EA	CONES	
48	LF	BARRICADES (TYPE III)	
480	HR	FLAGGER	
4	EA	TEMPORARY CRASH CUSHIONS	
4	EA	RESET TEMPORARY CRASH CUSHIONS	
2	EA	TMIA	

1,500	LF	PORTABLE CONCRETE BARRIER	
555	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	
51,100	LF	PAINT PAVEMENT MARKING LINES (4")	
600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
40	EA	PERMANENT RAISED PAVEMENT MARKERS	
3,000	LF	TEMPORARY SILT FENCE	
110	TON	STONE FOR EROSION CONTROL, CLASS A	
290	TON	STONE FOR EROSION CONTROL, CLASS B	
100	TON	SEDIMENT CONTROL STONE	
1	ACR	TEMPORARY MULCHING	
50	LB	SEED FOR TEMPORARY SEEDING	
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING	
50	LF	TEMPORARY SLOPE DRAINS	
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
3,000	LF	SAFETY FENCE	
490	CY	SILT EXCAVATION	
2,200	SY	MATTING FOR EROSION CONTROL	
60	LF	1/4" HARDWARE CLOTH	
250	SY	FLOATING TURBIDITY CURTAIN	
80	LF	COIR FIBER BAFFLES	
2.3	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	
5	HR	SPECIALIZED HAND MOWING	
27	EA	RESPONSE FOR EROSION CONTROL	
2,300	LF	SIGNAL CABLE	
8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
2,060	LF	MESSENGER CABLE (1/4")	
170	LF	MESSENGER CABLE (3/8")	
13	EA	WOOD POLE	
8	EA	GUY ASSEMBLY	
2	EA	1" RISER WITH WEATHERHEAD	
4	EA	2" RISER WITH WEATHERHEAD	
560	LF	INDUCTIVE LOOP SAWCUT	
2,490	LF	LEAD-IN CABLE (***** (14-2)	
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)	
4	EA	DETECTOR CARD (TYPE 2070L)	

WALL ITEMS

2,792	SF	SHEET PILE RETAINING WALLS	
16,888	SF	GENERIC RETAINING WALL ITEM TIEBACK STEEL SHEET PILE RETAINING WALLS	

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+66.00 -L-)	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (39+17.00 -L-)	
2	EA	PDA TESTING	
2	EA	PDA ASSISTANCE	
670	CY	UNCLASSIFIED STRUCTURE EXCAVATION	

Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (39+17.00 -L-)
116.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+66.00 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (39+17.00 -L-)
19,515	LB	REINFORCING STEEL (BRIDGE)
2,280	LF	HP12X53 STEEL PILES
1,200	LF	HP12X53 GALVANIZED STEEL PILES
1,610	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
37	EA	PILE REDRIVES
619.66	LF	CONCRETE BARRIER RAIL
367	TON	RIP RAP, CLASS ** (I)
407	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
4,027.84	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 009

CONTRACT ID : C201966 34911.3.ST1

DIV OFFICE GREENSBORO

LENGTH = 2.563 MI

COUNTY : ALAMANCE

GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS & RETAINING WALL

DBE GOAL 11.0% COMPLETION DATE : AUG 15 2011

SR-1306 (S MEBANE ST) FROM SR-1158 (HUFFMAN MILL RD) TO NC-54 (CHAPEL HILL RD) IN BURLINGTON.

ROADWAY ITEMS					
			73	EA	FRAME WITH TWO GRATES, STD 840.16
			21	EA	FRAME WITH TWO GRATES, STD 840.22
			6	EA	FRAME WITH TWO GRATES, STD 840.29
			15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			102	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			109	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			16	EA	FRAME WITH COVER, STD 840.54
			43	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
			6	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
			20,910	LF	1'-6" CONCRETE CURB & GUTTER
			28,290	LF	2'-6" CONCRETE CURB & GUTTER
			14,090	SY	4" CONCRETE SIDEWALK
			148	EA	CONCRETE WHEELCHAIR RAMPS
			2,117	SY	6" CONCRETE DRIVEWAY
			840	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			3	EA	ADJUSTMENT OF CATCH BASINS
			60	EA	ADJUSTMENT OF MANHOLES
			31	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CB TO TBJB WITH MANHOLE COVER
			1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING MH TO TBJB WITH MANHOLE COVER
			40	TON	RIP RAP, CLASS I
			11	TON	RIP RAP, CLASS B
			1,478	SY	FILTER FABRIC FOR DRAINAGE
			1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			198	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			3,062	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			208	EA	SIGN ERECTION, TYPE E
			12	EA	SIGN ERECTION, TYPE F
			1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
			3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
			70	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			1,740	SF	WORK ZONE SIGNS (STATIONARY)
			580	SF	WORK ZONE SIGNS (PORTABLE)
			1,400	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW PANELS, TYPE C
			6	EA	CHANGEABLE MESSAGE SIGN
			84	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
			850	EA	DRUMS
			100	EA	CONES
			672	LF	BARRICADES (TYPE III)
			210	MD	FLAGGER
			268	HR	POLICE
			100	EA	SKINNY DRUM
			430	EA	TEMPORARY RAISED PAVEMENT MARKERS
			10,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			29,930	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			11,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			4,460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
29,400	CY	UNCLASSIFIED EXCAVATION			
19,770	CY	UNDERCUT EXCAVATION			
13,525	TON	CLASS IV SUBGRADE STABILIZATION			
56,500	CY	BORROW EXCAVATION			
51,200	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
3,500	CY	SELECT GRANULAR MATERIAL			
24,300	SY	FABRIC FOR SOIL STABILIZATION			
3,125	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
88	LF	*** SIDE DRAIN PIPE (12")			
424	LF	15" SIDE DRAIN PIPE			
28	LF	18" SIDE DRAIN PIPE			
24	LF	12" RC PIPE CULVERTS, CLASS III			
10,508	LF	15" RC PIPE CULVERTS, CLASS III			
3,372	LF	18" RC PIPE CULVERTS, CLASS III			
5,092	LF	24" RC PIPE CULVERTS, CLASS III			
5,492	LF	30" RC PIPE CULVERTS, CLASS III			
1,096	LF	36" RC PIPE CULVERTS, CLASS III			
1,064	LF	42" RC PIPE CULVERTS, CLASS III			
400	LF	60" RC PIPE CULVERTS, CLASS III			
12	LF	66" RC PIPE CULVERTS, CLASS III			
3	EA	*** PIPE END SECTION (18")			
3	EA	*** PIPE END SECTION (24")			
1	EA	*** CS PIPE ELBOWS, ***** THICK (36", 0.079")			
7,389	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
1,000	TON	STABILIZER AGGREGATE			
2,450	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (2-1/2")			
35,338	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
24,738	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
21,682	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
3,990	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
150	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
224	CY	SUBDRAIN EXCAVATION			
168	CY	SUBDRAIN FINE AGGREGATE			
1,000	LF	6" PERFORATED SUBDRAIN PIPE			
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
12	LF	6" OUTLET PIPE (SUBDRAINS)			
9	CY	ENDWALLS			
5.6	CY	REINFORCED ENDWALLS			
7.23	CY	PIPE COLLARS			
0.32	CY	PIPE PLUGS			
337	EA	MASONRY DRAINAGE STRUCTURES			
27.7	CY	MASONRY DRAINAGE STRUCTURES			
145	LF	MASONRY DRAINAGE STRUCTURES			

			18	EA	WOOD POLE		
			44	EA	GUY ASSEMBLY		
			6	EA	1" RISER WITH WEATHERHEAD		
			17	EA	2" RISER WITH WEATHERHEAD		
			5	EA	2" RISER WITH HEAT SHRINK TUBING		
			22,010	LF	INDUCTIVE LOOP SAWCUT		
			41,850	LF	LEAD-IN CABLE (***** (14-2)		
			2,050	LF	COMMUNICATIONS CABLE (**FIBER) (12)		
			15,460	LF	COMMUNICATIONS CABLE (**FIBER) (36)		
			1,210	LF	DROP CABLE		
			7	EA	SPLICE ENCLOSURE		
			6	EA	INTERCONNECT CENTER		
			6	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT		
			12	EA	DELINEATOR MARKER		
			1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT		
			1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER		
			24	EA	METAL STRAIN SIGNAL POLE		
			24	EA	SOIL TEST		
			144	CY	DRILLED PIER FOUNDATION		
			3	EA	SIGNAL PEDESTAL WITH FOUNDA- TION		
			22	EA	SIGN FOR SIGNALS		
			6	EA	SIGNAL CABINET FOUNDATION		
			6	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)		
			62	EA	DETECTOR CARD (TYPE 2070L)		
			6	EA	CABINET BASE EXTENDER		
			860	SF	MSE RETAINING WALLS		
2,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)					
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)					
242	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)					
102,110	LF	PAINT PAVEMENT MARKING LINES (4")					
16,260	LF	PAINT PAVEMENT MARKING LINES (8")					
7,000	LF	PAINT PAVEMENT MARKING LINES (24")					
84	EA	PAINT PAVEMENT MARKING CHARAC- TER					
687	EA	PAINT PAVEMENT MARKING SYMBOL					
1,960	EA	PERMANENT RAISED PAVEMENT MARKERS					
34	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES					
2,671	LF	6" WATER LINE					
4,397	LF	8" WATER LINE					
353	LF	12" WATER LINE					
3,544	LF	16" WATER LINE					
15	EA	6" VALVE					
11	EA	8" VALVE					
2	EA	12" VALVE					
8	EA	16" VALVE					
7	EA	1" AIR RELEASE VALVE					
85	EA	RELOCATE WATER METER					
85	EA	RECONNECT WATER METER					
23	EA	RELOCATE FIRE HYDRANT					
1,415	LF	8" SANITARY GRAVITY SEWER					
11	EA	4' DIA UTILITY MANHOLE					
44	LF	UTILITY MANHOLE WALL, 4' DIA					
1,165	LF	ABANDON 6" UTILITY PIPE					
4,779	LF	ABANDON 8" UTILITY PIPE					
295	LF	ABANDON 12" UTILITY PIPE					
3,384	LF	ABANDON 16" UTILITY PIPE					
7	EA	REMOVE UTILITY MANHOLE					
14,850	LF	TEMPORARY SILT FENCE					
3,300	TON	STONE FOR EROSION CONTROL, CLASS A					
2,675	TON	STONE FOR EROSION CONTROL, CLASS B					
3,980	TON	SEDIMENT CONTROL STONE					
30	ACR	TEMPORARY MULCHING					
800	LB	SEED FOR TEMPORARY SEEDING					
5	TON	FERTILIZER FOR TEMPORARY SEED- ING					
1,500	LF	SAFETY FENCE					
8,100	CY	SILT EXCAVATION					
22,900	SY	MATTING FOR EROSION CONTROL					
35	SY	COIR FIBER MAT					
2,248	SY	PERMANENT SOIL REINFORCEMENT MAT					
5,300	LF	1/4" HARDWARE CLOTH					
125	LF	WATTLE					
42	LB	POLYACRYLAMIDE (PAM)					
800	LF	COIR FIBER BAFFLES					
5	EA	*** SKIMMER (1-1/2")					
45	ACR	SEEDING & MULCHING					
22.5	ACR	MOWING					
300	LB	SEED FOR REPAIR SEEDING					
1	TON	FERTILIZER FOR REPAIR SEEDING					
650	LB	SEED FOR SUPPLEMENTAL SEEDING					
17.75	TON	FERTILIZER TOPDRESSING					
10	HR	SPECIALIZED HAND MOWING					
27	EA	RESPONSE FOR EROSION CONTROL					
49	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16" W/COUNTDOWN, 1)					
23,130	LF	SIGNAL CABLE					
85	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)					
12	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)					
32	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)					
13,350	LF	MESSENGER CABLE (1/4")					
5,790	LF	MESSENGER CABLE (3/8")					
125	LF	TRACER WIRE					
330	LF	PAVED TRENCHING (***** (1, 2")					
5,255	LF	UNPAVED TRENCHING (***** (1, 2")					
30	EA	JUNCTION BOX (STANDARD SIZE)					
12	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)					

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 010

CONTRACT ID : C202098 33590.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.152 MI

COUNTY : RICHMOND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : SEP 01 2009

BRIDGE OVER BIG MOUNTAIN CREEK AND APPROACHES ON SR-1321.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+57.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
600	CY	UNDERCUT EXCAVATION
650	TON	CLASS IV SUBGRADE STABILIZATION
250	CY	SELECT GRANULAR MATERIAL
1,000	SY	FABRIC FOR SOIL STABILIZATION
5	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	LF	15" RC PIPE CULVERTS, CLASS III
350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
300	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
35	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
14	EA	RIGHT OF WAY MARKERS
112	CY	SUBDRAIN EXCAVATION
84	CY	SUBDRAIN FINE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
270	LF	SHOULDER BERM GUTTER
550	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
4	TON	RIP RAP, CLASS B
364	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
268	SF	WORK ZONE SIGNS (STATIONARY)
44	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
1,770	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,770	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
13	EA	PERMANENT RAISED PAVEMENT MARKERS
625	LF	TEMPORARY SILT FENCE
125	TON	STONE FOR EROSION CONTROL, CLASS A
100	TON	STONE FOR EROSION CONTROL, CLASS B
30	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
2.25	TON	FERTILIZER FOR TEMPORARY SEEDING
60	LF	TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
460	CY	SILT EXCAVATION
1,900	SY	MATting FOR EROSION CONTROL
30	SY	COIR FIBER MAT
100	SY	PERMANENT SOIL REINFORCEMENT MAT
40	LF	1/4" HARDWARE CLOTH
200	LF	COIR FIBER BAFFLES
5	EA	*** SKIMMER (1-1/2")

9.5	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
0.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+57.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+57.00-L-)
28.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+57.00-L-)
4,798	LB	REINFORCING STEEL (BRIDGE)
160	LF	HP12X53 STEEL PILES
16	EA	STEEL PILE POINTS
155.5	LF	CONCRETE BARRIER RAIL
140	TON	RIP RAP CLASS II (2'-0" THICK)
150	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
777.5	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 011

CONTRACT ID : C202043 34373.3.ST1

DIV OFFICE ABERDEEN

LENGTH = 0.909 MI

COUNTY : MONTGOMERY

GRADING, DRAINAGE, PAVING, SIGNALS & SIGNING.

DBE GOAL 9.0% COMPLETION DATE : AUG 01 2011

NC-24 & NC-27 FROM US-220A TO US-220 IN BISCOE.

ROADWAY ITEMS

			60	EA	CONCRETE WHEELCHAIR RAMPS
			1,550	SY	6" CONCRETE DRIVEWAY
			1,000	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			300	SY	6" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GRADING			
	1	ACR			GENERIC PAVING ITEM
					6" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	3,000	CY			ADJUSTMENT OF CATCH BASIN
	4,725	TON			ADJUSTMENT OF MANHOLES
					ADJUSTMENT OF METER BOXES OR VALVE BOXES
	72	CY			CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER
	500	CY			STEEL BM GUARDRAIL
	5,000	SY			ADDITIONAL GUARDRAIL POSTS
	1,215	TON			GUARDRAIL ANCHOR UNITS, TYPE CAT-1
					GUARDRAIL ANCHOR UNITS, TYPE 350
	56	LF			WOVEN WIRE FENCE, *** FABRIC (48")
	88	LF			4" TIMBER FENCE POSTS, ***** LONG (8')
					5" TIMBER FENCE POSTS, ***** LONG (8')
	552	LF			RIP RAP, CLASS I
	1,000	TON			RIP RAP, CLASS B
	1,500	TON			FILTER FABRIC FOR DRAINAGE
	1,200	SY			SUPPORTS, 3-LB STEEL U-CHANNEL
					SIGN ERECTION, TYPE D
					SIGN ERECTION, TYPE E
					SIGN ERECTION, TYPE F
					DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	775	TON			WORK ZONE SIGNS (STATIONARY)
					WORK ZONE SIGNS (PORTABLE)
					WORK ZONE SIGNS (BARRICADE MOUNTED)
	11,500	TON			FLASHING ARROW PANELS, TYPE C
					CHANGEABLE MESSAGE SIGN
	925	TON			DRUMS
					CONES
	4,200	TON			BARRICADES (TYPE III)
					FLAGGER
	1,150	TON			TMIA
					WATER FILLED BARRIER
	7,150	TON			RESET WATER FILLED BARRIER
					POLICE
	838	TON			SKINNY DRUM
					TEMPORARY RAISED PAVEMENT MARKERS
	430	TON			THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
					THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	725	TON			THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
					THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
	86	EA			THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
	115	CY			THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
	85	CY			THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
	500	LF			THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
	15	EA			COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (I)
					COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
	1	EA			COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (I)
	6	LF			
	2	CY			
	3	CY			
	89	EA			
	11	EA			
	1	EA			
	6	EA			
	5	EA			
	25	EA			
	32	EA			
	10	EA			
	32	LF			
	1	EA			
	270	LF			
	9,780	LF			
	3,800	SY			

10	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)	10	EA	SIGN FOR SIGNALS
68,048	LF	PAINT PAVEMENT MARKING LINES (4")	2	EA	LED BLANKOUT SIGN
4,096	LF	PAINT PAVEMENT MARKING LINES (8")	2	EA	SIGNAL CABINET FOUNDATION
828	LF	PAINT PAVEMENT MARKING LINES (16")	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1,404	LF	PAINT PAVEMENT MARKING LINES (24")	12	EA	DETECTOR CARD (TYPE 2070L)
52	EA	PAINT PAVEMENT MARKING CHARACTER	2	EA	CABINET BASE EXTENDER
206	EA	PAINT PAVEMENT MARKING SYMBOL	1,202	SF	GRAVITY RETAINING WALLS
27,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	379	LF	GENERIC RETAINING WALL ITEM PEDESTRIAN SAFETY HANDRAIL
800	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			***** BEGIN SCHEDULE AA *****
368	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			***** (3 ALTERNATES) *****
40	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	4,144	LF	15" RC PIPE CULVERTS, CLASS III
60	EA	PERMANENT RAISED PAVEMENT MARKERS	1,368	LF	18" RC PIPE CULVERTS, CLASS III
428	EA	SNOWPLOWABLE PAVEMENT MARKERS	1,148	LF	24" RC PIPE CULVERTS, CLASS III
2,772.5	LF	6" WATER LINE	116	LF	30" RC PIPE CULVERTS, CLASS III
1,013	LF	8" WATER LINE			*** OR ***
9	EA	6" VALVE	3,980	LF	15" RC PIPE CULVERTS, CLASS III
1	EA	8" VALVE	1,260	LF	18" RC PIPE CULVERTS, CLASS III
34	EA	RELOCATE WATER METER	1,016	LF	24" RC PIPE CULVERTS, CLASS III
11	EA	RECONNECT WATER METER	64	LF	30" RC PIPE CULVERTS, CLASS III
6	EA	FIRE HYDRANT	164	LF	***" HDPE PIPE CULVERTS (15")
365	LF	4" FORCE MAIN SEWER	108	LF	***" HDPE PIPE CULVERTS (18")
1,831	LF	ABANDON 6" UTILITY PIPE	132	LF	***" HDPE PIPE CULVERTS (24")
6	EA	REMOVE FIRE HYDRANT	52	LF	***" HDPE PIPE CULVERTS (30")
1	EA	GENERIC UTILITY ITEM ABANDON WATER VAULT			*** OR ***
4,750	LF	TEMPORARY SILT FENCE	3,980	LF	15" RC PIPE CULVERTS, CLASS III
915	TON	STONE FOR EROSION CONTROL, CLASS A	1,260	LF	18" RC PIPE CULVERTS, CLASS III
550	TON	STONE FOR EROSION CONTROL, CLASS B	1,016	LF	24" RC PIPE CULVERTS, CLASS III
1,200	TON	SEDIMENT CONTROL STONE	64	LF	30" RC PIPE CULVERTS, CLASS III
10.5	ACR	TEMPORARY MULCHING	164	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
350	LB	SEED FOR TEMPORARY SEEDING	108	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")
3.25	TON	FERTILIZER FOR TEMPORARY SEEDING	132	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")
410	LF	TEMPORARY SLOPE DRAINS	52	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (30", 0.079")
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			*** END SCHEDULE AA ***
3,165	CY	SILT EXCAVATION			
6,500	SY	MATTING FOR EROSION CONTROL			
15	SY	COIR FIBER MAT			
1,200	SY	PERMANENT SOIL REINFORCEMENT MAT			
2,650	LF	1/4" HARDWARE CLOTH			
470	LF	COIR FIBER BAFFLES			
2	EA	*** SKIMMER (1-1/2")			
11.5	ACR	SEEDING & MULCHING			
6.5	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
225	LB	SEED FOR SUPPLEMENTAL SEEDING			
6.25	TON	FERTILIZER TOPDRESSING			
5	HR	SPECIALIZED HAND MOWING			
27	EA	RESPONSE FOR EROSION CONTROL			
4	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1)			
2,070	LF	SIGNAL CABLE			
20	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
950	LF	MESSENGER CABLE (3/8")			
60	LF	PAVED TRENCHING (***** (1, 2"))			
475	LF	UNPAVED TRENCHING (***** (1, 2"))			
9	EA	JUNCTION BOX (STANDARD SIZE)			
8	EA	WOOD POLE			
16	EA	GUY ASSEMBLY			
2	EA	1" RISER WITH WEATHERHEAD			
8	EA	2" RISER WITH WEATHERHEAD			
6,150	LF	INDUCTIVE LOOP SAWCUT			
10,690	LF	LEAD-IN CABLE (***** (14-2)			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 012

CONTRACT ID : C202074 41900.3.ST1

DIV OFFICE ABERDEEN

LENGTH = 1.200 MI

COUNTY : SCOTLAND

GRADING, DRAINAGE, PAVING AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : JUL 15 2010

SR-1674 (LAUCHWOOD DR) FROM US-501 TO US-15 & US-401 BUS.

ROADWAY ITEMS				
			25 TON	RIP RAP, CLASS B
			145 SY	FILTER FABRIC FOR DRAINAGE
			418 SF	WORK ZONE SIGNS (STATIONARY)
			96 SF	WORK ZONE SIGNS (PORTABLE)
			106 SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			340 EA	DRUMS
			238 LF	BARRICADES (TYPE III)
			180 MD	FLAGGER
			4 EA	TEMPORARY CRASH CUSHIONS
			2 EA	RESET TEMPORARY CRASH CUSHIONS
			698 LF	PORTABLE CONCRETE BARRIER
			351 LF	RESET PORTABLE CONCRETE BARRIER
			120 LF	WATER FILLED BARRIER
			388 LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			15,279 LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			161 LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			674 LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			382 LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			40 EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			53,831 LF	PAINT PAVEMENT MARKING LINES (4")
			24 LF	PAINT PAVEMENT MARKING LINES (8")
			395 LF	PAINT PAVEMENT MARKING LINES (24")
			2 EA	PAINT PAVEMENT MARKING SYMBOL
			29,524 LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			50 LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			127 LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			329 EA	PERMANENT RAISED PAVEMENT MARKERS
			100 LF	6" WATER LINE
			6,600 LF	TEMPORARY SILT FENCE
			215 TON	STONE FOR EROSION CONTROL, CLASS B
			0.5 ACR	TEMPORARY MULCHING
			50 LB	SEED FOR TEMPORARY SEEDING
			0.03 TON	FERTILIZER FOR TEMPORARY SEEDING
			460 LF	SAFETY FENCE
			1,800 LF	1/4" HARDWARE CLOTH
			1 EA	SPECIAL STILLING BASINS
			10 ACR	SEEDING & MULCHING
			6.1 ACR	MOWING
			0.25 TON	FERTILIZER FOR REPAIR SEEDING
			245 LB	SEED FOR SUPPLEMENTAL SEEDING
			2 TON	FERTILIZER TOPDRESSING
			230 LF	IMPERVIOUS DIKE
			50 LF	SIGNAL CABLE
			95 LF	UNPAVED TRENCHING (*****) (1, 2")
			1 EA	JUNCTION BOX (STANDARD SIZE)
			1,460 LF	INDUCTIVE LOOP SAWCUT
			865 LF	LEAD-IN CABLE (*****) (14-2)
			6 EA	SIGN FOR SIGNALS
			Lump Sum	LS CULVERT EXCAVATION, STA ***** (57+99.41 -L-)
			186 TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
			226 CY	CLASS A CONCRETE (CULVERT)
			52,876 LB	REINFORCING STEEL (CULVERT)
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)		
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING		
3,200	CY	UNCLASSIFIED EXCAVATION		
100	CY	UNDERCUT EXCAVATION		
6,250	CY	BORROW EXCAVATION		
9,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT		
420	SF	TEMPORARY SHORING		
565	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		
32	LF	15" SIDE DRAIN PIPE		
3,206	LF	15" RC PIPE CULVERTS, CLASS III		
1,046	LF	18" RC PIPE CULVERTS, CLASS III		
1,032	LF	24" RC PIPE CULVERTS, CLASS III		
4	EA	*** PIPE END SECTION (15")		
2	EA	*** PIPE END SECTION (18")		
3	EA	*** PIPE END SECTION (24")		
767	LF	PIPE REMOVAL		
6	EA	PIPE CLEAN-OUT		
Lump Sum	LS	FINE GRADING		
245	TON	#57 STONE		
600	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")		
400	SY	INCIDENTAL MILLING		
220	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
7,925	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
5,775	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
810	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
220	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
135	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (10")		
51	EA	RIGHT OF WAY MARKERS		
2,196	CY	ENDWALLS		
1,691	CY	PIPE COLLARS		
53	EA	MASONRY DRAINAGE STRUCTURES		
5.18	LF	MASONRY DRAINAGE STRUCTURES		
11	EA	FRAME WITH TWO GRATES, STD 840.16		
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		
23	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		
3	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN		
132	LF	***X ** CONCRETE CURB (9" X 16")		
190	LF	1'-6" CONCRETE CURB & GUTTER		
14,100	LF	2'-6" CONCRETE CURB & GUTTER		
2,900	SY	4" CONCRETE SIDEWALK		
63	EA	CONCRETE WHEELCHAIR RAMPS		
245	SY	6" CONCRETE DRIVEWAY		
765	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)		
6	EA	ADJUSTMENT OF MANHOLES		
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		
5	TON	RIP RAP, CLASS A		

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 013

CONTRACT ID : C202100 33455.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.189 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER NORTH POTTS CREEK AND APPROACHES ON SR-1147.

ROADWAY ITEMS			STRUCTURE ITEMS		
			760	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
Lump Sum	LS	MOBILIZATION	8,064	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+13.00)	514	LF	6" WATER LINE
			460	LF	12" WATER LINE
Lump Sum	LS	GRADING	1	EA	RELOCATE WATER METER
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	896	LF	ABANDON 6" UTILITY PIPE
425	CY	UNDERCUT EXCAVATION	456	LF	ABANDON 12" UTILITY PIPE
350	TON	CLASS IV SUBGRADE STABILIZATION	400	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
209	CY	DRAINAGE DITCH EXCAVATION	2,750	LF	TEMPORARY SILT FENCE
3,600	CY	SELECT GRANULAR MATERIAL	100	TON	STONE FOR EROSION CONTROL, CLASS A
4,100	SY	FABRIC FOR SOIL STABILIZATION	200	TON	STONE FOR EROSION CONTROL, CLASS B
140	SF	TEMPORARY SHORING	120	TON	SEDIMENT CONTROL STONE
80	TON	SELECT MATERIAL, CLASS ***** (VI)	2.5	ACR	TEMPORARY MULCHING
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	100	LB	SEED FOR TEMPORARY SEEDING
32	LF	15" SIDE DRAIN PIPE	1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
44	LF	15" RC PIPE CULVERTS, CLASS III	65	LF	TEMPORARY SLOPE DRAINS
16	LF	15" CS PIPE CULVERTS, 0.064" THICK	2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	450	LF	SAFETY FENCE
55	LF	PIPE REMOVAL	765	CY	SILT EXCAVATION
592	TON	AGGREGATE BASE COURSE	1,700	SY	MATTING FOR EROSION CONTROL
200	TON	INCIDENTAL STONE BASE	100	SY	COIR FIBER MAT
560	GAL	PRIME COAT	205	SY	PERMANENT SOIL REINFORCEMENT MAT
350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	230	LF	1/4" HARDWARE CLOTH
415	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	50	LF	WATTLE
800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	16	LB	POLYACRYLAMIDE (PAM)
83	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	225	LF	COIR FIBER BAFFLES
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	4	EA	*** SKIMMER (1-1/2")
10	EA	RIGHT OF WAY MARKERS	5	ACR	SEEDING & MULCHING
2	EA	MASONRY DRAINAGE STRUCTURES	1.5	ACR	MOWING
2	EA	FRAME WITH TWO GRATES, STD 840.29	50	LB	SEED FOR REPAIR SEEDING
40	LF	SHOULDER BERM GUTTER	0.25	TON	FERTILIZER FOR REPAIR SEEDING
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	75	LB	SEED FOR SUPPLEMENTAL SEEDING
850	LF	STEEL BM GUARDRAIL	1.75	TON	FERTILIZER TOPDRESSING
5	EA	ADDITIONAL GUARDRAIL POSTS	5	HR	SPECIALIZED HAND MOWING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	12	EA	RESPONSE FOR EROSION CONTROL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	1.4	ACR	REFORESTATION
650	LF	TEMPORARY STEEL BM GUARDRAIL			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			
98	TON	RIP RAP, CLASS B			
492	SY	FILTER FABRIC FOR DRAINAGE			
128	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
50	EA	DRUMS			
40	EA	CONES			
32	LF	BARRICADES (TYPE III)			
400	HR	FLAGGER			
50	EA	TEMPORARY RAISED PAVEMENT MARKERS			
1,620	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
1,620	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (15+13.00-L-)
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+13.00-L-)
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+13.00-L-)
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+13.00-L-)
			60.6	CY	CLASS A CONCRETE (BRIDGE)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+13.00-L-)
			9,188	LB	REINFORCING STEEL (BRIDGE)
			525	LF	HP12X53 STEEL PILES
			990	LF	HP14X73 GALVANIZED STEEL PILES
			355.5	LF	VERTICAL CONCRETE BARRIER RAIL
			642	TON	RIP RAP CLASS II (2'-0" THICK)
			713	SY	FILTER FABRIC FOR DRAINAGE
			Lump Sum	LS	ELASTOMERIC BEARINGS

1,951.14 LF 3'-0" X 1'-9" PRESTRESSED CONC
CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 014

CONTRACT ID : C202042 34380.3.ST1

DIV OFFICE WINSTON-SALEM

LENGTH = 1.840 KM

COUNTY : FORSYTH, STOKES

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

DBE GOAL 10.0% COMPLETION DATE : AUG 15 2011

SR-1611 & SR-1112 FROM RJR ENTRANCE IN FORSYTH COUNTY TO SR-1115 IN KING IN STOKES COUNTY.

ROADWAY ITEMS					
			10	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
Lump Sum	LS	MOBILIZATION	2.6	M3	ENDWALLS
Lump Sum	LS	CONSTRUCTION SURVEYING	4.8	M3	PIPE COLLARS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+00-L-)	0.76	M3	PIPE PLUGS
			160	M3	FLOWABLE FILL
Lump Sum	LS	GRADING	152	EA	MASONRY DRAINAGE STRUCTURES
1.2	HA	SUPPLEMENTARY CLEARING & GRUB-BING	12	M	MASONRY DRAINAGE STRUCTURES
5,500	M3	UNDERCUT EXCAVATION	28	EA	FRAME WITH GRATE, STD 840.**** (840.16)
12,000	MTN	CLASS IV SUBGRADE STABILIZATION	2	EA	FRAME WITH GRATE, STD 840.**** (840.20)
5,900	M3	DRAINAGE DITCH EXCAVATION	1	EA	FRAME WITH GRATE, STD 840.22
190	M	BERM DITCH CONSTRUCTION	31	EA	FRAME WITH TWO GRATES, STD 840.22
18,500	M2	FABRIC FOR SOIL STABILIZATION	2	EA	FRAME WITH TWO GRATES, STD 840.24
323	M2	TEMPORARY SHORING	19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2,000	MTN	GENERIC GRADING ITEM EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOIL FOUNDATION CONDITIONING MATERIAL, MINOR STRS	34	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
1,410	MTN		33	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
92.7	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	10	EA	FRAME WITH COVER, STD 840.54
17	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	11	M	FRAME WITH GRATES, DRIVEWAY DROP INLET
20.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	25	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
8	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	1,010	M	450MM CONCRETE CURB & GUTTER
4	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	4,775	M	750MM CONCRETE CURB & GUTTER
44	M	***MM WELDED STEEL PIPE IN SOIL (450MM)	3,250	M2	100MM CONCRETE SIDEWALK
38	M	***MM WELDED STEEL PIPE IN SOIL (750MM)	28	EA	CONCRETE WHEELCHAIR RAMPS
52	M	***MM WELDED STEEL PIPE IN SOIL (900MM)	650	M2	150MM CONCRETE DRIVEWAY
15	M	***MM WELDED STEEL PIPE NOT IN SOIL (450MM)	24	M2	100MM CONCRETE PAVED DITCH
13	M	***MM WELDED STEEL PIPE NOT IN SOIL (750MM)	3,660	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
17	M	***MM WELDED STEEL PIPE NOT IN SOIL (900MM)	11	EA	ADJUSTMENT OF MANHOLES
1,697	M	PIPE REMOVAL	16	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	PIPE CLEAN-OUT	8	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET
16,560	MTN	AGGREGATE BASE COURSE	1	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET
100	MTN	INCIDENTAL STONE BASE	775	M	STEEL BM GUARDRAIL
1,580	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (80MM)	75	M	STEEL BM GUARDRAIL, SHOP CURVED
13,641	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	5	EA	ADDITIONAL GUARDRAIL POSTS
6,375	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
9,036	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
6,920	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
13,668	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
10,630	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	280	M	REMOVE EXISTING GUARDRAIL
2,455	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (W-BEAM)
640	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	3,190	M	WOVEN WIRE FENCE, 1200MM FABRIC
750	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	638	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
5,715	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	231	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
161	EA	RIGHT OF WAY MARKERS	130	M	CHAIN LINK FENCE, 1200MM FABRIC
			36	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE
			3	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE
			300	M	ADDITIONAL BARBED WIRE
			1	EA	DOUBLE GATES, ***MM HIGH, ***MM WIDE, ***MM OPENING (1470MM, 1800MM, 3600MM)
			475	MTN	RIP RAP, CLASS I
			170	MTN	RIP RAP, CLASS B

			36	EA	PERMANENT RAISED PAVEMENT MARKERS
			271	EA	SNOWPLOWABLE PAVEMENT MARKERS
			3	EA	2.1M U-CHANNEL POSTS
4,030	M2	FILTER FABRIC FOR DRAINAGE	73	EA	FLEXIBLE DELINEATORS (CRYSTAL)
5	M3	REINFORCED CONCRETE SIGN FOUNDATIONS	22	EA	FLEXIBLE DELINEATORS (YELLOW)
1,476	KG	SUPPORTS, BREAKAWAY STEEL BEAM	12	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
988	KG	SUPPORTS, SIMPLE STEEL BEAM	10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
478	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL			
			3	EA	OBJECT MARKERS (END OF ROAD)
2	EA	SUPPORTS, 3-KG STEEL U-CHANNEL	Lump Sum	LS	PORTABLE LIGHTING
4	EA	SIGN ERECTION, TYPE D	58	M	***MM WATER LINE (25MM)
79	EA	SIGN ERECTION, TYPE E			
7	EA	SIGN ERECTION, TYPE F	29	M	50MM WATER LINE
5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	975	M	150MM WATER LINE
			245	M	200MM WATER LINE
5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	2,566	M	300MM WATER LINE
			1	EA	50MM VALVE
			7	EA	150MM VALVE
2	EA	SIGN ERECTION, MILEMARKERS	2	EA	200MM VALVE
6	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	4	EA	300MM VALVE
			1	EA	150MM TAPPING VALVE
3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	1	EA	100MM AIR RELEASE VALVE
			1	EA	20MM WATER METER
6	EA	DISPOSAL OF SUPPORT, STEEL BEAM	33	EA	RELOCATE WATER METER
			11	EA	RECONNECT WATER METER
68	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	RELOCATE 50MM DCV BACK-FLOW PREVENTOR
			1	EA	***MM RPZ BACK-FLOW PREVENTOR (25MM)
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL	10	EA	RELOCATE FIRE HYDRANT
80	M2	WORK ZONE SIGNS (STATIONARY)	319	M	200MM SANITARY GRAVITY SEWER
64	M2	WORK ZONE SIGNS (PORTABLE)	162	M	300MM SANITARY GRAVITY SEWER
25	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	528	M	***MM FORCE MAIN SEWER (350MM)
			64	M	***MM FORCE MAIN SEWER (65MM)
3	EA	FLASHING ARROW PANELS, TYPE C			
4	EA	CHANGEABLE MESSAGE SIGN	20	EA	SANITARY SEWER CLEAN-OUT
700	EA	DRUMS	17	EA	1200MM DIA UTILITY MANHOLE
500	EA	CONES	17	M	UTILITY MANHOLE WALL, 1200MM DIA
182	M	BARRICADES (TYPE III)	627	M	ABANDON 150MM UTILITY PIPE
5,200	HR	FLAGGER	708	M	ABANDON 200MM UTILITY PIPE
			2,586	M	ABANDON 300MM UTILITY PIPE
6	EA	TEMPORARY CRASH CUSHIONS	595	M	ABANDON 350MM UTILITY PIPE
4	EA	TMA	2	EA	REMOVE WATER METER
233	M	PORTABLE CONCRETE BARRIER	8	EA	ABANDON UTILITY MANHOLE
60	M	PORTABLE CONCRETE BARRIER (ANCHORED)	Lump Sum	LS	SANITARY SEWER PUMP STATION
234	M	PORTABLE CONCRETE BARRIER (DRAINAGE)	1	EA	GENERIC UTILITY ITEM
					ABANDON EXISTING SEWER PUMP STATION
2,880	HR	POLICE	3,500	M	TEMPORARY SILT FENCE
71	EA	TEMPORARY RAISED PAVEMENT MARKERS	2,840	MTN	STONE FOR EROSION CONTROL, CLASS A
			1,050	MTN	STONE FOR EROSION CONTROL, CLASS B
3,268	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	1,970	MTN	SEDIMENT CONTROL STONE
5,499	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	33	HA	TEMPORARY MULCHING
8,223	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)	650	KG	SEED FOR TEMPORARY SEEDING
1,130	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)	5	MTN	FERTILIZER FOR TEMPORARY SEEDING
1,135	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)			
903	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)	425	M	TEMPORARY SLOPE DRAINS
290	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			4,500	M3	SILT EXCAVATION
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	34,500	M2	MATTING FOR EROSION CONTROL
140	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	35	M2	COIR FIBER MAT
468	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (III)	1,750	M2	PERMANENT SOIL REINFORCEMENT MAT
			1,225	M	6.4MM HARDWARE CLOTH
640	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)	340	M	COIR FIBER BAFFLES
			6	EA	***MM SKIMMER (38MM)
19	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (200MM) (III)	1	EA	***MM SKIMMER (64MM)
			33.5	HA	SEEDING & MULCHING
4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)	20.5	HA	MOWING
			450	KG	SEED FOR REPAIR SEEDING
53,286	M	PAINT PAVEMENT MARKING LINES (100MM)	1.5	MTN	FERTILIZER FOR REPAIR SEEDING
29,139	M	PAINT PAVEMENT MARKING LINES (150MM)	475	KG	SEED FOR SUPPLEMENTAL SEEDING
4,714	M	PAINT PAVEMENT MARKING LINES (200MM)	27.5	MTN	FERTILIZER TOPDRESSING
			5	HR	SPECIALIZED HAND MOWING
1,244	M	PAINT PAVEMENT MARKING LINES (600MM)	27	EA	RESPONSE FOR EROSION CONTROL
			2,360	M	SIGNAL CABLE
18	EA	PAINT PAVEMENT MARKING CHARACTER	41	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
			4	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)
434	EA	PAINT PAVEMENT MARKING SYMBOL	5	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
1,913	M	REMOVAL OF PAVEMENT MARKING LINES (150MM)			

5	EA	RELOCATE EXISTING VEHICLE SIGNAL HEAD	255.7	M	300MM RC PIPE CULVERTS, CLASS III
1,290	M	MESSENGER CABLE (6.35MM)	1,001.7	M	375MM RC PIPE CULVERTS, CLASS III
1,150	M	MESSENGER CABLE (9.52MM)	294.2	M	450MM RC PIPE CULVERTS, CLASS III
130	M	PAVED TRENCHING (*****) (1, 50MM)	233.4	M	600MM RC PIPE CULVERTS, CLASS III
350	M	UNPAVED TRENCHING (*****) (1, 50MM)	317.5	M	750MM RC PIPE CULVERTS, CLASS III
36	EA	JUNCTION BOX (STANDARD SIZE)	102.6	M	900MM RC PIPE CULVERTS, CLASS III
22	EA	WOOD POLE	52.5	M	1050MM RC PIPE CULVERTS, CLASS III
63	EA	GUY ASSEMBLY	33	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (1000MM, 2.01MM)
6	EA	25MM RISER WITH WEATHERHEAD	157.1	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (300MM, 1.63MM)
28	EA	50MM RISER WITH WEATHERHEAD	370	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (400MM, 1.63MM)
5	EA	50MM RISER WITH HEAT SHRINK TUBING	7.4	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (450MM, 1.63MM)
3,620	M	INDUCTIVE LOOP SAWCUT	270.9	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (600MM, 1.63MM)
6,560	M	LEAD-IN CABLE (*****) (14-2)	180.7	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (800MM, 2.01MM)
2	EA	MICROWAVE VEHICLE DETECTOR	109.8	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (900MM, 2.01MM)
1,700	M	COMMUNICATIONS CABLE (**FIBER) (12)	1	EA	GENERIC PIPE ITEM 300MM ALUMINIZED CORRUGATED STEEL PIPE ELBOWS
5	EA	INTERCONNECT CENTER			
5	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT			
1	EA	FURNISH FIBER-OPTIC TRANSCEIVER			
15	EA	SIGN FOR SIGNALS			
6	EA	SIGNAL CABINET FOUNDATION			
5	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
34	EA	DETECTOR CARD (TYPE 2070L)			
5	EA	CABINET BASE EXTENDER			
1	EA	GENERIC SIGNAL ITEM RELOCATE CONTROLLER WITH CABINET			
1	EA	GENERIC SIGNAL ITEM TERMINAL SPLICE CABINET			
		***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****			
412.8	M	300MM RC PIPE CULVERTS, CLASS III			
1,371.7	M	375MM RC PIPE CULVERTS, CLASS III			*** END SCHEDULE AA ***
301.6	M	450MM RC PIPE CULVERTS, CLASS III			
504.3	M	600MM RC PIPE CULVERTS, CLASS III			
498.2	M	750MM RC PIPE CULVERTS, CLASS III			
212.4	M	900MM RC PIPE CULVERTS, CLASS III			
85.5	M	1050MM RC PIPE CULVERTS, CLASS III			
1	EA	****MM RC PIPE ELBOWS, CLASS III (300MM)			
		*** OR ***			
255.7	M	300MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+27.571-L-)
1,001.7	M	375MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+27.571-L-)
294.2	M	450MM RC PIPE CULVERTS, CLASS III		1	EA PDA TESTING
233.4	M	600MM RC PIPE CULVERTS, CLASS III		1	EA PDA ASSISTANCE
317.5	M	750MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (22+27.571-L-)
102.6	M	900MM RC PIPE CULVERTS, CLASS III	2,138.5	M2	REINFORCED CONCRETE DECK SLAB
52.5	M	1050MM RC PIPE CULVERTS, CLASS III	2,123.8	M2	GROOVING BRIDGE FLOORS
33	M	****MM HDPE PIPE CULVERTS (1050MM)	243	M3	CLASS A CONCRETE (BRIDGE)
157.1	M	****MM HDPE PIPE CULVERTS (300MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+27.571-L-)
370	M	****MM HDPE PIPE CULVERTS (375MM)	21,147	KG	REINFORCING STEEL (BRIDGE)
7.4	M	****MM HDPE PIPE CULVERTS (450MM)	990	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
270.9	M	****MM HDPE PIPE CULVERTS (600MM)	398,500	LS	APPROX KG STRUCTURAL STEEL
180.7	M	****MM HDPE PIPE CULVERTS (750MM)	2,545	M	HP310X79 STEEL PILES
109.8	M	****MM HDPE PIPE CULVERTS (900MM)	139,124	M	THREE BAR METAL RAIL
1	EA	GENERIC PIPE ITEM 300MM HDPE PIPE ELBOW	1,050	M2	100MM SLOPE PROTECTION
		*** OR ***	Lump Sum	LS	POT BEARINGS
			Lump Sum	LS	ELASTOMERIC BEARINGS
			Lump Sum	LS	EVAZOTE JOINT SEALS

WALL ITEMS

55	M2	GRAVITY RETAINING WALLS
45	M	****MM GALVANIZED STEEL PIPE RAIL (75MM)

STRUCTURE ITEMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 015

CONTRACT ID : C201831 33617.3.ST1

DIV OFFICE ALBEMARLE

LENGTH = 0.246 MI

COUNTY : STANLY

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER LONG CREEK AND APPROACHES ON NC-73.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	1,275	SY	FILTER FABRIC FOR DRAINAGE
14,300	CY	UNCLASSIFIED EXCAVATION	244	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+96.00)	2	EA	SIGN ERECTION, TYPE D
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	10	EA	SIGN ERECTION, TYPE E
950	CY	UNDERCUT EXCAVATION	15	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
Lump Sum	LS	GRADING	1	EA	DISPOSAL OF SIGN, D, E OR F
1,500	TON	CLASS IV SUBGRADE STABILIZA- TION	428	SF	WORK ZONE SIGNS (STATIONARY)
20	CY	DRAINAGE DITCH EXCAVATION	96	SF	WORK ZONE SIGNS (PORTABLE)
2,000	SY	FABRIC FOR SOIL STABILIZATION	103	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,550	SF	TEMPORARY SHORING	70	EA	DRUMS
4,350	TON	ROCK EMBANKMENTS	30	EA	CONES
2,600	SY	GENERIC GRADING ITEM FILTER FABRIC FOR ROCK EMBANKMENTS	84	LF	BARRICADES (TYPE III)
1,150	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS IV (ABC)	450	MD	FLAGGER
250	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI	1	EA	TEMPORARY CRASH CUSHIONS
64.5	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	1	EA	TMIA
116	LF	15" RC PIPE CULVERTS, CLASS III	424	LF	PORTABLE CONCRETE BARRIER
204	LF	18" RC PIPE CULVERTS, CLASS III	80	EA	TEMPORARY RAISED PAVEMENT MARKERS
20	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	996	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	23,162	LF	PAINT PAVEMENT MARKING LINES (4")
143	LF	PIPE REMOVAL	186	LF	PAINT PAVEMENT MARKING LINES (24")
2,000	TON	AGGREGATE BASE COURSE	6,424	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
150	TON	INCIDENTAL STONE BASE	59	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
1,250	GAL	PRIME COAT	2,300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
900	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (3")	16	EA	PERMANENT RAISED PAVEMENT MARKERS
1,250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	23	LF	10" WATER LINE
960	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	439	LF	12" WATER LINE
1,380	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1	EA	10" VALVE
185	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1	EA	12" VALVE
9.25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1	EA	RELOCATE WATER METER
3	EA	MASONRY DRAINAGE STRUCTURES	1	EA	RELOCATE FIRE HYDRANT
1	EA	FRAME WITH GRATE, STD 840.22	75	LF	ABANDON 10" UTILITY PIPE
2	EA	FRAME WITH TWO GRATES, STD 840.20	682	LF	ABANDON 12" UTILITY PIPE
310	LF	SHOULDER BERM GUTTER	2,500	LF	TEMPORARY SILT FENCE
750	LF	STEEL BM GUARDRAIL	180	TON	STONE FOR EROSION CONTROL, CLASS A
100	LF	STEEL BM GUARDRAIL, SHOP CURVED	255	TON	STONE FOR EROSION CONTROL, CLASS B
5	EA	ADDITIONAL GUARDRAIL POSTS	500	TON	SEDIMENT CONTROL STONE
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	3	ACR	TEMPORARY MULCHING
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	100	LB	SEED FOR TEMPORARY SEEDING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
1,137.5	LF	TEMPORARY STEEL BM GUARDRAIL	200	LF	TEMPORARY SLOPE DRAINS
37.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)	7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)	400	LF	SAFETY FENCE
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)	600	CY	SILT EXCAVATION
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	2,600	SY	MATTING FOR EROSION CONTROL
165	TON	RIP RAP, CLASS B	15	SY	COIR FIBER MAT
			500	LF	1/4" HARDWARE CLOTH
			12	EA	SPECIAL STILLING BASINS
			130	LF	COIR FIBER BAFFLES
			1	EA	*** SKIMMER (1-1/2")
			5.8	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	TON	FERTILIZER TOPDRESSING
			2	HR	SPECIALIZED HAND MOWING
			12	EA	RESPONSE FOR EROSION CONTROL
			1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (19+96.00 -L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (19+96.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+96.00 -L-)
85	LF	3'-6" DIA DRILLED PIERS IN SOIL
54	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
90.9	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
930	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
8,365	SF	CONCRETE WEARING SURFACE
9,601	SF	GROOVING BRIDGE FLOORS
99.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+96.00 -L-)
22,977	LB	REINFORCING STEEL (BRIDGE)
3,148	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
385	LF	HP12X53 STEEL PILES
401.75	LF	CONCRETE BARRIER RAIL
270	TON	RIP RAP CLASS II (2'-0" THICK)
300	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
3,009.39	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 016

CONTRACT ID : C202065 34908.2.ST1

DIV OFFICE ALBEMARLE

LENGTH = 1.452 MI

COUNTY : STANLY

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2010

SR-1542 (RIDGE ST EXT) FROM EXISTING RIDGE ST TO AIRPORT RD.

ROADWAY ITEMS				
			120	MD FLAGGER
			24,000	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			29,850	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			300	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			240	LF THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
			310	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			4	EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			31	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			107,691	LF PAINT PAVEMENT MARKING LINES (4")
			600	LF PAINT PAVEMENT MARKING LINES (8")
			620	LF PAINT PAVEMENT MARKING LINES (24")
			62	EA PAINT PAVEMENT MARKING SYMBOL
			238	EA SNOWPLOWABLE PAVEMENT MARKERS
			6	EA 7' U-CHANNEL POSTS
			6	EA OBJECT MARKERS (END OF ROAD)
			1,530	LF 12" WATER LINE
			1	EA RELOCATE FIRE HYDRANT
			238	LF *** SANITARY GRAVITY SEWER (15")
			131	LF 16" SANITARY GRAVITY SEWER
			330	LF 4" FORCE MAIN SEWER
			3	EA 4' DIA UTILITY MANHOLE
			17	LF UTILITY MANHOLE WALL, 4' DIA
			350	LF ABANDON *** UTILITY PIPE (15")
			1,470	LF ABANDON 12" UTILITY PIPE
			2	EA ABANDON UTILITY MANHOLE
			8,100	LF TEMPORARY SILT FENCE
			1,400	TON STONE FOR EROSION CONTROL, CLASS A
			1,950	TON STONE FOR EROSION CONTROL, CLASS B
			570	TON SEDIMENT CONTROL STONE
			73	ACR TEMPORARY MULCHING
			1,400	LB SEED FOR TEMPORARY SEEDING
			7.25	TON FERTILIZER FOR TEMPORARY SEEDING
			850	LF TEMPORARY SLOPE DRAINS
			7	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			100	LF SAFETY FENCE
			6,725	CY SILT EXCAVATION
			21,420	SY MATTING FOR EROSION CONTROL
			120	SY COIR FIBER MAT
			3,945	SY PERMANENT SOIL REINFORCEMENT MAT
			175	LF 1/4" HARDWARE CLOTH
			20	LF *** TEMPORARY PIPE (24")
			460	CY STILLING BASINS
			1,175	LF COIR FIBER BAFFLES
			18	EA *** SKIMMER (1-1/2")
			76.5	ACR SEEDING & MULCHING
			45	ACR MOWING
			650	LB SEED FOR REPAIR SEEDING
			1.5	TON FERTILIZER FOR REPAIR SEEDING
			900	LB SEED FOR SUPPLEMENTAL SEEDING
			27	TON FERTILIZER TOPDRESSING
			110	LF IMPERVIOUS DIKE
			5	HR SPECIALIZED HAND MOWING
			36	EA RESPONSE FOR EROSION CONTROL
			50	CY CULVERT DIVERSION CHANNEL
			0.12	ACR STREAMBANK REFORESTATION
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	GRADING		
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING		
7,000	CY	UNDERCUT EXCAVATION		
1,890	TON	CLASS IV SUBGRADE STABILIZATION		
220	CY	DRAINAGE DITCH EXCAVATION		
10	HR	PROOF ROLLING		
1,250	CY	SELECT GRANULAR MATERIAL		
4,250	SY	FABRIC FOR SOIL STABILIZATION		
415	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		
272	LF	15" SIDE DRAIN PIPE		
68	LF	18" SIDE DRAIN PIPE		
448	LF	18" RC PIPE CULVERTS, CLASS III		
420	LF	24" RC PIPE CULVERTS, CLASS III		
232	LF	30" RC PIPE CULVERTS, CLASS III		
96	LF	36" RC PIPE CULVERTS, CLASS III		
1,072	LF	48" RC PIPE CULVERTS, CLASS III		
632	LF	PIPE REMOVAL		
15,750	SY	LIME TREATED SOIL (SLURRY METHOD)		
160	TON	LIME FOR LIME TREATED SOIL		
500	TON	STABILIZER AGGREGATE		
14,500	TON	AGGREGATE BASE COURSE		
15,750	SY	SOIL CEMENT BASE		
434	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE		
1,500	TON	INCIDENTAL STONE BASE		
1,200	SY	INCIDENTAL MILLING		
3,640	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
5,610	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
7,760	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
890	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
15	TON	BLOTTING SAND		
16	CY	REINFORCED ENDWALLS		
1	CY	PIPE COLLARS		
1	EA	MASONRY DRAINAGE STRUCTURES		
1	EA	FRAME WITH TWO GRATES, STD 840.24		
1,518	LF	STEEL BM GUARDRAIL		
128	LF	STEEL BM GUARDRAIL, SHOP CURVED		
5	EA	ADDITIONAL GUARDRAIL POSTS		
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TES)		
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350		
230	TON	RIP RAP, CLASS I		
125	TON	RIP RAP, CLASS B		
3,530	SY	FILTER FABRIC FOR DRAINAGE		
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON		
613	LF	SUPPORTS, 3-LB STEEL U-CHANNEL		
57	EA	SIGN ERECTION, TYPE E		
22	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL		
1,534	SF	WORK ZONE SIGNS (STATIONARY)		
384	SF	WORK ZONE SIGNS (PORTABLE)		
194	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)		
300	EA	CONES		
400	LF	BARRICADES (TYPE III)		

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

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

*** END SCHEDULE AA ***

CULVERT ITEMS

- Lump Sum LS CULVERT EXCAVATION, STA ***** (13+58.50-Y2-)
- Lump Sum LS CULVERT EXCAVATION, STA ***** (43+98.00-L-)
- 145 TON FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
- 188 CY CLASS A CONCRETE (CULVERT)
- 26,635 LB REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 017

CONTRACT ID : C201829 34948.3.ST1

DIV OFFICE ALBEMARLE

LENGTH = 1.063 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.

DBE GOAL 11.0% COMPLETION DATE : NOV 15 2010

NC-51 (PINEVILLE RD) FROM SOUTH CAROLINA STATE LINE TO SR-3645 (DOWNS CR) IN ROCK HILL.

ROADWAY ITEMS					
			2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			12	LF	6" OUTLET PIPE (SUBDRAINS)
			10	TON	BLOTTING SAND
			9	CY	REINFORCED ENDWALLS
			1.5	CY	PIPE PLUGS
			55	CY	FLOWABLE FILL
			94	EA	MASONRY DRAINAGE STRUCTURES
			11	CY	MASONRY DRAINAGE STRUCTURES
			86.2	LF	MASONRY DRAINAGE STRUCTURES
			13	EA	FRAME WITH TWO GRATES, STD 840.16
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			34	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			34	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			4	EA	FRAME WITH COVER, STD 840.54
			60	LF	***X*** CONCRETE CURB (6" X 18")
			8,415	LF	1'-6" CONCRETE CURB & GUTTER
			12,820	LF	2'-6" CONCRETE CURB & GUTTER
			6,110	SY	4" CONCRETE SIDEWALK
			9	EA	CONCRETE WHEELCHAIR RAMPS
			170	SY	6" CONCRETE DRIVEWAY
			30	SY	4" CONCRETE PAVED DITCH
			5	EA	ADJUSTMENT OF MANHOLES
			1	EA	GENERIC DRAINAGE ITEM 60" FLAP GATE
			3,225	LF	STEEL BM GUARDRAIL
			10	EA	ADDITIONAL GUARDRAIL POSTS
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			290	LF	REMOVE EXISTING GUARDRAIL
			300	LF	TEMPORARY STEEL BM GUARDRAIL
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			450	LF	WOVEN WIRE FENCE RESET
			3,800	LF	BARBED WIRE FENCE RESET
			1,600	LF	CHAIN LINK FENCE RESET
			120	TON	RIP RAP, CLASS B
			1,960	SY	FILTER FABRIC FOR DRAINAGE
			4	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			586	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			31	EA	SIGN ERECTION, TYPE E
			1	EA	SIGN ERECTION, TYPE F
			23	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			695	SF	WORK ZONE SIGNS (STATIONARY)
			410	SF	WORK ZONE SIGNS (PORTABLE)
			88	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW PANELS, TYPE C
			2	EA	CHANGEABLE MESSAGE SIGN
			275	EA	DRUMS
			50	EA	CONES
			336	LF	BARRICADES (TYPE III)
			300	MD	FLAGGER
			2	EA	TMIA
			942	LF	WATER FILLED BARRIER
			592	LF	RESET WATER FILLED BARRIER
			80	HR	POLICE
			379	EA	TEMPORARY RAISED PAVEMENT MARKERS
			1,796	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			12,387	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
12,900	CY	UNDERCUT EXCAVATION			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
Lump Sum	LS	GRADING			
3,150	TON	CLASS IV SUBGRADE STABILIZATION			
65,100	CY	BORROW EXCAVATION			
600	CY	DRAINAGE DITCH EXCAVATION			
1,220	LF	BERM DITCH CONSTRUCTION			
10	HR	PROOF ROLLING			
5,000	CY	SELECT GRANULAR MATERIAL			
5,000	SY	FABRIC FOR SOIL STABILIZATION			
200	SF	TEMPORARY SHORING			
300	TON	GENERIC GRADING ITEM EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOIL			
1,079	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
76	LF	15" SIDE DRAIN PIPE			
5,376	LF	15" RC PIPE CULVERTS, CLASS III			
1,740	LF	18" RC PIPE CULVERTS, CLASS III			
1,562	LF	24" RC PIPE CULVERTS, CLASS III			
556	LF	30" RC PIPE CULVERTS, CLASS III			
48	LF	36" RC PIPE CULVERTS, CLASS III			
72	LF	60" RC PIPE CULVERTS, CLASS III			
84	LF	6" CS PIPE CULVERTS, 0.064" THICK (SPRING BOX)			
252	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
10	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
40	LF	*** WELDED STEEL PIPE IN SOIL (60")			
40	LF	*** WELDED STEEL PIPE NOT IN SOIL (60")			
44	LF	GENERIC PIPE ITEM 60" WS PIPE			
8	LF	GENERIC PIPE ITEM 8" DI PIPE			
545	LF	PIPE REMOVAL			
17,340	SY	LIME TREATED SOIL (SLURRY METHOD)			
180	TON	LIME FOR LIME TREATED SOIL			
1,000	TON	STABILIZER AGGREGATE			
7,430	SY	SOIL CEMENT BASE			
205	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE			
500	TON	INCIDENTAL STONE BASE			
9,700	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")			
610	SY	INCIDENTAL MILLING			
7,570	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
9,170	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
7,540	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,209	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
461	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
336	CY	SUBDRAIN EXCAVATION			
168	CY	SUBDRAIN FINE AGGREGATE			
1,000	LF	6" PERFORATED SUBDRAIN PIPE			
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			

			3	EA	SIGN FOR SIGNALS
			1	EA	SIGNAL CABINET FOUNDATION
			1	EA	CABINET BASE ADAPTER
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			5	EA	DETECTOR CARD (TYPE 2070L)
506	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
188	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
36	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
8,121	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)			
102,382	LF	PAINT PAVEMENT MARKING LINES (4")			
670	LF	PAINT PAVEMENT MARKING LINES (8")			
306	LF	PAINT PAVEMENT MARKING LINES (24")			
78	EA	PAINT PAVEMENT MARKING SYMBOL			
14,361	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
36	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			
12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
289	EA	PERMANENT RAISED PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
353	LF	12" WATER LINE			
5	EA	RELOCATE WATER METER			
113	LF	8" SANITARY GRAVITY SEWER			
254	LF	10" SANITARY GRAVITY SEWER			
3	EA	4' DIA UTILITY MANHOLE			
24	LF	UTILITY MANHOLE WALL, 4' DIA			
2	EA	ABANDON UTILITY MANHOLE			
40	LF	20" ENCASMENT PIPE			
20	LF	TRENCHLESS INSTALLATION OF 20" IN SOIL			
20	LF	TRENCHLESS INSTALLATION OF 20" NOT IN SOIL			
8,700	LF	TEMPORARY SILT FENCE			
565	TON	STONE FOR EROSION CONTROL, CLASS A			
775	TON	STONE FOR EROSION CONTROL, CLASS B			
825	TON	SEDIMENT CONTROL STONE			
20.5	ACR	TEMPORARY MULCHING			
650	LB	SEED FOR TEMPORARY SEEDING			
4.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
400	LF	TEMPORARY SLOPE DRAINS			
10	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
500	LF	SAFETY FENCE			
4,200	CY	SILT EXCAVATION			
8,800	SY	MATTING FOR EROSION CONTROL			
50	SY	COIR FIBER MAT			
2,375	SY	PERMANENT SOIL REINFORCEMENT MAT			
2,300	LF	1/4" HARDWARE CLOTH			
125	LF	*** TEMPORARY PIPE (36")			
100	CY	STILLING BASINS			
550	LF	COIR FIBER BAFFLES			
8	EA	*** SKIMMER (1-1/2')			
28	ACR	SEEDING & MULCHING			
16.5	ACR	MOWING			
200	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			
550	LB	SEED FOR SUPPLEMENTAL SEEDING			
16	TON	FERTILIZER TOPDRESSING			
300	LF	IMPERVIOUS DIKE			
5	HR	SPECIALIZED HAND MOWING			
27	EA	RESPONSE FOR EROSION CONTROL			
690	LF	SIGNAL CABLE			
7	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
520	LF	MESSENGER CABLE (3/8")			
30	LF	PAVED TRENCHING (***** (2, 2"))			
600	LF	UNPAVED TRENCHING (***** (2, 2"))			
5	EA	JUNCTION BOX (STANDARD SIZE)			
4	EA	WOOD POLE			
8	EA	GUY ASSEMBLY			
1	EA	1" RISER WITH WEATHERHEAD			
3	EA	2" RISER WITH WEATHERHEAD			
1,250	LF	INDUCTIVE LOOP SAWCUT			
1,220	LF	LEAD-IN CABLE (***** (18-2))			

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (44+29.00-L-)
223	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
381.7	CY	CLASS A CONCRETE (CULVERT)
53,850	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 018

CONTRACT ID : C202023 33025.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.136 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 7.0% COMPLETION DATE : OCT 15 2009

BRIDGE OVER COVE CREEK AND APPROACHES ON SR-1233.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
50	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
50	TON	CLASS IV SUBGRADE STABILIZATION
2,150	CY	BORROW EXCAVATION
100	CY	DRAINAGE DITCH EXCAVATION
50	CY	SELECT GRANULAR MATERIAL
50	SY	FABRIC FOR SOIL STABILIZATION
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
92	LF	18" RC PIPE CULVERTS, CLASS III
112	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
28	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
120	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
417	LF	PIPE REMOVAL
85	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
490	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
290	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
15	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
21	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)
2	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
12	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.24
6	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
210	LF	SHOULDER BERM GUTTER
365	LF	CONCRETE EXPRESSWAY GUTTER
287.5	LF	STEEL BM GUARDRAIL
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
30	TON	RIP RAP, CLASS B
470	SY	FILTER FABRIC FOR DRAINAGE
443	SF	WORK ZONE SIGNS (STATIONARY)
132	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
18	EA	DRUMS
96	LF	BARRICADES (TYPE III)
18	EA	SKINNY DRUM
5,280	LF	PAINT PAVEMENT MARKING LINES (4")
1,050	LF	TEMPORARY SILT FENCE
180	TON	STONE FOR EROSION CONTROL, CLASS A

85	TON	STONE FOR EROSION CONTROL, CLASS B
160	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
55	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
410	LF	SAFETY FENCE
250	CY	SILT EXCAVATION
1,900	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
55	SY	PERMANENT SOIL REINFORCEMENT MAT
255	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
75	LF	COIR FIBER BAFFLES
3	EA	*** SKIMMER (1-1/2")
8	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
260	LF	IMPERVIOUS DIKE
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

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

64	LF	12" RC PIPE CULVERTS, CLASS III
148	LF	15" RC PIPE CULVERTS, CLASS III
		*** OR ***
56	LF	12" RC PIPE CULVERTS, CLASS III
8	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (12", 0.064")
148	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
		*** OR ***
56	LF	12" RC PIPE CULVERTS, CLASS III
8	LF	***" HDPE PIPE CULVERTS (12")
148	LF	***" HDPE PIPE CULVERTS (15")

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+51.00-L-)
94	CY	CLASS A CONCRETE (CULVERT)
41.6	TON	RIP RAP, CLASS ** (I)
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINF CONC THREE SIDED CULVERT AT STA 18+51.00-L-

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 019

CONTRACT ID : C201809 33653.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.106 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : JUN 15 2010

BRIDGE #320 OVER BEECH CREEK AND APPROACHES ON SR-1153.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+37.5)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
600	TON	CLASS IV SUBGRADE STABILIZATION
1,450	CY	BORROW EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
1,503	SF	TEMPORARY SHORING
19	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
80	LF	15" RC PIPE CULVERTS, CLASS III
64	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
24	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
160	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
160	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
18	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
7	EA	RIGHT OF WAY MARKERS
68	CY	SUBDRAIN EXCAVATION
51	CY	SUBDRAIN FINE AGGREGATE
300	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
5	CY	FLOWABLE FILL
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
30	LF	***X *** CONCRETE CURB (9" X 12")
85	LF	CONCRETE EXPRESSWAY GUTTER
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350
25	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (RETROFIT)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
42	TON	RIP RAP, CLASS B
1,725	SY	FILTER FABRIC FOR DRAINAGE
44	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
5	EA	SIGN ERECTION, TYPE E
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD
214	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
27	EA	CONES
36	LF	BARRICADES (TYPE III)
100	MD	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS

2	EA	RESET TEMPORARY CRASH CUSHIONS
191	LF	PORTABLE CONCRETE BARRIER
100	LF	RESET PORTABLE CONCRETE BARRIER
135	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
6,352	LF	PAINT PAVEMENT MARKING LINES (4")
900	LF	TEMPORARY SILT FENCE
250	TON	STONE FOR EROSION CONTROL, CLASS A
100	TON	STONE FOR EROSION CONTROL, CLASS B
415	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
110	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
320	CY	SILT EXCAVATION
1,250	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
50	SY	PERMANENT SOIL REINFORCEMENT MAT
80	LF	1/4" HARDWARE CLOTH
16	EA	SPECIAL STILLING BASINS
185	LF	COIR FIBER BAFFLES
5	EA	*** SKIMMER (1-1/2")
3.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+37.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+37.50-L-)
133.5	LF	3'-0" DIA DRILLED PIERS IN SOIL
65	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
61	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
550	CY	UNCLASSIFIED STRUCTURE EXCAVATION
52.1	CY	CLASS A CONCRETE (BRIDGE)
20,709	LB	REINFORCING STEEL (BRIDGE)
4,589	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
266	LF	VERTICAL CONCRETE BARRIER RAIL
290	TON	RIP RAP CLASS II (2'-0" THICK)
320	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
930.23	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 020

CONTRACT ID : C202095 34937.3.ST1

DIV OFFICE SHELBY

LENGTH = 1.261 MI

COUNTY : GASTON

GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL 10.0% COMPLETION DATE : JUL 01 2011

NC-274 (GASTONIA HWY) FROM SR-1484 (MAINE AVE) TO NC-275 IN BESSEMER CITY.

ROADWAY ITEMS					
			4	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (60")
			13	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
			7	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
			4	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60")
			6	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
			4	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE (48")
			516	LF	ADDITIONAL BARBED WIRE
			284	LF	CHAIN LINK FENCE RESET
			16	LF	GENERIC FENCING ITEM 36" WOOD FENCE
			15	TON	RIP RAP, CLASS I
			20	TON	RIP RAP, CLASS B
			990	SY	FILTER FABRIC FOR DRAINAGE
			967	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			1	EA	SIGN ERECTION, TYPE D
			42	EA	SIGN ERECTION, TYPE E
			2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
			28	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			320	SF	WORK ZONE SIGNS (STATIONARY)
			200	SF	WORK ZONE SIGNS (PORTABLE)
			170	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW PANELS, TYPE C
			1	EA	CHANGEABLE MESSAGE SIGN
			500	EA	DRUMS
			75	EA	CONES
			120	LF	BARRICADES (TYPE III)
			1,200	MD	FLAGGER
			1	EA	TMIA
			50	HR	POLICE
			200	EA	TEMPORARY RAISED PAVEMENT MARKERS
			420	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			75	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			92,430	LF	PAINT PAVEMENT MARKING LINES (4")
			970	LF	PAINT PAVEMENT MARKING LINES (8")
			1,600	LF	PAINT PAVEMENT MARKING LINES (24")
			42	EA	PAINT PAVEMENT MARKING SYMBOL
			27,700	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
			325	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)
			3,100	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			480	EA	SNOWPLOWABLE PAVEMENT MARKERS
			25	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
			275	LF	2" WATER LINE
			1,465	LF	6" WATER LINE
			165	LF	8" WATER LINE
			20	LF	10" WATER LINE
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
5,000	CY	UNCLASSIFIED EXCAVATION			
5,000	CY	UNDERCUT EXCAVATION			
3,500	TON	CLASS IV SUBGRADE STABILIZATION			
20,500	CY	BORROW EXCAVATION			
10	CY	DRAINAGE DITCH EXCAVATION			
350	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
500	CY	SELECT GRANULAR MATERIAL			
7,000	SY	FABRIC FOR SOIL STABILIZATION			
1,000	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
1,220	LF	24" RC PIPE CULVERTS, CLASS III			
3,625	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
1,000	TON	STABILIZER AGGREGATE			
16,425	TON	AGGREGATE BASE COURSE			
2,000	TON	INCIDENTAL STONE BASE			
5,195	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
10,745	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
9,465	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,300	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
550	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
200	LB	SEALING EXISTING PAVEMENT CRACKS & JOINTS			
112	CY	SUBDRAIN EXCAVATION			
84	CY	SUBDRAIN FINE AGGREGATE			
500	LF	6" PERFORATED SUBDRAIN PIPE			
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE (SUBDRAINS)			
0.09	CY	PIPE PLUGS			
81	EA	MASONRY DRAINAGE STRUCTURES			
8.7	LF	MASONRY DRAINAGE STRUCTURES			
22	EA	FRAME WITH GRATE, STD 840.**** (840.16)			
1	EA	FRAME WITH TWO GRATES, STD 840.29			
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
9	EA	FRAME WITH COVER, STD 840.54			
1,100	LF	***X *** CONCRETE CURB (8" X 12")			
410	LF	1'-6" CONCRETE CURB & GUTTER			
12,330	LF	2'-6" CONCRETE CURB & GUTTER			
5,680	SY	4" CONCRETE SIDEWALK			
70	EA	CONCRETE WHEELCHAIR RAMPS			
930	SY	6" CONCRETE DRIVEWAY			
5	EA	ADJUSTMENT OF MANHOLES			
62	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
32	LF	CHAIN LINK FENCE, *** FABRIC (60")			
156	LF	CHAIN LINK FENCE, *** FABRIC (72")			
78	LF	CHAIN LINK FENCE, 48" FABRIC			

			1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO LIGHTNING ARRESTOR	
			1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM	
6,918	LF	12" WATER LINE				
4	EA	2" VALVE				
2	EA	6" VALVE				
1	EA	10" VALVE				
8	EA	12" VALVE				
2	EA	6" TAPPING VALVE				
1	EA	8" TAPPING VALVE				
2	EA	1" AIR RELEASE VALVE				
4	EA	2" BLOW OFF				
24	EA	RELOCATE WATER METER				
36	EA	RECONNECT WATER METER				
9	EA	RELOCATE FIRE HYDRANT				
492	LF	8" SANITARY GRAVITY SEWER				
583	LF	10" SANITARY GRAVITY SEWER				
502	LF	4" FORCE MAIN SEWER				
60	EA	SANITARY SEWER CLEAN-OUT				
12	EA	4' DIA UTILITY MANHOLE				
30.5	LF	UTILITY MANHOLE WALL, 4' DIA				
4,376	LF	ABANDON 6" UTILITY PIPE				
1,156.5	LF	ABANDON 8" UTILITY PIPE				
587	LF	ABANDON 10" UTILITY PIPE				
4,623	LF	ABANDON 12" UTILITY PIPE				
1	EA	REMOVE WATER METER				
2	EA	REMOVE FIRE HYDRANT				
6	EA	REMOVE UTILITY MANHOLE				
1	EA	GENERIC UTILITY ITEM PROPOSED METER VAULT				
1	EA	GENERIC UTILITY ITEM REMOVE EXISTING METER VAULT				
16,300	LF	TEMPORARY SILT FENCE				
720	TON	STONE FOR EROSION CONTROL, CLASS A				
1,240	TON	STONE FOR EROSION CONTROL, CLASS B				
945	TON	SEDIMENT CONTROL STONE				
6.5	ACR	TEMPORARY MULCHING				
150	LB	SEED FOR TEMPORARY SEEDING				
0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING				
140	LF	TEMPORARY SLOPE DRAINS				
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
2,465	CY	SILT EXCAVATION				
10,000	SY	MATTING FOR EROSION CONTROL				
50	SY	PERMANENT SOIL REINFORCEMENT MAT				
1,600	LF	1/4" HARDWARE CLOTH				
10	ACR	SEEDING & MULCHING				
5	ACR	MOWING				
50	LB	SEED FOR REPAIR SEEDING				
0.25	TON	FERTILIZER FOR REPAIR SEEDING				
150	LB	SEED FOR SUPPLEMENTAL SEEDING				
4	TON	FERTILIZER TOPDRESSING				
5	HR	SPECIALIZED HAND MOWING				
27	EA	RESPONSE FOR EROSION CONTROL				
6	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION WITH COUNT- DOWN)				
3,480	LF	SIGNAL CABLE				
21	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)				
3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)				
2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)				
1,510	LF	MESSENGER CABLE (3/8")				
1,415	LF	UNPAVED TRENCHING (***** (2, 2")				
10	EA	JUNCTION BOX (STANDARD SIZE)				
4	EA	WOOD POLE				
8	EA	GUY ASSEMBLY				
1	EA	1" RISER WITH WEATHERHEAD				
2	EA	2" RISER WITH WEATHERHEAD				
1,870	LF	INDUCTIVE LOOP SAWCUT				
6,980	LF	LEAD-IN CABLE (***** (14-2)				
3	EA	MICROWAVE VEHICLE DETECTOR				
2	EA	900MHZ WIRELESS RADIO SYSTEM				
8	EA	METAL STRAIN SIGNAL POLE				
8	EA	SOIL TEST				
48	CY	DRILLED PIER FOUNDATION				
1	EA	SIGN FOR SIGNALS				
2	EA	SIGNAL CABINET FOUNDATION				
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)				
12	EA	DETECTOR CARD (TYPE 2070L)				
2	EA	CABINET BASE EXTENDER				
			4,996	LF	15" RC PIPE CULVERTS, CLASS III	
			1,156	LF	18" RC PIPE CULVERTS, CLASS III	
			1,452	LF	30" RC PIPE CULVERTS, CLASS III	
					*** OR ***	
			3,816	LF	15" RC PIPE CULVERTS, CLASS III	
			1,140	LF	18" RC PIPE CULVERTS, CLASS III	
			1,044	LF	30" RC PIPE CULVERTS, CLASS III	
			1,180	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")	
			16	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")	
			408	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (30", 0.079")	
					*** OR ***	
			3,816	LF	15" RC PIPE CULVERTS, CLASS III	
			1,140	LF	18" RC PIPE CULVERTS, CLASS III	
			1,044	LF	30" RC PIPE CULVERTS, CLASS III	
			1,180	LF	***" HDPE PIPE CULVERTS (15")	
			16	LF	***" HDPE PIPE CULVERTS (18")	
			408	LF	***" HDPE PIPE CULVERTS (30")	
					*** END SCHEDULE AA ***	

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090317 021

CONTRACT ID : C202071 33002.3.1

DIV OFFICE SYLVA

LENGTH = 0.117 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : NOV 15 2009

BRIDGE OVER HEMPHILL CREEK & APPROACHES ON SR-1318.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+92.02)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
600	CY	UNDERCUT EXCAVATION
200	TON	CLASS IV SUBGRADE STABILIZATION
45	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
402	SF	TEMPORARY SHORING
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
144	LF	18" SIDE DRAIN PIPE
108	LF	18" RC PIPE CULVERTS, CLASS III
56	LF	36" RC PIPE CULVERTS, CLASS III
316	LF	PIPE REMOVAL
370	TON	AGGREGATE BASE COURSE
250	TON	INCIDENTAL STONE BASE
530	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
460	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
53	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
45	CY	SUBDRAIN EXCAVATION
35	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
4	CY	ENDWALLS
1	EA	MODIFIED CONCRETE FLUME
237.5	LF	STEEL BM GUARDRAIL
87.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
137.5	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (350 TL-2)
1	EA	GENERIC GUARDRAIL ITEM GUARDRAIL ANCHOR UNIT, TYPE TEMPORARY RETROFIT
305	LF	GENERIC FENCING ITEM LANDSCAPE FENCE RESET
2	TON	RIP RAP, CLASS I
110	TON	RIP RAP, CLASS B
650	SY	FILTER FABRIC FOR DRAINAGE
144	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	EA	DRUMS
40	LF	BARRICADES (TYPE III)
960	HR	FLAGGER
11,586	LF	PAINT PAVEMENT MARKING LINES (4")
81	LF	PAINT PAVEMENT MARKING LINES (24")

3,302	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,780	LF	TEMPORARY SILT FENCE
200	TON	STONE FOR EROSION CONTROL, CLASS A
445	TON	STONE FOR EROSION CONTROL, CLASS B
145	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
2.25	TON	FERTILIZER FOR TEMPORARY SEEDING
150	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
840	CY	SILT EXCAVATION
1,400	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
125	SY	PERMANENT SOIL REINFORCEMENT MAT
125	LF	1/4" HARDWARE CLOTH
135	LF	COIR FIBER BAFFLES
3	EA	*** SKIMMER (1-1/2")
3.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+92.50-L-)
80	LF	PILE EXCAVATION IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+92.50-L-)
27.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+92.50-L-)
4,342	LB	REINFORCING STEEL (BRIDGE)
880	LF	HP12X53 STEEL PILES
16	EA	STEEL PILE POINTS
125.04	LF	CONCRETE BARRIER RAIL
180	TON	RIP RAP CLASS II (2'-0" THICK)
200	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
687.67	LF	3'-0" X 1'-9" PRESTRESSED CONCRETE SLABS

