



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 27602-4504

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

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.




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September 23, 2008

Notice To: All Prospective Bidders

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

Subject: Advertisement of U-2519E/X-0002B and X-0002C
Cumberland County

As a matter of information to all Prospective Bidders the above subject projects scheduled for a November 18, 2008 Letting will be advertised for a six week period on October 7, 2008. Also note that these two projects will be offered for cluster bids.

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

MAILING ADDRESS:
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PROJECT SERVICES UNIT
1591 MAIL SERVICE CENTER

TELEPHONE: 919-250-4128
FAX: 919-250-4119
WEBSITE: [WWW.NCDOT.ORG](http://www.NCDOT.ORG)

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



STATE OF NORTH CAROLINA
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MICHAEL F. EASLEY
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LYNDO TIPPETT
SECRETARY

July 22, 2008

MEMORANDUM TO: All Prequalified Contractors

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

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SECRETARY

November 20, 2007

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
1581 MAIL SERVICE CENTER
RALEIGH NC 27689-1581

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

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B - ENTRANCE B 16
1020 BIRCH RIDGE DRIVE
RALEIGH NC

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




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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SECRETARY

October 23, 2007

MEMORANDUM TO: Prospective Bidders
FROM: R. A. Garris, P.E. 
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 mncdiarmid@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:
NC DEPARTMENT OF TRANSPORTATION
CONTRACTS AND PROPOSALS
1591 MAIL SERVICE CENTER
RALEIGH, NORTH CAROLINA 27699-1591

TELEPHONE: 919-250-4124
FAX: 919-250-4127
WEBSITE: WWW.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 OCTOBER 21, 2008. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

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

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

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

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

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

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS SEPTEMBER 23, 2008.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

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

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

Bid Letting Number L081021

RPN	Contract Id	WBS	County	Length	JobType
005	C202136	34538.3.8	CRAVEN	6.500 MI	WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
006	C201921	33323.3.1	NEW HANOVER	0.341 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C201967	41439.3.1	NEW HANOVER	19.200 MI	ITS, COMPUTERIZED SIGNAL SYSTEM.
008	C202019	33826.3.1	WAYNE	0.133 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
009	C201569	37723.3.1	ROBESON	0.511 MI	GRADE SEPERATION, GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C201810	41521.3.1	ROBESON	1.385 MI	WIDENING, GRADING, DRAINAGE, AND PAVING.
011	C201371	34438.3.3	RICHMOND, MOORE	8.428 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
012	C201964	33619.3.1	STANLY	0.136 MI	GRADING, DRAINAGE, PAVING, & CULVERT.
013	C201898	33704.3.1	CABARRUS	0.305 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.
014	C201963	32574.3.7	CLAY	3.920 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
015	C201777	34427.3.1	MACON	0.881 MI	GRADING, DRAINAGE, PAVING & SIGNALS.

Bid Letting Number L081118

RPN	Contract Id	WBS	County	Length	JobType
*001	C201976	34414.3.4	CRAVEN, JONES	9.529 KM	WIDEN, GRADING, DRAINAGE, PAVING, SIGNAL, SIGNING & STR.

*** THIS PROJECT IS AN 8 WEEK ADVERTISEMENT**

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L081021 005****CONTRACT ID : C202136 34538.3.8****DIV OFFICE GREENVILLE****LENGTH = 6.500 MI****COUNTY : CRAVEN****WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.****DBE GOAL 5.0% COMPLETION DATE : OCT 14 2009****US-17 FROM NC-43 (MILLS ST) TO SR-1433 (ANTIOCH RD, SOUTHERN INTERSECTION).****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
13	SMI	SHOULDER RECONSTRUCTION
7,879	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
5,265	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
10,615	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,223	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
40	SY	6" CONCRETE DRIVEWAY
69,940	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
42,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
11	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081021 006

CONTRACT ID : C201921 33323.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.341 MI

COUNTY : NEW HANOVER

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : OCT 01 2010

BRIDGE OVER CSX TRANSPORTATION TRACKS & APPROACHES ON CORNELIUS HARNETT DR (OLD NC-133).

ROADWAY ITEMS					
			300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			25	EA	PERMANENT RAISED PAVEMENT MARKERS
			887	LF	12" WATER LINE
			225	LF	30" WATER LINE
			4	EA	6" VALVE
			4	EA	12" VALVE
			2	EA	30" VALVE
			2	EA	RELOCATE WATER METER
			2	EA	FIRE HYDRANT
			230	LF	8" SANITARY GRAVITY SEWER
			5	EA	SANITARY SEWER CLEAN-OUT
			4	EA	4' DIA UTILITY MANHOLE
			6	LF	UTILITY MANHOLE WALL, 4' DIA
			337	LF	ABANDON 8" UTILITY PIPE
			1,397	LF	ABANDON 12" UTILITY PIPE
			273	LF	ABANDON 30" UTILITY PIPE
			2	EA	ABANDON UTILITY MANHOLE
			165	LF	12" ENCASEMENT PIPE
			65	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL
			65	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
			83	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
			83	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
			60	LF	TRENCHLESS INSTALLATION OF 30" IN SOIL
			60	LF	TRENCHLESS INSTALLATION OF 30" NOT IN SOIL
			2	EA	GENERIC UTILITY ITEM 1" AIR VACUUM VALVE AND VAULT
			1	EA	GENERIC UTILITY ITEM CLASS B CONCRETE ENCASEMENT BLOCK
			1,415	LF	GENERIC UTILITY ITEM 6" DUCTILE IRON FORCE MAIN SEWER PIPE, PC 350
			2,800	LF	TEMPORARY SILT FENCE
			100	TON	STONE FOR EROSION CONTROL, CLASS A
			250	TON	STONE FOR EROSION CONTROL, CLASS B
			125	TON	SEDIMENT CONTROL STONE
			4.5	ACR	TEMPORARY MULCHING
			150	LB	SEED FOR TEMPORARY SEEDING
			0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
			400	LF	TEMPORARY SLOPE DRAINS
			7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			300	LF	SAFETY FENCE
			5,755	CY	SILT EXCAVATION
			1,050	SY	MATTING FOR EROSION CONTROL
			30	SY	COIR FIBER MAT
			2,020	SY	PERMANENT SOIL REINFORCEMENT MAT
			200	LF	1/4" HARDWARE CLOTH
			250	LF	COIR FIBER BAFFLES
			8	ACR	SEEDING & MULCHING
			5	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			200	LB	SEED FOR SUPPLEMENTAL SEEDING
			6	TON	FERTILIZER TOPDRESSING
			2.5	HR	SPECIALIZED HAND MOWING
			12	EA	RESPONSE FOR EROSION CONTROL
			0.5	ACR	REFORESTATION
Lump Sum	LS	MOBILIZATION			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
300	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
55,400	CY	BORROW EXCAVATION			
4	EA	EMBANKMENT SETTLEMENT GAUGES			
120	CY	DRAINAGE DITCH EXCAVATION			
100	SY	FABRIC FOR SOIL STABILIZATION			
100	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL			
212	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
420	LF	15" RC PIPE CULVERTS, CLASS III			
60	LF	18" RC PIPE CULVERTS, CLASS III			
132	LF	***BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (15", 0.064")			
4	EA	*** BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (15", 0.064")			
10	TON	STABILIZER AGGREGATE			
2,476	TON	AGGREGATE BASE COURSE			
30	TON	INCIDENTAL STONE BASE			
1,473	GAL	PRIME COAT			
110	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
880	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
58	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
22	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
5	EA	RIGHT OF WAY MARKERS			
30	CY	SUBDRAIN EXCAVATION			
20	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	EA	FRAME WITH TWO GRATES, STD 840.24			
6	EA	FRAME WITH TWO GRATES, STD 840.29			
25	LF	2'-6" CONCRETE CURB & GUTTER			
550	LF	SHOULDER BERM GUTTER			
825	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
38	TON	RIP RAP, CLASS B			
483	SY	FILTER FABRIC FOR DRAINAGE			
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
104	SF	WORK ZONE SIGNS (STATIONARY)			
176	SF	WORK ZONE SIGNS (PORTABLE)			
70	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
130	EA	DRUMS			
10	EA	CONES			
56	LF	BARRICADES (TYPE III)			
75	MD	FLAGGER			
25	EA	TEMPORARY RAISED PAVEMENT MARKERS			
33,120	LF	PAINT PAVEMENT MARKING LINES (4")			
160	LF	PAINT PAVEMENT MARKING LINES (24")			

WALL ITEMS

4,633 SF MSE RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (28+71.39-L-)
6,314	SF	REINFORCED CONCRETE DECK SLAB
5,840	SF	GROOVING BRIDGE FLOORS
68.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+71.39-L-)
8,446	LB	REINFORCING STEEL (BRIDGE)
381,000	LS	APPROX LBS STRUCTURAL STEEL
1,430	LF	HP12X53 GALVANIZED STEEL PILES
22	EA	STEEL PILE POINTS
379.79	LF	CONCRETE BARRIER RAIL
372	LF	*** CHAIN LINK FENCE (60")
16	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081021 007

CONTRACT ID : C201967 41439.3.1

DIV OFFICE WILMINGTON

LENGTH = 19.200 MI

COUNTY : NEW HANOVER

ITS, COMPUTERIZED SIGNAL SYSTEM.

DBE GOAL 0.0% COMPLETION DATE : NOV 01 2010

WILMINGTON - PHASE I, SOUTHERN SECTION.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION	EA	DESCRIPTION
	LS	MOBILIZATION		
840	SF	WORK ZONE SIGNS (PORTABLE)	7	EA GENERIC SIGNAL ITEM 900 MHZ RADIO
72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1	EA GENERIC SIGNAL ITEM AERIAL GUY ASSEMBLY
2	EA	FLASHING ARROW PANELS, TYPE C	16	EA GENERIC SIGNAL ITEM AUXILIARY FILE
3	EA	CHANGEABLE MESSAGE SIGN	7	EA GENERIC SIGNAL ITEM CCTV CABINET
140	EA	DRUMS	7	EA GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
140	EA	CONES	7	EA GENERIC SIGNAL ITEM CCTV WOOD POLE
50	LF	BARRICADES (TYPE III)	1	EA GENERIC SIGNAL ITEM DIGITAL VIDEO RECORDER
350	HR	FLAGGER	42	EA GENERIC SIGNAL ITEM DOWN GUY ASSEMBLY
3	EA	TMIA	4	EA GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (>400')
350	HR	POLICE	14	EA GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (150')
100	EA	SKINNY DRUM	5	EA GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (200')
2,620	LF	SIGNAL CABLE	15	EA GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (300')
10	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	2	EA GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (400')
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	1	EA GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (50')
2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	9	EA GENERIC SIGNAL ITEM FIBER-OPTIC VIDEO/DATA RECEIVER
9,600	LF	MESSENGER CABLE (1/4")	9	EA GENERIC SIGNAL ITEM FIBER-OPTIC VIDEO/DATA TRANSMITTER
235	LF	MESSENGER CABLE (3/8")	2	EA GENERIC SIGNAL ITEM FURNISH 2010ECL-NC ENHANCED CONFLICT MONITOR
9,365	LF	TRACER WIRE	2	EA GENERIC SIGNAL ITEM FURNISH 2070L CONTROLLER
100	LF	DIRECTIONAL DRILL (***** (1, 1-1/4")	2	EA GENERIC SIGNAL ITEM FURNISH 332 CABINET
540	LF	DIRECTIONAL DRILL (***** (2, 1-1/4")	1	EA GENERIC SIGNAL ITEM FURNISH 336S CABINET
2	EA	JUNCTION BOX (***** (SPECIAL-SIZED, HEAVY DUTY)	1	EA GENERIC SIGNAL ITEM FURNISH 900MHZ RADIO
11	EA	JUNCTION BOX (STANDARD SIZE)	12	EA GENERIC SIGNAL ITEM FURNISH DETECTOR CARD (TYPE 2070L)
17	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	3	EA GENERIC SIGNAL ITEM FURNISH FIBER-OPTIC TRANSCIEVER DROP & REPEAT
1	EA	WOOD POLE	1	EA GENERIC SIGNAL ITEM FURNISH FIBER-OPTIC VIDEO/DATA RECEIVER
11	EA	**** RISER WITH ***** (1", HEAT SHRINK TUBING)	1	EA GENERIC SIGNAL ITEM FURNISH FIBER-OPTIC VIDEO/DATA TRANSMITTER
4	EA	1" RISER WITH WEATHERHEAD	2	EA GENERIC SIGNAL ITEM FURNISH VIDEO MONITOR
36	EA	2" RISER WITH WEATHERHEAD	1	EA GENERIC SIGNAL ITEM FURNISH VISUAL FAULT LOCATOR
18	EA	HEAT SHRINK TUBING RETROFIT KIT	41	EA GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE FOR TRAFFIC SIGNAL
24	EA	2" RISER WITH HEAT SHRINK TUBING	5	EA GENERIC SIGNAL ITEM MODIFY EXISTING SPLICE
930	LF	INDUCTIVE LOOP SAWCUT	3	EA GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE FOR CCTV (OVERHEAD)
13,095	LF	LEAD-IN CABLE (***** (14-2)	4	EA GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE FOR CCTV (UNDERGROUND)
45,890	LF	COMMUNICATIONS CABLE (**FIBER) (24)	9	EA GENERIC SIGNAL ITEM REMOVE SPLICE CABINET
11,850	LF	COMMUNICATIONS CABLE (**FIBER) (96)	3	EA GENERIC SIGNAL ITEM SERVICE POLE
35	EA	SPLICE ENCLOSURE	3	EA GENERIC SIGNAL ITEM SIDEWALK GUY ASSEMBLY
2	EA	INTERCONNECT CENTER	1	EA GENERIC SIGNAL ITEM TERMINAL SPLICE CABINET
50	EA	FIBER-OPTIC TRANSCIEVER, DROP & REPEAT	2	EA GENERIC SIGNAL ITEM UPS
1	EA	FURNISH FIBER-OPTIC RESTORATION KIT		
1	EA	FURNISH FIBER-OPTIC POWER METER		
1	EA	FURNISH OPTICAL LIGHT GENERATOR		
6,350	LF	REMOVE EXISTING COMMUNICATIONS CABLE		
10	EA	CABLE TRANSFER		
7	EA	SIGN FOR SIGNALS		
4	EA	RELOCATE EXISTING SIGN		
10	EA	SIGNAL CABINET FOUNDATION		
5	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION		
19	EA	MODIFY FOUNDATION FOR CONTROLLER CABINET		
29	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)		
5	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)		
226	EA	DETECTOR CARD (TYPE 2070L)		
28	EA	CABINET BASE EXTENDER		
1	EA	CABINET BASE ADAPTER		

25	EA	GENERIC SIGNAL ITEM VIDEO DISTRIBUTION AMPLIFIER
1	EA	GENERIC SIGNAL ITEM VIDEO MATRIX SWITCH
8	EA	GENERIC SIGNAL ITEM VIDEO MONITOR (23")
1	EA	GENERIC SIGNAL ITEM VIDEO MONITOR (42")
1	EA	GENERIC SIGNAL ITEM VIDEO MULTIPLEXER
3	EA	GENERIC SIGNAL ITEM VIDEO SERVER
Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SOFTWARE INTEGRATION
Lump Sum	LS	GENERIC SIGNAL ITEM REMOVE CCTV EQUIPMENT
Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SHOP MODIFICATIONS
Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
100	LF	GENERIC SIGNAL ITEM AERIAL CABLE PROTECTOR
2,145	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 2")
2,660	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT(2, 1-1/4")

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081021 008

CONTRACT ID : C202019 33826.3.1

DIV OFFICE WILSON

LENGTH = 0.133 MI

COUNTY : WAYNE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER NAHUNTA SWAMP AND APPROACHES ON SR-1532.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+55.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	FABRIC FOR SOIL STABILIZATION
11	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
98	LF	15" RC PIPE CULVERTS, CLASS III
15	TON	AGGREGATE BASE COURSE
240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
300	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
8	EA	RIGHT OF WAY MARKERS
25	CY	SUBDRAIN EXCAVATION
20	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)
4	EA	MASONRY DRAINAGE STRUCTURES
1.6	LF	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
40	LF	SHOULDER BERM GUTTER
375	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2	TON	RIP RAP, CLASS B
2,210	SY	FILTER FABRIC FOR DRAINAGE
289	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
30	EA	CONES
80	LF	BARRICADES (TYPE III)
10	MD	FLAGGER
5,600	LF	PAINT PAVEMENT MARKING LINES (4")
14	EA	PERMANENT RAISED PAVEMENT MARKERS
3,550	LF	TEMPORARY SILT FENCE
450	TON	STONE FOR EROSION CONTROL, CLASS A
5	TON	STONE FOR EROSION CONTROL, CLASS B
80	TON	SEDIMENT CONTROL STONE
2.5	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
800	LF	SAFETY FENCE
5	CY	SILT EXCAVATION
2,200	SY	MATTING FOR EROSION CONTROL
275	LF	1/4" HARDWARE CLOTH
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	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+55.00-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+55.00-L-)
45.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+55.00-L-)
7,184	LB	REINFORCING STEEL (BRIDGE)
660	LF	HP12X53 STEEL PILES
880	LF	HP12X53 GALVANIZED STEEL PILES
16	EA	PILE REDRIVES
329.5	LF	CONCRETE BARRIER RAIL
218	TON	RIP RAP, CLASS ** (I)
242	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,810.88	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081021 009

CONTRACT ID : C201569 37723.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.511 MI

COUNTY : ROBESON

GRADE SEPERATION, GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : MAY 15 2010

US-74 AT SR-2210 (OLD KINGSDALE ROAD).

ROADWAY ITEMS					
			1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
			2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
Lump Sum	LS	MOBILIZATION	2,925	LF	STEEL BM GUARDRAIL
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	10	EA	ADDITIONAL GUARDRAIL POSTS
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4,500	CY	UNCLASSIFIED EXCAVATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (35+99.45)	2,450	LF	WOVEN WIRE FENCE, 47" FABRIC
200	CY	UNDERCUT EXCAVATION	160	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
178,200	CY	BORROW EXCAVATION	40	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
3,150	CY	DRAINAGE DITCH EXCAVATION	150	LF	ADDITIONAL BARBED WIRE
6,390	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	26	TON	RIP RAP, CLASS I
4,870	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	40	TON	RIP RAP, CLASS B
200	CY	SELECT GRANULAR MATERIAL	555	SY	FILTER FABRIC FOR DRAINAGE
200	SY	FABRIC FOR SOIL STABILIZATION	22	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
535	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
64	LF	15" SIDE DRAIN PIPE	447	SF	WORK ZONE SIGNS (STATIONARY)
48	LF	24" SIDE DRAIN PIPE	338	SF	WORK ZONE SIGNS (PORTABLE)
8	LF	12" RC PIPE CULVERTS, CLASS III	114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
500	LF	15" RC PIPE CULVERTS, CLASS III	2	EA	FLASHING ARROW PANELS, TYPE C
164	LF	30" RC PIPE CULVERTS, CLASS III	2	EA	CHANGEABLE MESSAGE SIGN
236	LF	36" RC PIPE CULVERTS, CLASS III	190	EA	DRUMS
116	LF	42" RC PIPE CULVERTS, CLASS III	15	EA	CONES
212	LF	48" RC PIPE CULVERTS, CLASS III	440	LF	BARRICADES (TYPE III)
440	LF	15" CS PIPE CULVERTS, 0.064" THICK	4	EA	TEMPORARY CRASH CUSHIONS
504	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	2	EA	TMIA
14	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	1,180	LF	PORTABLE CONCRETE BARRIER
900	LF	PIPE REMOVAL	40	HR	POLICE
80	SY	6" SLOPE PROTECTION	100	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	FINE GRADING	800	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
2	TON	#57 STONE	250	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (III)
850	TON	AGGREGATE BASE COURSE	25,830	LF	PAINT PAVEMENT MARKING LINES (4")
250	TON	INCIDENTAL STONE BASE	12,000	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
1,980	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	9,230	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)
170	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1,120	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
430	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	40	EA	PERMANENT RAISED PAVEMENT MARKERS
1,690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	60	EA	SNOWBLOWABLE PAVEMENT MARKERS
1,220	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	2,710	LF	8" WATER LINE
195	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1	EA	RELOCATE WATER METER
105	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	1	EA	RELOCATE FIRE HYDRANT
163	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2,720	LF	ABANDON 8" UTILITY PIPE
14	CY	ENDWALLS	6,500	LF	TEMPORARY SILT FENCE
0.4	CY	PIPE COLLARS	150	TON	STONE FOR EROSION CONTROL, CLASS A
16.5	CY	FLOWABLE FILL	1,150	TON	STONE FOR EROSION CONTROL, CLASS B
17	EA	MASONRY DRAINAGE STRUCTURES	480	TON	SEDIMENT CONTROL STONE
3	EA	FRAME WITH TWO GRATES, STD 840.22	16	ACR	TEMPORARY MULCHING
12	EA	FRAME WITH TWO GRATES, STD 840.29	650	LB	SEED FOR TEMPORARY SEEDING
2,686	LF	SHOULDER BERM GUTTER	3.25	TON	FERTILIZER FOR TEMPORARY SEEDING
2	EA	CONCRETE BARRIER TRANSITION SECTION	1,300	LF	TEMPORARY SLOPE DRAINS
44	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	21	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
7	SY	GENERIC PAVING ITEM 4" CONCRETE ISLAND COVERS	3,500	LF	SAFETY FENCE
			3,150	CY	SILT EXCAVATION
			3,800	SY	MATTING FOR EROSION CONTROL
			60	SY	COIR FIBER MAT
			320	LF	1/4" HARDWARE CLOTH
			1,320	LF	COIR FIBER BAFFLES

10	EA	*** SKIMMER (1-1/2")
29	ACR	SEEDING & MULCHING
17	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.75	TON	FERTILIZER FOR REPAIR SEEDING
675	LB	SEED FOR SUPPLEMENTAL SEEDING
20.25	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 35+99.45 -L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
6,617	SF	REINFORCED CONCRETE DECK SLAB
6,006	SF	GROOVING BRIDGE FLOORS
90.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (35+99.45 -L-)
13,672	LB	REINFORCING STEEL (BRIDGE)
816	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
782	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
2,690	LF	HP12X53 STEEL PILES
32	EA	PILE REDRIVES
394.58	LF	CONCRETE BARRIER RAIL
520	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081021 011

CONTRACT ID : C201371 34438.3.3

DIV OFFICE ABERDEEN

LENGTH = 8.428 MI

COUNTY : RICHMOND, MOORE

GRADING, DRAINAGE, PAVING & STRUCTURE.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : NOV 15 2011

US-1 FROM SOUTH OF SR-1001 (MARSTON RD) TO EXISTING 4-LANES NORTH OF MOORE COUNTY LINE.

ROADWAY ITEMS				
		60,625	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
		720	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
Lump Sum	LS	6,317	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	3,638	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	4 ACR	350	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
188,000	CY	171	EA	RIGHT OF WAY MARKERS
Lump Sum	LS	672	CY	SUBDRAIN EXCAVATION
		336	CY	SUBDRAIN FINE AGGREGATE
Lump Sum	LS	2,000	LF	6" PERFORATED SUBDRAIN PIPE
		60	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
23,850	CY	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
Lump Sum	LS	24	LF	6" OUTLET PIPE (SUBDRAINS)
		6	CY	ENDWALLS
68,000	CY	8	CY	REINFORCED ENDWALLS
5,275	CY	5	CY	PIPE COLLARS
15,350	SY	1	CY	PIPE PLUGS
		31	CY	FLOWABLE FILL
16,790	SY	135	EA	MASONRY DRAINAGE STRUCTURES
		8	EA	FRAME WITH GRATE, STD 840.24
48	HR	5	EA	FRAME WITH TWO GRATES, STD 840.20
29,000	CY	33	EA	FRAME WITH TWO GRATES, STD 840.22
17,200	SY	59	EA	FRAME WITH TWO GRATES, STD 840.24
32,400	SF	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2,000	GAL	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
Lump Sum	LS	10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
		5	EA	FRAME WITH COVER, STD 840.54
		18	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
		1	EA	** SLUICE GATE (25")
		2	EA	** SLUICE GATE (32")
		1	EA	** SLUICE GATE (38-3/4")
		730	LF	**X** CONCRETE CURB (8" X 6")
		21,300	LF	**,** CONCRETE CURB & GUTTER (2'-9")
		4,565	LF	SHOULDER BERM GUTTER
		80	SY	4" CONCRETE PAVED DITCH
		2,200	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
		2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
		5,137.5	LF	STEEL BM GUARDRAIL
		20	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2,500	TON	5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
112,200	TON	8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
500	TON	7,300	LF	WOVEN WIRE FENCE, 47" FABRIC
1,356	GAL	400	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
200	SY	210	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
		7,610	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
		690	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
		26,695	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
		103,880	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C

			87	LF	12" WATER LINE	
			2	EA	2" VALVE	
			15	EA	6" VALVE	
			1	EA	8" VALVE	
			37	EA	10" VALVE	
			1	EA	12" VALVE	
2	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (72")	44	EA	RELOCATE WATER METER	
1	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (72", 15', 30')	11	EA	RECONNECT WATER METER	
1	EA	GENERIC FENCING ITEM TEMPORARY DOUBLE GATES, 72" HIGH, 15' WIDE, 30' OPENING	7	EA	FIRE HYDRANT	
2	EA	GENERIC FENCING ITEM TEMPORARY METAL GATE POST FOR 72" CHAIN LINK FENCE	20	EA	RELOCATE FIRE HYDRANT	
55	EA	GENERIC FENCING ITEM TEMPORARY METAL LINE POSTS FOR 72" CHAIN LINK FENCE	250	LF	ABANDON 12" UTILITY PIPE	
8	EA	GENERIC FENCING ITEM TEMPORARY METAL TERMINAL POST FOR 72" CHAIN LINK FENCE	Lump Sum	LS	GENERIC UTILITY ITEM UTILITY COORDINATOR	
660	LF	GENERIC FENCING ITEM TEMPORARY CHAIN LINK FENCE 72" FABRIC	15,000	LF	TEMPORARY SILT FENCE	
60	TON	RIP RAP, CLASS I	4,325	TON	STONE FOR EROSION CONTROL, CLASS A	
910	TON	RIP RAP, CLASS B	7,000	TON	STONE FOR EROSION CONTROL, CLASS B	
6,850	SY	FILTER FABRIC FOR DRAINAGE	5,550	TON	SEDIMENT CONTROL STONE	
3,595	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	125.5	ACR	TEMPORARY MULCHING	
16	EA	SIGN ERECTION, TYPE D	4,850	LB	SEED FOR TEMPORARY SEEDING	
176	EA	SIGN ERECTION, TYPE E	20	TON	FERTILIZER FOR TEMPORARY SEEDING	
21	EA	SIGN ERECTION, TYPE F	700	LF	TEMPORARY SLOPE DRAINS	
6	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	19	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	7,350	LF	SAFETY FENCE	
146	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	101,675	CY	SILT EXCAVATION	
6	EA	DISPOSAL OF SUPPORT, U-CHANNEL	105,800	SY	MATTING FOR EROSION CONTROL	
1,876	SF	WORK ZONE SIGNS (STATIONARY)	250	SY	COIR FIBER MAT	
1,002	SF	WORK ZONE SIGNS (PORTABLE)	1,250	SY	PERMANENT SOIL REINFORCEMENT MAT	
982	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,370	LF	1/4" HARDWARE CLOTH	
2	EA	FLASHING ARROW PANELS, TYPE C	3,750	CY	STILLING BASINS	
4	EA	CHANGEABLE MESSAGE SIGN	24	EA	SPECIAL STILLING BASINS	
80	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)	12,450	LF	COIR FIBER BAFFLES	
1,627	EA	DRUMS	5	EA	*** SKIMMER (1-1/2")	
656	LF	BARRICADES (TYPE III)	9	EA	*** SKIMMER (2")	
1,155	MD	FLAGGER	12	EA	*** SKIMMER (2-1/2")	
5	EA	TEMPORARY CRASH CUSHIONS	3	EA	*** SKIMMER (3")	
5	EA	RESET TEMPORARY CRASH CUSHIONS	5	EA	*** SKIMMER (4")	
3	EA	TMA	4	EA	*** SKIMMER (5")	
12,610	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	136	ACR	SEEDING & MULCHING	
710	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)	78	ACR	MOWING	
20	EA	SKINNY DRUM	1,100	LB	SEED FOR REPAIR SEEDING	
2,981	EA	TEMPORARY RAISED PAVEMENT MARKERS	2.75	TON	FERTILIZER FOR REPAIR SEEDING	
4,320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	3,125	LB	SEED FOR SUPPLEMENTAL SEEDING	
715,005	LF	PAINT PAVEMENT MARKING LINES (4")	94.5	TON	FERTILIZER TOPDRESSING	
46	EA	PAINT PAVEMENT MARKING SYMBOL	4	HR	SPECIALIZED HAND MOWING	
225,656	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)	72	EA	RESPONSE FOR EROSION CONTROL	
1,682	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)	1	ACR	REFORESTATION	
130	LF	POLYUREA PAVEMENT MARKING LINES (16", *****) (HIGHLY REFLECTIVE ELEMENTS)				***** BEGIN SCHEDULE AA ***** (3 ALTERNATES) *****
793	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (HIGHLY REFLECTIVE ELEMENTS)				
6	EA	POLYUREA PAVEMENT MARKING CHARACTER (*****) (HIGHLY REFLECTIVE ELEMENTS)				
394	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (HIGHLY REFLECTIVE ELEMENTS)				
150,499	LF	REMOVAL OF PAVEMENT MARKING LINES (4")				
1,427	LF	REMOVAL OF PAVEMENT MARKING LINES (8")				
102	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS				
1,789	EA	SNOWPLOWABLE PAVEMENT MARKERS				
227	LF	2" WATER LINE				
1,277	LF	6" WATER LINE				
130	LF	8" WATER LINE				
35,707	LF	10" WATER LINE				

760	LF	**** HDPE PIPE CULVERTS (36")	Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA*****
320	LF	**** HDPE PIPE CULVERTS (42")			(434+27.00 -L-SBL)
		*** OR ***			
4,900	LF	15" RC PIPE CULVERTS, CLASS III			
3,260	LF	18" RC PIPE CULVERTS, CLASS III			
3,060	LF	24" RC PIPE CULVERTS, CLASS III			
740	LF	30" RC PIPE CULVERTS, CLASS III			
180	LF	36" RC PIPE CULVERTS, CLASS III			
5,600	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")			
1,140	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (18", 0.064")			
840	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (24", 0.064")			
980	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (30", 0.079")			
760	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (36", 0.079")			
320	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (42", 0.109")			

*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (434+27.00 -L-NBL)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (434+27.00 -L-SBL)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (437+27.00 -L-NBL)
290.4	LF	***.***" DIA DRILLED PIERS IN SOIL (4'-6")
63.6	LF	***.***" DIA DRILLED PIERS NOT IN SOIL (4'-6")
300	LF	PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (4'-6")
6	EA	SID INSPECTION
6	EA	SPT TESTING
6	EA	CROSSHOLE SONIC LOGGING
1,460	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
34,540	SF	REINFORCED CONCRETE DECK SLAB
31,868	SF	GROOVING BRIDGE FLOORS
310.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (434+27.00 -L-NBL)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (434+27.00 -L-SBL)
80,960	LB	REINFORCING STEEL (BRIDGE)
10,907	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
4,353.34	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1,100	LF	HP14X73 STEEL PILES
1,753.34	LF	CONCRETE BARRIER RAIL
708	TON	RIP RAP CLASS II (2'-0" THICK)
788	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (434+27.00 -L-NBL)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081021 012

CONTRACT ID : C201964 33619.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.136 MI

COUNTY : STANLY

GRADING, DRAINAGE, PAVING, & CULVERT.

DBE GOAL 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER SCALY BARK CREEK AND APPROACHES ON SR-1963 (ST MARTIN RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
300	CY	UNDERCUT EXCAVATION
350	TON	CLASS IV SUBGRADE STABILIZATION
280	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
26	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
230	SY	INCIDENTAL MILLING
240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
33	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
675	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
95	TON	RIP RAP, CLASS I
135	TON	RIP RAP, CLASS B
1,930	SY	FILTER FABRIC FOR DRAINAGE
347	SF	WORK ZONE SIGNS (STATIONARY)
107	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
14	EA	DRUMS
14	EA	CONES
136	LF	BARRICADES (TYPE III)
311	LF	12" WATER LINE
2	EA	12" VALVE
1	EA	RELOCATE WATER METER
245	LF	ABANDON 12" UTILITY PIPE
95	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
95	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
1,755	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
70	TON	STONE FOR EROSION CONTROL, CLASS B
20	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
400	LF	SAFETY FENCE
490	CY	SILT EXCAVATION
6,390	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
75	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
300	CY	STILLING BASINS
195	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
4.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING

0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
280	LF	IMPERVIOUS DIKE
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

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

52	LF	18" RC PIPE CULVERTS, CLASS III
		*** OR ***
52	LF	***" HDPE PIPE CULVERTS (18")
		*** OR ***
52	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+48.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+48.00-L-)
146	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
203.9	CY	CLASS A CONCRETE (CULVERT)
36,132	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081021 013

CONTRACT ID : C201898 33704.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.305 MI

COUNTY : CABARRUS

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : MAY 15 2010

BRIDGE OVER CODDLE CREEK AND APPROACHES ON SR-1394.

		ROADWAY ITEMS			
			96	SF	WORK ZONE SIGNS (PORTABLE)
			57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			15	EA	DRUMS
Lump Sum	LS	MOBILIZATION	96	LF	BARRICADES (TYPE III)
Lump Sum	LS	CONSTRUCTION SURVEYING	160	HR	FLAGGER
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+20.58)	25	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	GRADING	3,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	5,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	1,175	CY UNDERCUT EXCAVATION	150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
	1,250	TON CLASS IV SUBGRADE STABILIZATION	40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
	310	CY DRAINAGE DITCH EXCAVATION	4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
	500	CY SELECT GRANULAR MATERIAL	840	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
	1,250	SY FABRIC FOR SOIL STABILIZATION	8,780	LF	PAINT PAVEMENT MARKING LINES (4")
	170	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	150	LF	PAINT PAVEMENT MARKING LINES (8")
	20	LF 15" RC PIPE CULVERTS, CLASS III	40	LF	PAINT PAVEMENT MARKING LINES (24")
	228	LF 18" RC PIPE CULVERTS, CLASS III	4	EA	PAINT PAVEMENT MARKING SYMBOL
	32	LF 24" RC PIPE CULVERTS, CLASS III	25	EA	PERMANENT RAISED PAVEMENT MARKERS
	52	LF 30" RC PIPE CULVERTS, CLASS III	1,263	LF	24" WATER LINE
	88	LF 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	2	EA	6" VALVE
	72	LF 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	2	EA	24" VALVE
	4	EA 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	1	EA	RECONNECT WATER METER
	2	EA 18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	1	EA	RELOCATE FIRE HYDRANT
	221	LF PIPE REMOVAL	893	LF	8" SANITARY GRAVITY SEWER
	120	TON INCIDENTAL STONE BASE	4	EA	4' DIA UTILITY MANHOLE
	1,665	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA	5' DIA UTILITY MANHOLE
	1,095	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	9	LF	UTILITY MANHOLE WALL, 4' DIA
	775	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C	5	LF	UTILITY MANHOLE WALL, 5' DIA
	124	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1,179	LF	ABANDON 24" UTILITY PIPE
	47	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	4	EA	ABANDON UTILITY MANHOLE
	50	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	70	LF	36" ENCASMENT PIPE
	115	CY SUBDRAIN EXCAVATION	35	LF	TRENCHLESS INSTALLATION OF 36" IN SOIL
	85	CY SUBDRAIN FINE AGGREGATE	35	LF	TRENCHLESS INSTALLATION OF 36" NOT IN SOIL
	500	LF 6" PERFORATED SUBDRAIN PIPE	5	EA	STEEL PILE PIERS
	15	EA 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	1,400	LF	TEMPORARY SILT FENCE
	1	EA CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	75	TON	STONE FOR EROSION CONTROL, CLASS A
	6	LF 6" OUTLET PIPE (SUBDRAINS)	240	TON	STONE FOR EROSION CONTROL, CLASS B
	5	EA MASONRY DRAINAGE STRUCTURES	285	TON	SEDIMENT CONTROL STONE
	5	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	4.5	ACR	TEMPORARY MULCHING
	400	LF 2'-6" CONCRETE CURB & GUTTER	200	LB	SEED FOR TEMPORARY SEEDING
	450	LF STEEL BM GUARDRAIL	1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
	50	LF STEEL BM GUARDRAIL, SHOP CURVED	65	LF	TEMPORARY SLOPE DRAINS
	5	EA ADDITIONAL GUARDRAIL POSTS	2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	1	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1	300	LF	SAFETY FENCE
	2	EA GUARDRAIL ANCHOR UNITS, TYPE III	805	CY	SILT EXCAVATION
	3	EA GUARDRAIL ANCHOR UNITS, TYPE 350	2,450	SY	MATTING FOR EROSION CONTROL
	2	EA GUARDRAIL ANCHOR UNITS, TYPE B-77	25	SY	COIR FIBER MAT
	187.5	LF TEMPORARY STEEL BM GUARDRAIL	120	LF	1/4" HARDWARE CLOTH
	2	EA GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	8	EA	SPECIAL STILLING BASINS
	255	TON RIP RAP, CLASS B	195	LF	WATTLE
	1,570	SY FILTER FABRIC FOR DRAINAGE	72	LB	POLYACRYLAMIDE (PAM)
	437	SF WORK ZONE SIGNS (STATIONARY)	165	LF	COIR FIBER BAFFLES
			4	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
			125	LB	SEED FOR SUPPLEMENTAL SEEDING
			3.5	TON	FERTILIZER TOPDRESSING

2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
420	LF	SIGNAL CABLE
3	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
290	LF	MESSENGER CABLE (1/4")
650	LF	UNPAVED TRENCHING (*****) (1, 2")
4	EA	JUNCTION BOX (STANDARD SIZE)
2	EA	WOOD POLE
4	EA	GUY ASSEMBLY
220	LF	INDUCTIVE LOOP SAWCUT
990	LF	LEAD-IN CABLE (*****) (14-2)
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
5	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+20.50-L-)
34.5	LF	3'-6" DIA DRILLED PIERS IN SOIL
25	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
10	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
7,107	SF	REINFORCED CONCRETE DECK SLAB
6,299	SF	GROOVING BRIDGE FLOORS
93.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+20.50-L-)
19,306	LB	REINFORCING STEEL (BRIDGE)
2,217	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
905.63	LF	45" PRESTRESSED CONCRETE GIRDERS
475	LF	HP12X53 STEEL PILES
175.58	LF	THREE BAR METAL RAIL
183.31	LF	CONCRETE BARRIER RAIL
329	TON	RIP RAP CLASS II (2'-0" THICK)
376	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081021 014

CONTRACT ID : C201963 32574.3.7

DIV OFFICE SYLVA

LENGTH = 3.920 MI

COUNTY : CLAY

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 7.0% COMPLETION DATE : NOV 01 2010

US-64 FROM EAST OF HIWASSEE RIVER TO EAST OF NC-175.

ROADWAY ITEMS

			13,300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			14,925	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			1,700	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
			1,675	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
			500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
			14	CY	ENDWALLS
			30	CY	REINFORCED ENDWALLS
			2	CY	PIPE COLLARS
			0.3	CY	PIPE PLUGS
			120	CY	FLOWABLE FILL
			79	EA	MASONRY DRAINAGE STRUCTURES
			50	CY	MASONRY DRAINAGE STRUCTURES
			5	LF	MASONRY DRAINAGE STRUCTURES
			48	EA	FRAME WITH TWO GRATES, STD 840.24
			27	EA	FRAME WITH TWO GRATES, STD 840.29
			7	EA	FRAME WITH COVER, STD 840.54
			2,150	LF	SHOULDER BERM GUTTER
			2,500	LF	CONCRETE EXPRESSWAY GUTTER
			340	SY	6" CONCRETE DRIVEWAY
			117	SY	4" CONCRETE PAVED DITCH
			12,025	LF	STEEL BM GUARDRAIL
			1,450	LF	STEEL BM GUARDRAIL, SHOP CURVED
			10	EA	ADDITIONAL GUARDRAIL POSTS
			32	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			25	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			4,725	LF	REMOVE EXISTING GUARDRAIL
			950	LF	** STRAND BARBED WIRE FENCE WITH POSTS (2)
			1	EA	DOUBLE GATES, *** HIGH, ** WIDE, ** OPENING (48", 10', 20')
			600	LF	GENERIC FENCING ITEM REMOVE & RESET 48" WOOD FENCE
			210	TON	RIP RAP, CLASS I
			585	TON	RIP RAP, CLASS B
			4,550	SY	FILTER FABRIC FOR DRAINAGE
			1,656	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			4	EA	SIGN ERECTION, TYPE D
			53	EA	SIGN ERECTION, TYPE E
			12	EA	SIGN ERECTION, TYPE F
			11	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
			44	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			1	EA	DISPOSAL OF SIGN, D, E OR F
			300	SF	WORK ZONE SIGNS (STATIONARY)
			200	SF	WORK ZONE SIGNS (PORTABLE)
			100	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW PANELS, TYPE C
			8	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
			300	EA	DRUMS
			100	EA	CONES
			120	LF	BARRICADES (TYPE III)
			1,100	MD	FLAGGER
			600	LF	WATER FILLED BARRIER
			285	EA	TEMPORARY RAISED PAVEMENT MARKERS
			33	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			270,210	LF	PAINT PAVEMENT MARKING LINES (4")
			1,050	LF	PAINT PAVEMENT MARKING LINES (24")
			10	EA	PAINT PAVEMENT MARKING SYMBOL
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
208,000	CY	UNCLASSIFIED EXCAVATION			
5,250	CY	UNDERCUT EXCAVATION			
10,300	TON	CLASS IV SUBGRADE STABILIZATION			
3,050	SY	PRE-SPLITTING OF ROCK			
3,920	CY	DRAINAGE DITCH EXCAVATION			
2,600	LF	BERM DITCH CONSTRUCTION			
12,570	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
6	HR	PROOF ROLLING			
1,000	CY	SELECT GRANULAR MATERIAL			
23,600	SY	FABRIC FOR SOIL STABILIZATION			
911	SF	TEMPORARY SHORING			
6,405	SY	GENERIC GRADING ITEM ROCK PLATING			
1,217	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
56	LF	15" SIDE DRAIN PIPE			
148	LF	42" RC PIPE CULVERTS, CLASS III			
24	LF	48" RC PIPE CULVERTS, CLASS III			
44	LF	54" RC PIPE CULVERTS, CLASS III			
28	LF	60" RC PIPE CULVERTS, CLASS III			
84	LF	66" RC PIPE CULVERTS, CLASS III			
18	EA	*** PIPE END SECTION (15")			
2	EA	*** PIPE END SECTION (18")			
5	EA	*** PIPE END SECTION (24")			
92	LF	15" CS PIPE CULVERTS, 0.064" THICK			
60	LF	18" CS PIPE CULVERTS, 0.064" THICK			
24	LF	30" CS PIPE CULVERTS, 0.079" THICK			
6	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")			
332	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
152	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
276	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
152	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK			
16	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
4	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
6	EA	24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
4	EA	30" BIT COAT CS PIPE ELBOWS, TYPE B 0.079" THICK			
80	LF	*** WELDED STEEL PIPE IN SOIL (42")			
80	LF	*** WELDED STEEL PIPE NOT IN SOIL (42")			
1,400	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
2,000	TON	STABILIZER AGGREGATE			
30,100	TON	AGGREGATE BASE COURSE			
10,000	TON	INCIDENTAL STONE BASE			
14,000	CY	SHOULDER BORROW			
17,500	GAL	PRIME COAT			
1,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			

90,070	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
600	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)
350	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
82,800	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
330	EA	SNOWBLOWABLE PAVEMENT MARKERS
1	EA	4" VALVE
2	EA	8" VALVE
198	LF	*** FORCE MAIN SEWER (2-1/2")
120	LF	2" FORCE MAIN SEWER
3,151	LF	8" FORCE MAIN SEWER
3,223	LF	ABANDON 8" UTILITY PIPE
20,000	LF	TEMPORARY SILT FENCE
2,700	TON	STONE FOR EROSION CONTROL, CLASS A
4,925	TON	STONE FOR EROSION CONTROL, CLASS B
4,900	TON	SEDIMENT CONTROL STONE
49.5	ACR	TEMPORARY MULCHING
2,100	LB	SEED FOR TEMPORARY SEEDING
10	TON	FERTILIZER FOR TEMPORARY SEEDING
825	LF	TEMPORARY SLOPE DRAINS
22	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,950	LF	SAFETY FENCE
31,275	CY	SILT EXCAVATION
34,000	SY	MATTING FOR EROSION CONTROL
130	SY	COIR FIBER MAT
11,355	SY	PERMANENT SOIL REINFORCEMENT MAT
4,550	LF	1/4" HARDWARE CLOTH
150	LF	*** TEMPORARY PIPE (15")
4	EA	SPECIAL STILLING BASINS
950	LF	WATTLE
520	LB	POLYACRYLAMIDE (PAM)
3,800	LF	COIR FIBER BAFFLES
7	EA	*** SKIMMER (1-1/2")
13	EA	*** SKIMMER (2")
1	EA	*** SKIMMER (2-1/2")
65.5	ACR	SEEDING & MULCHING
36	ACR	MOWING
450	LB	SEED FOR REPAIR SEEDING
1.25	TON	FERTILIZER FOR REPAIR SEEDING
1,425	LB	SEED FOR SUPPLEMENTAL SEEDING
42.75	TON	FERTILIZER TOPDRESSING
100	LF	IMPERVIOUS DIKE
30.5	HR	SPECIALIZED HAND MOWING
45	EA	RESPONSE FOR EROSION CONTROL
3	EA	SOIL NAIL VERIFICATION TESTS
40	EA	SOIL NAIL PROOF TESTS
40	EA	GENERIC RETAINING WALL ITEM SUPPLEMENTAL SOIL NAILS
5,100	SY	GENERIC RETAINING WALL ITEM SOIL NAIL SLOPE STABILIZATION

648	LF	***" HDPE PIPE CULVERTS (18")
264	LF	***" HDPE PIPE CULVERTS (24")
444	LF	***" HDPE PIPE CULVERTS (30")
		*** OR ***
1,540	LF	15" RC PIPE CULVERTS, CLASS III
500	LF	18" RC PIPE CULVERTS, CLASS III
1,248	LF	24" RC PIPE CULVERTS, CLASS III
672	LF	30" RC PIPE CULVERTS, CLASS III
3,152	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
648	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")
264	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")
444	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (30", 0.079")

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (191+65.92-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (201+86.00-L-)
35	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
76	CY	CLASS A CONCRETE (CULVERT)
8,462	LB	REINFORCING STEEL (CULVERT)

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

4,692	LF	15" RC PIPE CULVERTS, CLASS III
1,148	LF	18" RC PIPE CULVERTS, CLASS III
1,512	LF	24" RC PIPE CULVERTS, CLASS III
1,116	LF	30" RC PIPE CULVERTS, CLASS III
		*** OR ***
1,540	LF	15" RC PIPE CULVERTS, CLASS III
500	LF	18" RC PIPE CULVERTS, CLASS III
1,248	LF	24" RC PIPE CULVERTS, CLASS III
672	LF	30" RC PIPE CULVERTS, CLASS III
3,152	LF	***" HDPE PIPE CULVERTS (15")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081021 015

CONTRACT ID : C201777 34427.3.1

DIV OFFICE SYLVA

LENGTH = 0.881 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING & SIGNALS.

MBE GOAL 1.0% WBE 5.0% COMPLETION DATE : NOV 15 2009

SR-1323 (RIVERVIEW ST) FROM US-441 BUS TO NC-28.

Lump Sum		ROADWAY ITEMS				
	LS	MOBILIZATION		40	TON	RIP RAP, CLASS II
	LS	GRADING		40	TON	RIP RAP, CLASS B
	1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	210	SY	FILTER FABRIC FOR DRAINAGE
4,100	CY		UNDERCUT EXCAVATION	1,536	SF	WORK ZONE SIGNS (STATIONARY)
3,000	TON		CLASS IV SUBGRADE STABILIZA- TION	144	SF	WORK ZONE SIGNS (PORTABLE)
90	CY		DRAINAGE DITCH EXCAVATION	314	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
5,400	LF		BERM DITCH CONSTRUCTION	225	EA	DRUMS
3,000	CY		SELECT GRANULAR MATERIAL	125	EA	CONES
4,500	SY		FABRIC FOR SOIL STABILIZATION	208	LF	BARRICADES (TYPE III)
170	TON		FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	480	MD	FLAGGER
140	LF		15" SIDE DRAIN PIPE	96	EA	TEMPORARY RAISED PAVEMENT MARKERS
275	LF		18" SIDE DRAIN PIPE	9,947	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
810	LF		18" RC PIPE CULVERTS, CLASS III	12,638	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
75	LF		24" RC PIPE CULVERTS, CLASS III	547	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
100	LF		42" RC PIPE CULVERTS, CLASS III	91	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
92	LF		**** X **** BIT COAT CS PIPE ARCH CULVERTS, TYPE B **** THICK (142" X 91", 0.138")	18	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
100	LF		**** X **** BIT COAT CS PIPE ARCH CULVERTS, TYPE B **** THICK (64" X 43", 0.109")	32,800	LF	PAINT PAVEMENT MARKING LINES (4")
126	LF		**** X **** BIT COAT CS PIPE ARCH CULVERTS, TYPE B **** THICK (73" X 55", 0.109")	208	EA	SNOWFLOWABLE PAVEMENT MARKERS
545	LF		PIPE REMOVAL	1,826	LF	6" WATER LINE
493	TON		INCIDENTAL STONE BASE	5	EA	6" VALVE
6,950	SY		MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	3	EA	RELOCATE WATER METER
3,710	TON		ASPHALT CONC BASE COURSE, TYPE B25.0B	1	EA	FIRE HYDRANT
3,530	TON		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1	EA	RELOCATE FIRE HYDRANT
2,980	TON		ASPHALT CONC SURFACE COURSE, TYPE S9.5B	768.8	LF	8" SANITARY GRAVITY SEWER
505	TON		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	7	EA	4' DIA UTILITY MANHOLE
224	CY		SUBDRAIN EXCAVATION	27	LF	UTILITY MANHOLE WALL, 4' DIA
168	CY		SUBDRAIN FINE AGGREGATE	619	LF	ABANDON 8" UTILITY PIPE
1,000	LF		6" PERFORATED SUBDRAIN PIPE	2	EA	ABANDON UTILITY MANHOLE
30	EA		6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	670	LF	TEMPORARY SILT FENCE
2	EA		CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	160	TON	STONE FOR EROSION CONTROL, CLASS A
12	LF		6" OUTLET PIPE (SUBDRAINS)	430	TON	STONE FOR EROSION CONTROL, CLASS B
4.2	CY		ENDWALLS	495	TON	SEDIMENT CONTROL STONE
18.3	CY		REINFORCED ENDWALLS	15.5	ACR	TEMPORARY MULCHING
10	CY		FLOWABLE FILL	550	LB	SEED FOR TEMPORARY SEEDING
10	EA		MASONRY DRAINAGE STRUCTURES	2.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
5	CY		MASONRY DRAINAGE STRUCTURES	470	LF	TEMPORARY SLOPE DRAINS
1	EA		FRAME WITH GRATE, STD 840.22	13	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
3	EA		FRAME WITH TWO GRATES, STD 840.22	1,800	LF	SAFETY FENCE
9	EA		FRAME WITH TWO GRATES, STD 840.29	2,520	CY	SILT EXCAVATION
310	LF		2'-6" CONCRETE CURB & GUTTER	5,290	SY	MATTING FOR EROSION CONTROL
2,730	LF		CONCRETE EXPRESSWAY GUTTER	100	SY	COIR FIBER MAT
10	SY		6" CONCRETE DRIVEWAY	1,395	SY	PERMANENT SOIL REINFORCEMENT MAT
3,162.5	LF		STEEL BM GUARDRAIL	820	LF	1/4" HARDWARE CLOTH
87.5	LF		STEEL BM GUARDRAIL, SHOP CURVED	45	LF	*** TEMPORARY PIPE (18")
18	EA		ADDITIONAL GUARDRAIL POSTS	405	LF	COIR FIBER BAFFLES
2	EA		GUARDRAIL ANCHOR UNITS, TYPE AT-1	16	EA	*** SKIMMER (3")
16	EA		GUARDRAIL ANCHOR UNITS, TYPE 350	15.5	ACR	SEEDING & MULCHING
50	TON		RIP RAP, CLASS I	9.5	ACR	MOWING
				150	LB	SEED FOR REPAIR SEEDING
				0.5	TON	FERTILIZER FOR REPAIR SEEDING
				375	LB	SEED FOR SUPPLEMENTAL SEEDING
				11.5	TON	FERTILIZER TOPDRESSING
				7.5	HR	SPECIALIZED HAND MOWING
				36	EA	RESPONSE FOR EROSION CONTROL
				810	LF	SIGNAL CABLE
				8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
				30	LF	PAVED TRENCHING (***** (1, 2")
				660	LF	UNPAVED TRENCHING (***** (1, 2")
				200	LF	DIRECTIONAL DRILL (***** (2, 2")

8	EA	JUNCTION BOX (STANDARD SIZE)
625	LF	INDUCTIVE LOOP SAWCUT
1,150	LF	LEAD-IN CABLE (*****) (14-2)
2	EA	METAL POLE WITH SINGLE MAST ARM
1	EA	METAL POLE WITH DUAL MAST ARM
3	EA	SOIL TEST
18	CY	DRILLED PIER FOUNDATION
3	EA	MAST ARM WITH METAL POLE DE- SIGN
1	EA	SIGN FOR SIGNALS
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
3	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081118 001

CONTRACT ID : C201976 34414.3.4

DIV OFFICE GREENVILLE

LENGTH = 9.529 KM

COUNTY : CRAVEN, JONES

WIDEN, GRADING, DRAINAGE, PAVING, SIGNAL, SIGNING & STR.

DBE GOAL 10.0% COMPLETION DATE : NOV 01 2011

US-17 (NEW BERN BYPASS) FROM US-17 SOUTH OF NEW BERN TO US-70.

ROADWAY ITEMS				
		5,420	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
		5,770	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS MOBILIZATION	50,570	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS FIELD OFFICE			
2,500	M2 GENERIC MISCELLANEOUS ITEM FABRIC FOR EMBANKMENT STABILIZATION	3,035	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	LS CLEARING & GRUBBING .. HECTA(S)	500	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
2	HA SUPPLEMENTARY CLEARING & GRUBBING	42,140	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+20.000 NBL)	238	M3	SUBDRAIN EXCAVATION
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+20.000 SBL)	396	M3	SUBDRAIN FINE AGGREGATE
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+20.000 SBL)	2,870	M	150MM PERFORATED SUBDRAIN PIPE
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+04.000 NBL)	287	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+04.000 NBL)	20	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+04.000 SBL)	40	M	150MM OUTLET PIPE (SUBDRAINS)
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+04.000 SBL)	121.5	M3	ENDWALLS
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+04.000 SBL)	41.2	M3	REINFORCED ENDWALLS
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+94.000 NBL)	1	M3	PIPE COLLARS
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+94.000 SBL)	63	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+94.000 SBL)	5.3	M	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+94.000 SBL)	5	EA	FRAME WITH TWO GRATES, STD 840.16
22,600	M3 UNDERCUT EXCAVATION	10	EA	FRAME WITH TWO GRATES, STD 840.20
500	MTN CLASS IV SUBGRADE STABILIZATION	38	EA	FRAME WITH TWO GRATES, STD 840.22
1,770	M3 DRAINAGE DITCH EXCAVATION	4	EA	FRAME WITH TWO GRATES, STD 840.24
800	M2 REMOVAL OF EXISTING ASPHALT PAVEMENT	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
65	HR PROOF ROLLING	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
29,500	M2 FABRIC FOR SOIL STABILIZATION	1	EA	FRAME WITH COVER, STD 840.54
32,000	M3 GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	940	M	750MM CONCRETE CURB & GUTTER
2,485	MTN FOUNDATION CONDITIONING MATERIAL, MINOR STRS	35	M	SHOULDER BERM GUTTER
111.6	M 450MM SIDE DRAIN PIPE	550	M	CONCRETE EXPRESSWAY GUTTER
24	M 600MM SIDE DRAIN PIPE	320	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1,384.8	M 375MM RC PIPE CULVERTS, CLASS III	4	EA	IMPACT ATTENUATOR UNIT, TYPE 350
117.6	M 450MM RC PIPE CULVERTS, CLASS III	2,749	M	STEEL BM GUARDRAIL
81.6	M 600MM RC PIPE CULVERTS, CLASS III	16	M	STEEL BM GUARDRAIL, SHOP CURVED
574.8	M 750MM RC PIPE CULVERTS, CLASS III	25	EA	ADDITIONAL GUARDRAIL POSTS
592.8	M 900MM RC PIPE CULVERTS, CLASS III	19	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
870	M 1050MM RC PIPE CULVERTS, CLASS III	22	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,634.4	M 1200MM RC PIPE CULVERTS, CLASS III	4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
316.8	M 1350MM RC PIPE CULVERTS, CLASS III	21	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
121.2	M 1500MM RC PIPE CULVERTS, CLASS III	7,760	M	DOUBLE FACED CABLE GUIDERAIL
105.2	M 1650MM RC PIPE CULVERTS, CLASS III	6	EA	ADDITIONAL GUIDERAIL POSTS
282	M *****MM RC PIPE CULVERTS, CLASS IV (1200MM)	22	EA	CABLE GUIDERAIL ANCHOR UNITS
272.4	M ***MM BIT COAT CS PIPE CULVERTS, TYPE A *****MM THICK (400MM, 1.63MM)	19,790	M	WOVEN WIRE FENCE, 1200MM FABRIC
37.2	M ***MM BIT COAT CS PIPE CULVERTS, TYPE A *****MM THICK (450MM, 1.63MM)	4,240	EA	100MM TIMBER FENCE POSTS, ****M LONG (2.3M)
14	EA ***MM BIT COAT CS PIPE ELBOWS, TYPE A *****MM THICK (400MM, 1.63MM)	730	EA	125MM TIMBER FENCE POSTS, ****M LONG (2.4M)
90	M PIPE REMOVAL	200	M	ADDITIONAL BARBED WIRE
305	M2 150MM SLOPE PROTECTION	335	MTN	RIP RAP, CLASS I
Lump Sum	LS FINE GRADING	470	MTN	RIP RAP, CLASS B
12,500	MTN STABILIZER AGGREGATE	5,920	M2	FILTER FABRIC FOR DRAINAGE
1,000	MTN INCIDENTAL STONE BASE	17	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
		16	M3	REINFORCED CONCRETE SIGN FOUNDATIONS
		83	M3	OVERHEAD FOOTING
		6,113	KG	SUPPORTS, BREAKAWAY STEEL BEAM

			40	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	
			5,381	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)	
52	M	SUPPORTS, 4.5-KG STEEL U-CHANN EL				
26	EA	SUPPORTS, 3-KG STEEL U-CHANNEL	728	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (150MM) (III)	
828	M	SUPPORTS, WOOD				
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (14+00 -Y4-)	7,064	M	PAINT PAVEMENT MARKING LINES (100MM)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (18+10 -Y1-)	1,779	M	PAINT PAVEMENT MARKING LINES (150MM)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+20 -Y4-)	278	M	PAINT PAVEMENT MARKING LINES (200MM)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (20+50 -Y1-)	10	M	PAINT PAVEMENT MARKING LINES (600MM)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+60 -Y4-)	27	EA	PAINT PAVEMENT MARKING CHARACTER	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (3+80 -Y4-)	10	EA	PAINT PAVEMENT MARKING SYMBOL	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (8+60 -Y4-)	2,400	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (9+60 -Y4-)	737	EA	SNOWFLOWABLE PAVEMENT MARKERS	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (96+20 -L-)	4	EA	2.1M U-CHANNEL POSTS	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (96+20 -L-)	130	EA	FLEXIBLE DELINEATORS (CRYSTAL)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (96+20 -L-)	35	EA	FLEXIBLE DELINEATORS (YELLOW & RED)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (96+20 -L-)	4	EA	OBJECT MARKERS (END OF ROAD)	
4	EA	SIGN ERECTION, TYPE D	858	M	150MM WATER LINE	
90	EA	SIGN ERECTION, TYPE E	575	M	400MM WATER LINE	
38	EA	SIGN ERECTION, TYPE F	295	M	750MM ENCASEMENT PIPE	
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	21	M	TRENCHLESS INSTALLATION OF 150MM IN SOIL	
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	21	M	TRENCHLESS INSTALLATION OF 150MM NOT IN SOIL	
26	EA	SIGN ERECTION, MILEMARKERS	60,500	M	TEMPORARY SILT FENCE	
4	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	2,800	MTN	STONE FOR EROSION CONTROL, CLASS A	
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	14,440	MTN	STONE FOR EROSION CONTROL, CLASS B	
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	7,515	MTN	SEDIMENT CONTROL STONE	
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	209.5	HA	TEMPORARY MULCHING	
10	EA	DISPOSAL OF SUPPORT, WOOD	3,750	KG	SEED FOR TEMPORARY SEEDING	
9	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	30.25	MTN	FERTILIZER FOR TEMPORARY SEEDING	
12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3,200	M	TEMPORARY SLOPE DRAINS	
44	EA	DISPOSAL OF SIGN SYSTEM, WOOD	102	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
50	M2	WORK ZONE SIGNS (STATIONARY)	8,300	M	SAFETY FENCE	
45	M2	WORK ZONE SIGNS (PORTABLE)	15,315	M3	SILT EXCAVATION	
7	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	19,600	M2	MATTING FOR EROSION CONTROL	
2	EA	FLASHING ARROW PANELS, TYPE C	30	M2	COIR FIBER MAT	
2	EA	CHANGEABLE MESSAGE SIGN	700	M2	PERMANENT SOIL REINFORCEMENT MAT	
420	EA	DRUMS	1,700	M	6.4MM HARDWARE CLOTH	
30	EA	CONES	230	M	WATTLE	
145	M	BARRICADES (TYPE III)	147	KG	POLYACRYLAMIDE (PAM)	
200	MD	FLAGGER	1,400	M	COIR FIBER BAFFLES	
6	EA	TEMPORARY CRASH CUSHIONS	313	HA	SEEDING & MULCHING	
2	EA	RESET TEMPORARY CRASH CUSHIONS	195.5	HA	MOWING	
2	EA	TMIA	4,225	KG	SEED FOR REPAIR SEEDING	
1,700	M	PORTABLE CONCRETE BARRIER	14.25	MTN	FERTILIZER FOR REPAIR SEEDING	
1,700	M	PORTABLE CONCRETE BARRIER (DRAINAGE)	4,400	KG	SEED FOR SUPPLEMENTAL SEEDING	
32	HR	POLICE	262.75	MTN	FERTILIZER TOPDRESSING	
75	EA	TUBULAR MARKERS (FIXED)	5	HR	SPECIALIZED HAND MOWING	
180	EA	TEMPORARY RAISED PAVEMENT MARKERS	54	EA	RESPONSE FOR EROSION CONTROL	
2,766	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	1	HA	REFORESTATION	
1,415	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	585	M	SIGNAL CABLE	
47,180	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)	12	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	
5,725	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)	225	M	MESSENGER CABLE (9.52MM)	
16	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	280	M	UNPAVED TRENCHING (***** (1.50MM)	
1,082	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)	4	EA	JUNCTION BOX (STANDARD SIZE)	
52	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	380	M	INDUCTIVE LOOP SAWCUT	
			545	M	LEAD-IN CABLE (***** (14-2)	
			4	EA	METAL STRAIN SIGNAL POLE	
			4	EA	SOIL TEST	
			20	M3	DRILLED PIER FOUNDATION	
			2	EA	SIGN FOR SIGNALS	
			1	EA	SIGNAL CABINET FOUNDATION	
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			5	EA	DETECTOR CARD (TYPE 2070L)	
			1	EA	CABINET BASE EXTENDER	
			2,016,900	M3	BORROW EXCAVATION	***** BEGIN SCHEDULE AA *****
Lump Sum	LS	GENERIC GRADING ITEM UNCLASSIFIED EXCAVATION				***** (2 ALTERNATES) *****

7,520	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
77,850	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
46,610	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
6,465	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
*** OR ***		
1,932,950	M3	BORROW EXCAVATION
Lump Sum	LS	GENERIC GRADING ITEM UNCLASSIFIED EXCAVATION
149,900	MTN	AGGREGATE BASE COURSE
77,390	L	PRIME COAT
50	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
37,800	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
33,570	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
3,810	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22

*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (18+22.000 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 96+94.475 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 96+94.475 -L- RT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+22.000 -L- LT)
5,659.4	M2	REINFORCED CONCRETE DECK SLAB
6,002.3	M2	GROOVING BRIDGE FLOORS
541	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+22.000 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+22.000 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+04.517 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+04.517-L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (96+94.475 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (96+94.475 -L- RT)
47,124	KG	REINFORCING STEEL (BRIDGE)
1,466	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
746.16	M	MODIFIED 1829MM PRESTRESSED CONC GIRDBERS
623,800	LS	APPROX KG STRUCTURAL STEEL
3,678	M	HP310X79 STEEL PILES
955	M	HP360X108 GALVANIZED STEEL PILES
78	EA	PILE REDRIVES
760,395	M	CONCRETE BARRIER RAIL
2,282	M2	100MM SLOPE PROTECTION
659	MTN	RIP RAP CLASS II (600MM THICK)
672	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS