




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 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

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
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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

MICHAEL F. EASLEY
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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
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SECRETARY

October 23, 2007

MEMORANDUM TO: Prospective Bidders
FROM: R. A. Garris, P.E. *R. A. Garris*
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.

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RALEIGH, NORTH CAROLINA 27699-1591

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FAX: 919-250-4127
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LOCATION:
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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 JANUARY 20, 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 DECEMBER 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 L090120

RPN	Contract Id	WBS	County	Length	JobType
001	C202149	38989.3.6	LENOIR	1.301 MI	GRADING, DRAINAGE, AND PAVING.
002	C202119	40325.3.22	CUMBERLAND	0.554 MI	GRADING, DRAINAGE, MILLING, PAVING AND SIGNALS.
003	C202048	33682.3.1	ALAMANCE	0.161 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C202047	33790.3.1	ORANGE	0.170 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C202046	33796.3.1	RANDOLPH	0.445 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
006	C202022	33346.3.1	SURRY	0.168 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C202049	33524.3.1	LINCOLN	0.151 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C202195	39972.3.GV1	MCDOWELL	12.260 MI	PAVEMENT REHABILITATION.
009	C202021	33497.3.1	HENDERSON	0.081 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C202020	33498.3.1	HENDERSON	0.136 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L090120 001

CONTRACT ID : C202149 38989.3.6

DIV OFFICE GREENVILLE

LENGTH = 1.301 MI

COUNTY : LENOIR

GRADING, DRAINAGE, AND PAVING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : DEC 01 2009

SPIRIT WAY AND AEROSYSTEMS BLVD CONSTRUCTION AND EXTENSION IN KINSTON GLOBAL TRANSPARK.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
20,500	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZATION
34,030	SY	FABRIC FOR SOIL STABILIZATION
30,800	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL CLASS III
160	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
206	LF	15" RC PIPE CULVERTS, CLASS III
462	LF	18" RC PIPE CULVERTS, CLASS III
588	LF	36" RC PIPE CULVERTS, CLASS III
220	LF	***** RC PIPE CULVERTS, CLASS IV (108")
242	LF	PIPE REMOVAL
19,700	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
990	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
8,730	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
3,640	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
675	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
336	CY	SUBDRAIN EXCAVATION
252	CY	SUBDRAIN FINE AGGREGATE
1,500	LF	6" PERFORATED SUBDRAIN PIPE
45	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
3	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
18	LF	6" OUTLET PIPE (SUBDRAINS)
0.045	CY	PIPE PLUGS
7	EA	MASONRY DRAINAGE STRUCTURES
11	LF	MASONRY DRAINAGE STRUCTURES
7	EA	FRAME WITH TWO GRATES, STD 840.22
460	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
10	EA	ADJUSTMENT OF MANHOLES
192	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
9,658	LF	TEMPORARY SILT FENCE
90	TON	STONE FOR EROSION CONTROL, CLASS B
144	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
2	TON	FERTILIZER FOR TEMPORARY SEEDING
400	SY	MATting FOR EROSION CONTROL
3,201	LF	1/4" HARDWARE CLOTH
441	LF	WATTLE
4	LB	POLYACRYLAMIDE (PAM)
15.8	ACR	SEEDING & MULCHING
50	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090120 002

CONTRACT ID : C202119 40325.3.22

DIV OFFICE FAYETTEVILLE

LENGTH = 0.554 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, MILLING, PAVING AND SIGNALS.

DBE GOAL 10.0% COMPLETION DATE : NOV 15 2009

SR-2299 (RUSSELL ST) FROM SR-3828 (ROBESON ST) TO SR-2311 (GILLESPIE ST).

Lump Sum		ROADWAY ITEMS			
	LS	MOBILIZATION	590	LF	BARRICADES (TYPE III)
	LS	GRADING	100	LF	WATER FILLED BARRIER
	1	ACR SUPPLEMENTARY CLEARING & GRUB-BING	575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
750	CY	UNDERCUT EXCAVATION	6,255	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,350	TON	CLASS IV SUBGRADE STABILIZATION	260	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,700	SY	FABRIC FOR SOIL STABILIZATION	765	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
300	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	264	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
668	LF	15" RC PIPE CULVERTS, CLASS III	331	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
616	LF	18" RC PIPE CULVERTS, CLASS III	36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1,092	LF	24" RC PIPE CULVERTS, CLASS III	38	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
252	LF	30" RC PIPE CULVERTS, CLASS III	6,698	LF	PAINT PAVEMENT MARKING LINES (4")
84	LF	36" RC PIPE CULVERTS, CLASS III	40	LF	PAINT PAVEMENT MARKING LINES (8")
60	LF	**** HDPE PIPE CULVERTS (36")	120	LF	PAINT PAVEMENT MARKING LINES (24")
60	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (42", 0.625")	16	EA	PAINT PAVEMENT MARKING SYMBOL
708	LF	PIPE REMOVAL	147	EA	SNOWFLOWABLE PAVEMENT MARKERS
100	TON	INCIDENTAL STONE BASE	100	LF	TEMPORARY SILT FENCE
4,215	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	20	TON	SEDIMENT CONTROL STONE
3,015	SY	INCIDENTAL MILLING	100	LF	1/4" HARDWARE CLOTH
4,180	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	8	EA	PEDESTRIAN SIGNAL HEAD (12", 1 SECTION)
3,830	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	1,630	LF	SIGNAL CABLE
3,690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	7	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
360	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
222	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	640	LF	PAVED TRENCHING (***** (1, 2"))
41	CY	FLOWABLE FILL	90	LF	UNPAVED TRENCHING (***** (1, 2"))
42	EA	MASONRY DRAINAGE STRUCTURES	8	EA	JUNCTION BOX (STANDARD SIZE)
2	EA	FRAME WITH TWO GRATES, STD 840.29	1,400	LF	INDUCTIVE LOOP SAWCUT
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	1,300	LF	LEAD-IN CABLE (***** (18-2))
15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	4	EA	METAL POLE WITH SINGLE MAST ARM
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	4	EA	SOIL TEST
12	EA	FRAME WITH COVER, STD 840.54	36	CY	DRILLED PIER FOUNDATION
6	CY	GENERIC DRAINAGE ITEM GROUT	4	EA	MAST ARM WITH METAL POLE DESIGN
1,520	LF	1'-6" CONCRETE CURB & GUTTER	1	EA	SIGN FOR SIGNALS
4,100	LF	2'-6" CONCRETE CURB & GUTTER	5	EA	RELOCATE EXISTING SIGN
2,560	SY	4" CONCRETE SIDEWALK	1	EA	SIGNAL CABINET FOUNDATION
22	EA	CONCRETE WHEELCHAIR RAMPS	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
480	SY	6" CONCRETE DRIVEWAY	8	EA	DETECTOR CARD (TYPE 2070L)
6	EA	ADJUSTMENT OF CATCH BASINS	1	EA	CABINET BASE EXTENDER
23	EA	ADJUSTMENT OF MANHOLES	4	EA	METAL POLE FOUNDATION REMOVAL
70	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	4	EA	METAL POLE REMOVAL
2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	170	LF	GENERIC SIGNAL ITEM RIGID METAL CONDUIT (2 CONDUIT, 2")
1,377	SF	WORK ZONE SIGNS (STATIONARY)	120	LF	GENERIC SIGNAL ITEM RIGID METAL CONDUIT (3 CONDUIT, 2")
87	SF	WORK ZONE SIGNS (PORTABLE)			
503	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
4	EA	CHANGEABLE MESSAGE SIGN			
210	EA	DRUMS			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090120 003

CONTRACT ID : C202048 33682.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.161 MI

COUNTY : ALAMANCE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : AUG 25 2009

BRIDGE OVER TICKLE CREEK AND APPROACHES ON SR-1504.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	EA	SEALING ABANDONED WELLS
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+93.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
45	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
145	SY	GENERIC GRADING ITEM ROCK PLATING
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
24	LF	15" SIDE DRAIN PIPE
22	LF	PIPE REMOVAL
250	TON	INCIDENTAL STONE BASE
320	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
340	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
340	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
52	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
11	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
0.22	LF	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
65	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
50	TON	RIP RAP, CLASS I
280	TON	RIP RAP, CLASS II
605	SY	FILTER FABRIC FOR DRAINAGE
13	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE E
9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
422	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
25	EA	DRUMS
25	EA	CONES
96	LF	BARRICADES (TYPE III)
12	MD	FLAGGER
600	LF	TEMPORARY SILT FENCE
120	TON	STONE FOR EROSION CONTROL, CLASS A
210	TON	STONE FOR EROSION CONTROL, CLASS B
125	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
30	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
430	CY	SILT EXCAVATION
1,600	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
550	SY	PERMANENT SOIL REINFORCEMENT MAT
300	LF	1/4" HARDWARE CLOTH
130	LF	COIR FIBER BAFFLES

3	EA	*** SKIMMER (1-1/2")
12	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
***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
52	LF	15" RC PIPE CULVERTS, CLASS III
*** OR ***		
28	LF	15" RC PIPE CULVERTS, CLASS III
24	LF	*** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
*** OR ***		
28	LF	15" RC PIPE CULVERTS, CLASS III
24	LF	*** HDPE PIPE CULVERTS (15")
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+93.00-L-)
61	LF	PILE EXCAVATION IN SOIL
34	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+93.00-L-)
34.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+93.00-L-)
5,524	LB	REINFORCING STEEL (BRIDGE)
225	LF	HP12X53 STEEL PILES
9	EA	STEEL PILE POINTS
195.5	LF	VERTICAL CONCRETE BARRIER RAIL
550	TON	RIP RAP CLASS II (2'-0" THICK)
610	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,075.25	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090120 004

CONTRACT ID : C202047 33790.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.170 MI

COUNTY : ORANGE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER ENO RIVER AND APPROACHES ON SR-1561.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
120	SY	GENERIC MISCELLANEOUS ITEM ROCK PLATING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (23+85.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
450	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
1,900	CY	BORROW EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	FABRIC FOR SOIL STABILIZATION
25	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
116	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
54	LF	PIPE REMOVAL
150	TON	INCIDENTAL STONE BASE
225	SY	INCIDENTAL MILLING
945	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
300	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
61	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
12	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
5	LF	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.22
1	EA	FRAME WITH TWO GRATES, STD 840.29
10	LF	SHOULDER BERM GUTTER
575	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
10	TON	RIP RAP, CLASS I
100	TON	RIP RAP, CLASS II
16	TON	RIP RAP, CLASS B
820	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
392	SF	WORK ZONE SIGNS (STATIONARY)
131	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
12	EA	DRUMS
108	LF	BARRICADES (TYPE III)
7,200	LF	PAINT PAVEMENT MARKING LINES (4")
12	EA	PERMANENT RAISED PAVEMENT MARKERS
1,100	LF	TEMPORARY SILT FENCE
135	TON	STONE FOR EROSION CONTROL, CLASS A
205	TON	STONE FOR EROSION CONTROL, CLASS B
215	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
230	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
275	LF	SAFETY FENCE
550	CY	SILT EXCAVATION
2,200	SY	MATTING FOR EROSION CONTROL
15	SY	COIR FIBER MAT
50	LF	1/4" HARDWARE CLOTH
6	EA	SPECIAL STILLING BASINS

250	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
12	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
		***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
28	LF	15" RC PIPE CULVERTS, CLASS III
56	LF	18" RC PIPE CULVERTS, CLASS III
		*** OR ***
28	LF	*** HDPE PIPE CULVERTS (15")
56	LF	*** HDPE PIPE CULVERTS (18")
		*** OR ***
28	LF	*** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
56	LF	*** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")
		*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (23+85.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+85.00-L-)
19.5	LF	3'-6" DIA DRILLED PIERS IN SOIL
30	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
13.5	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
705	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
6,003	SF	CONCRETE WEARING SURFACE
6,717	SF	GROOVING BRIDGE FLOORS
62.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+85.00-L-)
14,458	LB	REINFORCING STEEL (BRIDGE)
1,950	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
400	LF	HP12X53 STEEL PILES
380	LF	TWO BAR METAL RAIL
395.5	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 3'-0 3/4")
375	TON	RIP RAP CLASS II (2'-0" THICK)
415	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
2,173.875	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090120 005

CONTRACT ID : C202046 33796.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.445 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : NOV 15 2009

BRIDGE OVER FORK CREEK AND APPROACHES ON SR-2873.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
16,000	CY	UNCLASSIFIED EXCAVATION
950	CY	UNDERCUT EXCAVATION
1,500	TON	CLASS IV SUBGRADE STABILIZA- TION
390	CY	DRAINAGE DITCH EXCAVATION
500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
500	CY	SELECT GRANULAR MATERIAL
1,500	SY	FABRIC FOR SOIL STABILIZATION
Lump Sum	LS	GENERIC GRADING ITEM GRADING OF EXISTING ROAD
60	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
52	LF	15" SIDE DRAIN PIPE
44	LF	15" RC PIPE CULVERTS, CLASS III
56	LF	18" RC PIPE CULVERTS, CLASS III
372	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
84	LF	PIPE REMOVAL
Lump Sum	LS	FINE GRADING
200	TON	AGGREGATE BASE COURSE
225	SY	INCIDENTAL MILLING
1,110	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
670	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
92	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
28	EA	RIGHT OF WAY MARKERS
6	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.24
4	EA	FRAME WITH TWO GRATES, STD 840.29
450	LF	SHOULDER BERM GUTTER
537.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
250	TON	RIP RAP, CLASS B
1,020	SY	FILTER FABRIC FOR DRAINAGE
33	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	SIGN ERECTION, TYPE E
6	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
360	SF	WORK ZONE SIGNS (STATIONARY)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	DRUMS
48	LF	BARRICADES (TYPE III)
18,800	LF	PAINT PAVEMENT MARKING LINES (4")
60	EA	PERMANENT RAISED PAVEMENT MARKERS
2,900	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
330	TON	STONE FOR EROSION CONTROL, CLASS B
150	TON	SEDIMENT CONTROL STONE
8	ACR	TEMPORARY MULCHING
250	LB	SEED FOR TEMPORARY SEEDING
2.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
285	LF	TEMPORARY SLOPE DRAINS

4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
355	LF	SAFETY FENCE
1,300	CY	SILT EXCAVATION
6,400	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
2,050	SY	PERMANENT SOIL REINFORCEMENT MAT
80	LF	1/4" HARDWARE CLOTH
125	LF	WATTLE
50	LB	POLYACRYLAMIDE (PAM)
340	LF	COIR FIBER BAFFLES
3	EA	*** SKIMMER (1-1/2")
10	ACR	SEEDING & MULCHING
3.5	ACR	MOWING
100	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
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (30+85.00-L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
4,972	SF	REINFORCED CONCRETE DECK SLAB
4,407	SF	GROOVING BRIDGE FLOORS
57.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+85.00-L-)
10,693	LB	REINFORCING STEEL (BRIDGE)
664.46	LF	54" PRESTRESSED CONCRETE GIR- DERS
330	LF	HP12X53 STEEL PILES
360	LF	HP14X73 GALVANIZED STEEL PILES
336.615	LF	CONCRETE BARRIER RAIL
1,015	TON	RIP RAP CLASS II (2'-0" THICK)
1,125	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

L090120 006

CONTRACT ID : C202022 33346.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.168 MI

COUNTY : SURRY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER SADDLE MOUNTAIN CREEK AND APPROACHES ON SR-1330.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+69.00-L-)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING
	450	CY UNDERCUT EXCAVATION
	540	CY SELECT GRANULAR MATERIAL
	540	SY FABRIC FOR SOIL STABILIZATION
	15	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	32	LF 15" RC PIPE CULVERTS, CLASS III
	48	LF 18" RC PIPE CULVERTS, CLASS III
	52	LF 24" RC PIPE CULVERTS, CLASS III
	72	LF PIPE REMOVAL
	50	TON INCIDENTAL STONE BASE
	240	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
	72	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	240	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	30	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	45	CY SUBDRAIN EXCAVATION
	34	CY SUBDRAIN FINE AGGREGATE
	200	LF 6" PERFORATED SUBDRAIN PIPE
	6	EA 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
	1	EA CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
	6	LF 6" OUTLET PIPE (SUBDRAINS)
	2	EA MASONRY DRAINAGE STRUCTURES
	2	EA FRAME WITH TWO GRATES, STD 840.29
	60	LF SHOULDER BERM GUTTER
	150	LF STEEL BM GUARDRAIL
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350
	12.5	LF TEMPORARY STEEL BM GUARDRAIL
	1	EA GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
	800	LF ** STRAND BARBED WIRE FENCE WITH POSTS (5)
	100	LF GENERIC FENCING ITEM 60" CHAIN LINK FENCE WITH POSTS AND BARBED WIRE
	545	SY FILTER FABRIC FOR DRAINAGE
	1	EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
	12	TON GENERIC EROSION CONTROL ITEM RIP RAP, CLASS B, NATIVE DARK-COLORED STONE
	80	SF WORK ZONE SIGNS (STATIONARY)
	112	SF WORK ZONE SIGNS (PORTABLE)
	30	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	36	EA DRUMS
	48	LF BARRICADES (TYPE III)
	30	MD FLAGGER
	15,600	LF PAINT PAVEMENT MARKING LINES (4")
	300	LF REMOVAL OF PAVEMENT MARKING LINES (4")
	2,200	LF TEMPORARY SILT FENCE
	160	TON STONE FOR EROSION CONTROL, CLASS A

90	TON	STONE FOR EROSION CONTROL, CLASS B
190	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
40	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
600	LF	SAFETY FENCE
290	CY	SILT EXCAVATION
2,100	SY	MATTING FOR EROSION CONTROL
15	SY	COIR FIBER MAT
220	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
75	LF	WATTLE
27	LB	POLYACRYLAMIDE (PAM)
70	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2')
2	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
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+69.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+69.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+69.00-L-)
30.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+69.00-L-)
5,037	LB	REINFORCING STEEL (BRIDGE)
340	LF	HP12X53 STEEL PILES
14	EA	STEEL PILE POINTS
148.158	LF	ONE BAR METAL RAIL
164.8	LF	1'-***X ***** CONCRETE PARAPET (1'-0" X 1'-10 1/8")
245	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
741.656	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
465	TON	GENERIC STRUCTURE ITEM RIP RAP, CLASS II (2'-0" THICK)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090120 007

CONTRACT ID : C202049 33524.3.1

DIV OFFICE SHELBY

LENGTH = 0.151 MI

COUNTY : LINCOLN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 01 2009

BRIDGE OVER HOWARD'S CREEK AND APPROACHES ON SR-1193.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
Lump Sum	LS	CONSTRUCTION SURVEYING	
5,700	CY	UNCLASSIFIED EXCAVATION	
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (19+00)	
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	
200	CY	UNDERCUT EXCAVATION	
Lump Sum	LS	GRADING	
210	CY	DRAINAGE DITCH EXCAVATION	
800	CY	SELECT GRANULAR MATERIAL	
800	SY	FABRIC FOR SOIL STABILIZATION	
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	
78	LF	15" RC PIPE CULVERTS, CLASS III	
148	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	
48	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	
200	TON	INCIDENTAL STONE BASE	
1,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
515	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	
75	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
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)	
4	EA	MASONRY DRAINAGE STRUCTURES	
1	LF	MASONRY DRAINAGE STRUCTURES	
3	EA	FRAME WITH GRATE, STD 840.24	
1	EA	FRAME WITH GRATE, STD 840.29	
5	EA	ADDITIONAL GUARDRAIL POSTS	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
210	LF	WOVEN WIRE FENCE, 47" FABRIC	
10	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	
20	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	
100	LF	ADDITIONAL BARBED WIRE	
100	LF	BARBED WIRE FENCE RESET REMOVE AND RESET EXISTING 5 STRAND BARBED WIRE FENCING	
135	TON	RIP RAP, CLASS I	
125	TON	RIP RAP, CLASS II	
165	TON	RIP RAP, CLASS B	
1,385	SY	FILTER FABRIC FOR DRAINAGE	
253	SF	WORK ZONE SIGNS (STATIONARY)	
104	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
10	EA	DRUMS	
80	LF	BARRICADES (TYPE III)	
6,480	LF	PAINT PAVEMENT MARKING LINES (4")	
480	LF	TEMPORARY SILT FENCE	
180	TON	STONE FOR EROSION CONTROL, CLASS A	
185	TON	STONE FOR EROSION CONTROL, CLASS B	
175	TON	SEDIMENT CONTROL STONE	
2	ACR	TEMPORARY MULCHING	
50	LB	SEED FOR TEMPORARY SEEDING	
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING	

225	LF	SAFETY FENCE	
600	CY	SILT EXCAVATION	
2,000	SY	MATTING FOR EROSION CONTROL	
25	SY	COIR FIBER MAT	
85	SY	PERMANENT SOIL REINFORCEMENT MAT	
80	LF	1/4" HARDWARE CLOTH	
4	EA	SPECIAL STILLING BASINS	
200	LF	COIR FIBER BAFFLES	
4	EA	*** SKIMMER (1-1/2")	
11	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	
12	EA	RESPONSE FOR EROSION CONTROL	

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (18+85.00-L-)	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+85.00-L-)	
90	LF	PILE EXCAVATION IN SOIL	
32	LF	PILE EXCAVATION NOT IN SOIL	
5.4	LF	3'-6" DIA DRILLED PIERS IN SOIL	
22	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL	
11.4	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER	
1	EA	SID INSPECTION	
1	EA	CROSSHOLE SONIC LOGGING	
880	CY	UNCLASSIFIED STRUCTURE EXCAVATION	
4,395	SF	REINFORCED CONCRETE DECK SLAB	
4,261	SF	GROOVING BRIDGE FLOORS	
56.5	CY	CLASS A CONCRETE (BRIDGE)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+85.00-L-)	
11,127	LB	REINFORCING STEEL (BRIDGE)	
1,169	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	
509	LF	45" PRESTRESSED CONCRETE GIR-DERS	
280	LF	HP12X53 STEEL PILES	
8	EA	STEEL PILE POINTS	
256.667	LF	CONCRETE BARRIER RAIL	
500	TON	RIP RAP CLASS II (2'-0" THICK)	
560	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

L090120 008

CONTRACT ID : C202195 39972.3.GV1

DIV OFFICE ASHEVILLE

LENGTH = 12.260 MI

COUNTY : MCDOWELL

PAVEMENT REHABILITATION.

DBE GOAL 5.0% COMPLETION DATE : NOV 01 2009

I-40 FROM EAST OF OLD FORT AT MP 74.4 TO NC 226 (MP 86).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
56.46	SMI	SHOULDER RECONSTRUCTION
5,868	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
345,242	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
54,116	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
55,794	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,544	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3,348	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
8,664	TON	PATCHING EXISTING PAVEMENT
258,932	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
298,110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
32,366	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
9,808	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
192	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
660,000	LF	PAINT PAVEMENT MARKING LINES (4")
19,600	LF	PAINT PAVEMENT MARKING LINES (12")
384	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING SYMBOL
1,620	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090120 009

CONTRACT ID : C202021 33497.3.1

DIV OFFICE SYLVA

LENGTH = 0.081 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : AUG 28 2009

BRIDGE OVER BOYLSTON CREEK AND APPROACHES ON SR-1329.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+70.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
100	CY	UNDERCUT EXCAVATION
100	TON	CLASS IV SUBGRADE STABILIZATION
245	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
5	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
12	LF	15" RC PIPE CULVERTS, CLASS III
20	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
150	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
20	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
45	CY	SUBDRAIN EXCAVATION
35	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
72	LF	SHOULDER BERM GUTTER
150	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
16	TON	RIP RAP, CLASS I
3	TON	RIP RAP, CLASS B
285	SY	FILTER FABRIC FOR DRAINAGE
221	SF	WORK ZONE SIGNS (STATIONARY)
84	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
48	LF	BARRICADES (TYPE III)
3,440	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	TEMPORARY SILT FENCE
120	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
180	LF	SAFETY FENCE
300	CY	SILT EXCAVATION
850	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
40	LF	1/4" HARDWARE CLOTH
200	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
6.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING

0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+70.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+70.50-L-)
24	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+70.50-L-)
3,748	LB	REINFORCING STEEL (BRIDGE)
275	LF	HP12X53 STEEL PILES
105.21	LF	VERTICAL CONCRETE BARRIER RAIL
84	TON	RIP RAP, CLASS ** (I)
93	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
526.04	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090120 010

CONTRACT ID : C202020 33498.3.1

DIV OFFICE SYLVA

LENGTH = 0.136 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : OCT 15 2009

BRIDGE OVER CLEAR CREEK AND APPROACHES ON SR-1587.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (17+35.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
109	CY	UNDERCUT EXCAVATION
100	TON	CLASS IV SUBGRADE STABILIZATION
295	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
50	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
32	LF	15" SIDE DRAIN PIPE
36	LF	18" SIDE DRAIN PIPE
32	LF	24" SIDE DRAIN PIPE
196	LF	15" RC PIPE CULVERTS, CLASS III
80	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
76	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
104	LF	PIPE REMOVAL
270	TON	AGGREGATE BASE COURSE
560	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
380	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
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)
5	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH GRATE, STD 840.29
30	LF	SHOULDER BERM GUTTER
320	LF	CONCRETE EXPRESSWAY GUTTER
500	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
35	TON	RIP RAP, CLASS II
250	TON	RIP RAP, CLASS B
1,705	SY	FILTER FABRIC FOR DRAINAGE
430	SF	WORK ZONE SIGNS (STATIONARY)
180	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
80	LF	BARRICADES (TYPE III)
9,200	LF	PAINT PAVEMENT MARKING LINES (4")
20	LF	PAINT PAVEMENT MARKING LINES (24")
1,600	LF	TEMPORARY SILT FENCE
350	TON	STONE FOR EROSION CONTROL, CLASS A
180	TON	STONE FOR EROSION CONTROL, CLASS B
270	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
160	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS

1,000	LF	SAFETY FENCE
850	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
50	SY	COIR FIBER MAT
50	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
480	LF	COIR FIBER BAFFLES
6	EA	*** SKIMMER (1-1/2")
15	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
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 ***** (17+35.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+35.50-L-)
33.2	LF	3'-6" DIA DRILLED PIERS IN SOIL
29	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
26.4	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
795	CY	UNCLASSIFIED STRUCTURE EXCAVATION
5,054	SF	REINFORCED CONCRETE DECK SLAB
4,636	SF	GROOVING BRIDGE FLOORS
130.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+35.50-L-)
25,497	LB	REINFORCING STEEL (BRIDGE)
1,695	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
627.29	LF	45" PRESTRESSED CONCRETE GIR-DERS
265	LF	HP12X53 STEEL PILES
324.33	LF	CONCRETE BARRIER RAIL
333	TON	RIP RAP CLASS II (2'-0" THICK)
370	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

