




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

September 23, 2008

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

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

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

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

Enclosure

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

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

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH, NC 27602

LIABILITY INSURANCE:

(11-18-08)

SP1G80

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

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

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

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

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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LYNDO TIPPETT
SECRETARY

July 22, 2008

MEMORANDUM TO: All Prequalified Contractors

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

A handwritten signature in black ink, appearing to read "R. A. Garris".

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

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 27600-1581

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-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	GUILFORD 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
GOVERNOR

LYNDO TIPPETT
SECRETARY

October 23, 2007

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

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

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

Work Zone Traffic Control Supervisors

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

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

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

MAILING ADDRESS:
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.DOR.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 DECEMBER 16, 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 NOVEMBER 18, 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 L081216

RPN	Contract Id	WBS	County	Length	JobType
001	C201976	34414.3.4	CRAVEN, JONES	9.052 KM	WIDEN, GRADING, DRAINAGE, PAVING, SIGNAL, SIGNING & STR.
002	C201977	35196.3.15	CUMBERLAND	4.327 KM	GRADING, DRAINAGE, PAVING, SIGNING & STRUCTURES.
003	C201979	35196.3.16	CUMBERLAND	6.570 KM	GRADING, DRAINAGE, PAVING & STRUCTURES.
004	C202186	35196.3.15 ETC.	CUMBERLAND	10.897 KM	GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.
005	C201965	34501.3.4	LENOIR	4.028 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
006	C202028	34817.3.9	CUMBERLAND	1.922 KM	GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.
007	C201495	33225.3.1	PITT	0.884 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C202191	1CR.10271.1 ETC.	CURRITUCK	11.780 MI	RESURFACING.
009	C202197	38683.3.1	HYDE	0.000 MI	CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.
010	C202198	38683.3.2	CARTERET	0.000 MI	CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.
011	C202199	38683.3.1 ETC.	HYDE, CARTERET	0.000 MI	CONSTRUCT TWO 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRIES.
012	C202200	38683.3.4	HYDE	0.000 MI	CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.
013	C202201	38683.3.5	CARTERET	0.000 MI	CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.
014	C202202	38683.3.4 ETC.	HYDE, CARTERET	0.000 MI	CONSTRUCT TWO 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRIES.
*015	C202205	41732.1	CARTERET	0.000 MI	REMOVAL & REPLACEMENT OF FENDER SYSTEM
016	C202193	5CR.10391.8 ETC.	GRANVILLE, PERSON	23.000 MI	RESURFACING & SHOULDER RECONSTRUCTION.
017	C202026	41439.3.3	NEW HANOVER	11.200 MI	ITS, COMPUTERIZED SIGNAL SYSTEM.
018	C202188	3CR.10651.67 ETC	NEW HANOVER	14.830 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
019	C202031	33640.3.1	WAKE	0.223 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
020	C202030	33824.3.1	WARREN	0.158 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
021	C202119	40325.3.22	CUMBERLAND	0.554 MI	GRADING, DRAINAGE, MILLING, PAVING AND SIGNALS.
*022	C202203	36727.3.7 ETC.	RANDOLPH	6.000 MI	BRIDGE CLEANING AND PAINTING.
023	C202032	33634.3.1	UNION	0.235 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
024	C201920	33172.3.1	CALDWELL	0.208 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
025	C201767	33380.3.1	ASHE	0.133 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
026	C202037	33383.3.1	ASHE	0.114 MI	GRADING, DRAINAGE, PAVING, TEMP SIGNAL, AND STRUCTURE.
027	C201816	33624.3.1	SURRY	0.148 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
028	C202196	12CR.10231.7 ETC	CLEVELAND	13.260 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
029	C202194	12CR.10231.9 ETC	GASTON	14.650 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

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

Bid Letting Number L081216

RPN	Contract Id	WBS	County	Length	JobType
030	C201850	33402.3.1	BUNCOMBE	0.080 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
031	C202034	33531.3.1	MADISON	0.109 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
032	C202033	33607.3.1	RUTHERFORD	0.125 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
033	C202195	39972.3.GV1	MCDOWELL	12.260 MI	PAVEMENT REHABILITATION.
034	C202038	33183.3.1	CHEROKEE	0.095 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
035	C202035	33526.3.1	MACON	0.137 MI	GRADING, DRAINAGE, PAVING, & CULVERT.

* C202205 CARTERET COUNTY MANDATORY PRE-BID CONFERENCE WILL BE HELD ON TUESDAY, DECEMBER 2, 2008 AT 10:00AM AT THE NORTH APPROACH TO THE BRIDGE. IN CASE OF INCLEMENT WEATHER, PLEASE SEE PROPOSAL FOR ALTERNATE LOCATION AND TIME.

* C202203 RANDOLPH COUNTY PRE-BID CONFERENCE WILL BE HELD WEDNESDAY, DECEMBER 3, 2008 AT 10:00AM AT THE RANDOLPH COUNTY MAINTENANCE FACILITY, 126 DOT DRIVE, ASHEBORO, NC 27205 (336)625-1309.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 001

CONTRACT ID : C201976 34414.3.4

DIV OFFICE GREENVILLE

LENGTH = 9.052 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	49,920	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS FIELD OFFICE	3,000	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,500	M2 GENERIC MISCELLANEOUS ITEM FABRIC FOR EMBANKMENT STABILIZATION	500	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS CLEARING & GRUBBING .. HECTARE(S)	41,580	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
2	HA SUPPLEMENTARY CLEARING & GRUBBING	238	M3	SUBDRAIN EXCAVATION
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+20.000 NBL)	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 SBL)	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)	112.1	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)	61	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+94.000 SBL)	4.9	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	36	EA	FRAME WITH TWO GRATES, STD 840.22
1,650	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
2,325	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)
1,328.4	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
558	M 900MM RC PIPE CULVERTS, CLASS III	19	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
772.8	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)	18,400	M	WOVEN WIRE FENCE, 1200MM FABRIC
37.2	M ***MM BIT COAT CS PIPE CULVERTS, TYPE A *****MM THICK (450MM, 1.63MM)	3,940	EA	100MM TIMBER FENCE POSTS, *****M LONG (2.3M)
14	EA ***MM BIT COAT CS PIPE ELBOWS, TYPE A *****MM THICK (400MM, 1.63MM)	690	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	310	MTN	RIP RAP, CLASS B
12,500	MTN STABILIZER AGGREGATE	5,860	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 ***** (23+60 -Y4-)	10	EA	PAINT PAVEMENT MARKING SYMBOL	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+60 -Y4-)	2,400	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (3+80 -Y4-)	737	EA	SNOWPLOWABLE PAVEMENT MARKERS	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (8+60 -Y4-)	4	EA	2.1M U-CHANNEL POSTS	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (90+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)	
4	EA	SIGN ERECTION, TYPE D	4	EA	OBJECT MARKERS (END OF ROAD)	
90	EA	SIGN ERECTION, TYPE E	858	M	150MM WATER LINE	
38	EA	SIGN ERECTION, TYPE F	575	M	400MM WATER LINE	
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	295	M	750MM ENCASEMENT PIPE	
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	21	M	TRENCHLESS INSTALLATION OF 150MM IN SOIL	
26	EA	SIGN ERECTION, MILEMARKERS	21	M	TRENCHLESS INSTALLATION OF 150MM NOT IN SOIL	
4	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	58,100	M	TEMPORARY SILT FENCE	
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	2,800	MTN	STONE FOR EROSION CONTROL, CLASS A	
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	14,440	MTN	STONE FOR EROSION CONTROL, CLASS B	
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	7,515	MTN	SEDIMENT CONTROL STONE	
10	EA	DISPOSAL OF SUPPORT, WOOD	209.5	HA	TEMPORARY MULCHING	
9	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	3,750	KG	SEED FOR TEMPORARY SEEDING	
12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	30.25	MTN	FERTILIZER FOR TEMPORARY SEEDING	
44	EA	DISPOSAL OF SIGN SYSTEM, WOOD	3,200	M	TEMPORARY SLOPE DRAINS	
50	M2	WORK ZONE SIGNS (STATIONARY)	102	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
45	M2	WORK ZONE SIGNS (PORTABLE)	8,300	M	SAFETY FENCE	
7	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	15,197	M3	SILT EXCAVATION	
2	EA	FLASHING ARROW PANELS, TYPE C	19,600	M2	MATTING FOR EROSION CONTROL	
2	EA	CHANGEABLE MESSAGE SIGN	30	M2	COIR FIBER MAT	
420	EA	DRUMS	700	M2	PERMANENT SOIL REINFORCEMENT MAT	
30	EA	CONES	1,700	M	6.4MM HARDWARE CLOTH	
145	M	BARRICADES (TYPE III)	230	M	WATTLE	
200	MD	FLAGGER	147	KG	POLYACRYLAMIDE (PAM)	
6	EA	TEMPORARY CRASH CUSHIONS	1,400	M	COIR FIBER BAFFLES	
2	EA	RESET TEMPORARY CRASH CUSHIONS	313	HA	SEEDING & MULCHING	
2	EA	TMIA	195.5	HA	MOWING	
1,700	M	PORTABLE CONCRETE BARRIER	4,225	KG	SEED FOR REPAIR SEEDING	
1,700	M	PORTABLE CONCRETE BARRIER (DRAINAGE)	14.25	MTN	FERTILIZER FOR REPAIR SEEDING	
32	HR	POLICE	4,400	KG	SEED FOR SUPPLEMENTAL SEEDING	
75	EA	TUBULAR MARKERS (FIXED)	262.75	MTN	FERTILIZER TOPDRESSING	
180	EA	TEMPORARY RAISED PAVEMENT MARKERS	5	HR	SPECIALIZED HAND MOWING	
2,766	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	54	EA	RESPONSE FOR EROSION CONTROL	
1,415	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	1	HA	REFORESTATION	
47,180	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)	585	M	SIGNAL CABLE	
5,725	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)	12	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	
16	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	225	M	MESSENGER CABLE (9.52MM)	
1,082	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)	280	M	UNPAVED TRENCHING (***** (1, 50MM))	
52	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	4	EA	JUNCTION BOX (STANDARD SIZE)	
			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	
					***** BEGIN SCHEDULE AA *****	
					***** (2 ALTERNATES) *****	
			1,906,900	M3	BORROW EXCAVATION	
	Lump Sum			LS	GENERIC GRADING ITEM UNCLASSIFIED EXCAVATION	

7,520	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
76,710	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
45,930	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
6,385	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
*** OR ***		
1,822,950	M3	BORROW EXCAVATION
Lump Sum	LS	GENERIC GRADING ITEM UNCLASSIFIED EXCAVATION
148,500	MTN	AGGREGATE BASE COURSE
77,390	L	PRIME COAT
50	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
37,210	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
33,100	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
3,760	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 GIRDERS
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

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 002

CONTRACT ID : C201977 35196.3.15

DIV OFFICE FAYETTEVILLE

LENGTH = 4.327 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : OCT 01 2012

FAYETTEVILLE OUTER LOOP FROM WEST OF NC-24 TO 1.3 MILES EAST OF NC-87/NC-210.

ROADWAY ITEMS					
		232.8	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)	
Lump Sum	LS	513.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	79.2	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	73.2	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
2	HA	49.2	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
1	EA	36	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
456,300	M3	31	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	4	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	4	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	2,175	M	PIPE REMOVAL	
Lump Sum	LS	Lump Sum	LS	FINE GRADING	
Lump Sum	LS	5,000	MTN	STABILIZER AGGREGATE	
Lump Sum	LS	153,200	MTN	AGGREGATE BASE COURSE	
Lump Sum	LS	2,000	MTN	INCIDENTAL STONE BASE	
Lump Sum	LS	49,550	L	PRIME COAT	
Lump Sum	LS	24,758	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	
Lump Sum	LS	55,500	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE H19.0C	
Lump Sum	LS	2,525	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
Lump Sum	LS	56,910	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
Lump Sum	LS	2,040	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	
Lump Sum	LS	2,150	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	
Lump Sum	LS	715	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C	
Lump Sum	LS	3,970	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
Lump Sum	LS	3,460	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	
Lump Sum	LS	120	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	
20,600	M3	120	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	
225	MTN	14,350	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	
3,321,100	M3	911	M3	SUBDRAIN EXCAVATION	
12	EA	456	M3	SUBDRAIN FINE AGGREGATE	
14,730	M3	1,100	M	150MM PERFORATED SUBDRAIN PIPE	
400	M	110	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	
32,110	M2	8	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	
77	HR	16	M	150MM OUTLET PIPE (SUBDRAINS)	
16,200	M3	6	M3	ENDWALLS	
16,200	M2	2	M3	PIPE COLLARS	
210	M2	1	M3	PIPE PLUGS	
100	MTN	237	EA	MASONRY DRAINAGE STRUCTURES	
2,075	MTN	72	M	MASONRY DRAINAGE STRUCTURES	
60	MTN	5	EA	FRAME WITH GRATE, STD 840.22	
2,950	MTN	23	EA	FRAME WITH TWO GRATES, STD 840.16	
121.2	M	49	EA	FRAME WITH TWO GRATES, STD 840.20	
190.8	M	84	EA	FRAME WITH TWO GRATES, STD 840.22	
3.6	M	16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	
46.8	M	27	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
78	M	25	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	
		5	EA	FRAME WITH COVER, STD 840.54	

			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (31+85.00 -Y1-)
11	M	*** X ***MM CONCRETE CURB (225MM X 300MM)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (41+02.00 -COL2-)
2,180	M	450MM CONCRETE CURB & GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (41+70.00 -RP1BD-)
4,380	M	750MM CONCRETE CURB & GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+53.00 -L-)
1,240	M	SHOULDER BERM GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+69.00 -CDR-)
2	EA	MODIFIED CONCRETE FLUME	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (55+48.00 -L-)
2,750	M	CONCRETE EXPRESSWAY GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (64+85.00 -L-)
20	EA	CONCRETE WHEELCHAIR RAMPS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (81+11.00 -L-)
16	M2	150MM CONCRETE DRIVEWAY			
4,400	M2	100MM CONCRETE ISLAND COVERS			
4,110	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
1,500	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
7,543.83	M	STEEL BM GUARDRAIL			
64.77	M	STEEL BM GUARDRAIL, SHOP CURVED			
4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	4	EA	SIGN ERECTION, TYPE D
60	EA	ADDITIONAL GUARDRAIL POSTS	79	EA	SIGN ERECTION, TYPE E
29	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	6	EA	SIGN ERECTION, TYPE F
33	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	33	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
11	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	7	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
50	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	26	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
1,600	M	REMOVE EXISTING GUARDRAIL	2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
2,790	M	DOUBLE FACED CABLE GUIDERAIL	3	EA	SIGN ERECTION, MILEMARKERS
14	EA	CABLE GUIDERAIL ANCHOR UNITS	3	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6,760	M	WOVEN WIRE FENCE, 1200MM FABRIC	1	EA	STOCKPILE SIGN, A OR B (GROUND MOUNTED)
1,393	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	46	M2	WORK ZONE SIGNS (STATIONARY)
319	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	65	M2	WORK ZONE SIGNS (PORTABLE)
5,140	M	CHAIN LINK FENCE, ****MM FABRIC (2100MM)	10	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,396	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (2100MM)	2	EA	FLASHING ARROW PANELS, TYPE C
52	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (2100MM)	4	EA	CHANGEABLE MESSAGE SIGN
100	M	ADDITIONAL BARBED WIRE	30	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
1	EA	GENERIC FENCING ITEM GATE, 2100MM HIGH, 26800MM OPENING	450	EA	DRUMS
865	MTN	RIP RAP, CLASS I	75	EA	CONES
1,500	MTN	RIP RAP, CLASS B	137	M	BARRICADES (TYPE III)
16,390	M2	FILTER FABRIC FOR DRAINAGE	200	MD	FLAGGER
6	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	4	EA	TEMPORARY CRASH CUSHIONS
16	M3	REINFORCED CONCRETE SIGN FOUNDATIONS	2	EA	TMIA
204	M3	OVERHEAD FOOTING	900	M	PORTABLE CONCRETE BARRIER
5,043	KG	SUPPORTS, BREAKAWAY STEEL BEAM	300	M	RESET PORTABLE CONCRETE BARRIER
1,825	KG	SUPPORTS, SIMPLE STEEL BEAM	64	HR	POLICE
613	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL	75	EA	SKINNY DRUM
3	EA	SUPPORTS, 3-KG STEEL U-CHANNEL	85	EA	TUBULAR MARKERS (FIXED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+04.00 -LP2D-)	590	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+32.73 -LP2B-)	7,310	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+40.00 -LPB-)	6,161	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (14+40.00 -Y2-)	27,520	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+00.00 -FLYOVER-)	4,631	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+20.00 -Y2-)	100	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+50.00 -Y1-)	3,140	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (27+40.00 -Y1-)	250	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (30+95.00 -Y1-)	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
			235	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
			55,560	M	PAINT PAVEMENT MARKING LINES (100MM)
			1,200	M	PAINT PAVEMENT MARKING LINES (200MM)
			140	M	PAINT PAVEMENT MARKING LINES (600MM)
			4,696	M	POLYUREA PAVEMENT MARKING LINES (150MM, *****) (HIGHLY REFLECTIVE ELEMENTS)
			3,375	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
			4,314	M	CURING COMPOUND REMOVAL, LINES

			9	EA	***MM SKIMMER (64MM)		
			2	EA	***MM SKIMMER (76MM)		
612	EA	PERMANENT RAISED PAVEMENT MARKERS	491.1	HA	SEEDING & MULCHING		
2,605	EA	SNOWPLOWABLE PAVEMENT MARKERS	266	HA	MOWING		
175	EA	FLEXIBLE DELINEATORS (CRYSTAL)	5,750	KG	SEED FOR REPAIR SEEDING		
100	EA	FLEXIBLE DELINEATORS (YELLOW)	19.25	MTN	FERTILIZER FOR REPAIR SEEDING		
3	EA	OBJECT MARKERS (END OF ROAD)	4,800	KG	SEED FOR SUPPLEMENTAL SEEDING		
4	EA	30.5M HIGH MOUNT STANDARD	286	MTN	FERTILIZER TOPDRESSING		
18	EA	36.5M HIGH MOUNT STANDARD	50	M	IMPERVIOUS DIKE		
1	EA	PORTABLE DRIVE UNIT	614.5	HR	SPECIALIZED HAND MOWING		
168.8	M3	HIGH MOUNT FOUNDATIONS	144	EA	RESPONSE FOR EROSION CONTROL		
168	EA	HIGH MOUNT LUMINAIRES ***** (750W, 480V)	1,008	M3	CULVERT DIVERSION CHANNEL		
3	EA	ELECTRIC SERVICE POLE **** ***** (9M)	3	HA	REFORESTATION		
90	M	ELECTRIC SERVICE LATERAL ***** (3-#1/0 USE, TS2 RGC)	1,955	M	SIGNAL CABLE		
100	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS2)	52	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)		
682	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS3)	1	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)		
60	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS4)	1	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)		
416	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS6)	940	M	MESSENGER CABLE (9.52MM)		
18	M	** #8 W/G FEEDER CIRCUIT (2)	950	M	TRACER WIRE		
1,711	M	** #2 W/G FEEDER CIRCUIT (2)	15	M	PAVED TRENCHING (*****) (1, 50MM)		
547	M	***** FEEDER CIRCUIT (2-#1 W/G)	935	M	UNPAVED TRENCHING (*****) (1, 50MM)		
324	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	325	M	PLOWING (*****) (2, 50MM)		
4,962	M	***#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	685	M	DIRECTIONAL DRILL (*****) (2, 50MM)		
2,572	M	***#1 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS2)	20	EA	JUNCTION BOX (STANDARD SIZE)		
57	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	11	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)		
10	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)	3	EA	50MM RISER WITH HEAT SHRINK TUBING		
Lump Sum	LS	PORTABLE LIGHTING	2,000	M	INDUCTIVE LOOP SAWCUT		
1	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW, 480V, 150A	3,650	M	LEAD-IN CABLE (*****) (14-2)		
2	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW, 480V, 200A	625	M	COMMUNICATIONS CABLE (**FIBER) (12)		
1,096	M	600MM WATER LINE	500	M	DROP CABLE		
1,060	M	ABANDON 600MM UTILITY PIPE	2	EA	SPLICE ENCLOSURE		
60	MTN	GENERIC UTILITY ITEM FOUNDATION COND MATERIAL	5	EA	INTERCONNECT CENTER		
46,200	M	TEMPORARY SILT FENCE	5	EA	FIBER-OPTIC TRANSCEIVER, SELF- HEALING RING		
5,010	MTN	STONE FOR EROSION CONTROL, CLASS A	10	EA	DELINEATOR MARKER		
28,500	MTN	STONE FOR EROSION CONTROL, CLASS B	2	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT		
13,895	MTN	SEDIMENT CONTROL STONE	2	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER		
178	HA	TEMPORARY MULCHING	19	EA	METAL STRAIN SIGNAL POLE		
2,900	KG	SEED FOR TEMPORARY SEEDING	19	EA	SOIL TEST		
18.5	MTN	FERTILIZER FOR TEMPORARY SEED- ING	95	M3	DRILLED PIER FOUNDATION		
9,110	M	TEMPORARY SLOPE DRAINS	9	EA	SIGN FOR SIGNALS		
90	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	4	EA	SIGNAL CABINET FOUNDATION		
4,800	M	SAFETY FENCE	4	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)		
38,370	M3	SILT EXCAVATION	29	EA	DETECTOR CARD (TYPE 2070L)		
184,100	M2	MATTING FOR EROSION CONTROL	4	EA	CABINET BASE EXTENDER		
460	M2	COIR FIBER MAT					
16,000	M2	PERMANENT SOIL REINFORCEMENT MAT					
1,140	M	6.4MM HARDWARE CLOTH					
300	M3	STILLING BASINS					
1,200	M	WATTLE					
969	KG	POLYACRYLAMIDE (PAM)					
2,645	M	COIR FIBER BAFFLES					
4	EA	***MM SKIMMER (102MM)	3,416.4	M	375MM RC PIPE CULVERTS, CLASS III	***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****	
53	EA	***MM SKIMMER (38MM)	1,486.8	M	450MM RC PIPE CULVERTS, CLASS III		
15	EA	***MM SKIMMER (51MM)	1,849.2	M	600MM RC PIPE CULVERTS, CLASS III		
			998.4	M	750MM RC PIPE CULVERTS, CLASS III		
			184.8	M	900MM RC PIPE CULVERTS, CLASS III		
						*** OR ***	
			2,775.6	M	375MM RC PIPE CULVERTS, CLASS III		
			742.8	M	450MM RC PIPE CULVERTS, CLASS III		
			1,381.2	M	600MM RC PIPE CULVERTS, CLASS III		
			848.4	M	750MM RC PIPE CULVERTS, CLASS III		
			82.8	M	900MM RC PIPE CULVERTS, CLASS III		
			640.8	M	***MM HDPE PIPE CULVERTS (400MM)		
			744	M	***MM HDPE PIPE CULVERTS (450MM)		
			468	M	***MM HDPE PIPE CULVERTS (600MM)		

150	M	*****MM HDPE PIPE CULVERTS (800MM)
102	M	*****MM HDPE PIPE CULVERTS (900MM)
		*** OR ***
2,775.6	M	375MM RC PIPE CULVERTS, CLASS III
742.8	M	450MM RC PIPE CULVERTS, CLASS III
1,381.2	M	600MM RC PIPE CULVERTS, CLASS III
848.4	M	750MM RC PIPE CULVERTS, CLASS III
82.8	M	900MM RC PIPE CULVERTS, CLASS III
640.8	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (400MM, 1.63MM)
744	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (450MM, 1.63MM)
468	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (600MM, 1.63MM)
150	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (800MM, 2.01MM)
102	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (900MM, 2.01MM)

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (46+47.000-L-)
436	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
688.5	M3	CLASS A CONCRETE (CULVERT)
61,711	KG	REINFORCING STEEL (CULVERT)

WALL ITEMS

5,227	M2	MSE RETAINING WALLS
1,980	M2	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL
3,976.408	M2	GENERIC RETAINING WALL ITEM VISUAL BARRIER WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+72.000-FLYOVER-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (58+15.000-L-LT)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (77+44.00-L-LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (58+35.000-CDR-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+01.153-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+01.153-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 66+11.952-CDR-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 77+44.00-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 77+44.00-L-RT)

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 63+66.830-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 63+66.830-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5, 63+66.830-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (6, 63+66.830-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (7, 63+66.830-L-)
12	EA	PDA TESTING
12	EA	PDA ASSISTANCE
29,736.4	M2	REINFORCED CONCRETE DECK SLAB
28,384	M2	GROOVING BRIDGE FLOORS
997.8	M3	CLASS AA CONCRETE (BRIDGE)
3,501.5	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+72.000-FLYOVER-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+33.963-RP1BD-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+41.155-COL2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (56+05.973-CDR-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (58+15.000-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (58+15.000-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (58+35.000-CDR-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (63+66.830-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+01.153-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+01.153-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+11.952-CDR-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.00-L-RT)
435,795	KG	REINFORCING STEEL (BRIDGE)
25,951	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
3,950.624	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
2,298.12	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
1,122,715	LS	APPROX KG STRUCTURAL STEEL
12,807	M	HP310X79 STEEL PILES
10,064	M	HP310X79 GALVANIZED STEEL PILES
7,562.1	M	HP360X108 STEEL PILES
570	M	HP360X108 GALVANIZED STEEL PILES
533	EA	PILE REDRIVES
3,901.351	M	CONCRETE BARRIER RAIL
223.92	M	*** X *****MM CONCRETE PARAPET (305MM X 457MM)
125.28	M	*****MM CHAIN LINK FENCE (1829MM)
2,546	M2	100MM SLOPE PROTECTION
7,949	MTN	RIP RAP CLASS II (600MM THICK)
8,529	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
781.872	M	914MM X 533MM PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,542,000KG STRUCTURAL STEEL

1,282.311 M2 GENERIC STRUCTURE ITEM
VISUAL BARRIER WALL
ON STRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 003

CONTRACT ID : C201979 35196.3.16

DIV OFFICE FAYETTEVILLE

LENGTH = 6.570 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 7.0% COMPLETION DATE : OCT 01 2012

NC-24 EXTENSION (FAYETTEVILLE OUTER LOOP) FROM 1.3 MI EAST OF NC-87/210 TO WEST OF US-401.

ROADWAY ITEMS					
		1	EA	****MM PIPE END SECTION (450MM)	
		207.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	80.4	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	36	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
		2	HA	SUPPLEMENTARY CLEARING & GRUBBING	
2	HA	22.8	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
17	EA	24	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
800,000	M3			UNCLASSIFIED EXCAVATION	
Lump Sum	LS	39.6	M	REINFORCED BRIDGE APPROACH FILL, STATION ***** (118+17.00-L-EBL)	
Lump Sum	LS	2	EA	REINFORCED BRIDGE APPROACH FILL, STATION ***** (118+17.00-L-WBL)	
Lump Sum	LS	2	EA	REINFORCED BRIDGE APPROACH FILL, STATION ***** (145+27.00-L-EBL)	
Lump Sum	LS	12	EA	REINFORCED BRIDGE APPROACH FILL, STATION ***** (145+27.00-L-WBL)	
Lump Sum	LS	4	EA	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+40.00-Y-REV)	
25,981	M3			UNDERCUT EXCAVATION	
1,350	MTN	555.6	M	CLASS IV SUBGRADE STABILIZATION	
568,000	M3			BORROW EXCAVATION	
7	EA			EMBANKMENT SETTLEMENT GAUGES	
11,760	M3	8,750	MTN	DRAINAGE DITCH EXCAVATION	
1,100	M	110,000	MTN	BERM DITCH CONSTRUCTION	
5,750	M2	500	MTN	REMOVAL OF EXISTING ASPHALT PAVEMENT	
5,500	M2	14,078	L	BREAKING OF EXISTING ASPHALT PAVEMENT	
70	HR	540	M2	PROOF ROLLING	
16,000	M3	720	MTN	SELECT GRANULAR MATERIAL	
21,600	M2	29,520	MTN	FABRIC FOR SOIL STABILIZATION	
34,000	M3	11,600	MTN	GENERIC GRADING ITEM BORROW MATERIAL FOR GEOGRID REINFORCEMENT	
2,500	M3	31,480	MTN	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	
4,700	M2	11,520	MTN	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION	
1,100	M2	30,840	MTN	GENERIC GRADING ITEM PERMANENT TURF REINFORCEMENT MAT	
17,000	M2	1,530	MTN	GENERIC GRADING ITEM PRIMARY GEOGRID REINFORCEMENT	
3,650	M2	4,120	MTN	GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCEMENT	
6	EA	1,855	MTN	GENERIC GRADING ITEM CASING ACCESS BOXES	
3,280	MTN	25,600	M	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	
38.4	M	994	M3	375MM SIDE DRAIN PIPE	
43.2	M	497	M3	450MM SIDE DRAIN PIPE	
3.6	M	1,200	M	1350MM RC PIPE CULVERTS, CLASS III	
100.8	M	120	EA	1800MM RC PIPE CULVERTS, CLASS III	
55.2	M	8	EA	****MM RC PIPE CULVERTS, CLASS IV (1050MM)	
86.4	M	16	M	****MM RC PIPE CULVERTS, CLASS IV (1350MM)	
120	M	18.9	M3	****MM RC PIPE CULVERTS, CLASS IV (1500MM)	
110.4	M	8.5	M3	****MM RC PIPE CULVERTS, CLASS IV (900MM)	
1	EA	212	EA	****MM PIPE END SECTION (375MM)	
		68.01	M	****MM PIPE END SECTION (450MM)	
		70	EA	****MM PIPE END SECTION (600MM)	
		27	EA	****MM PIPE END SECTION (800MM)	
		53	EA	****MM PIPE END SECTION (900MM)	
		2	EA	****MM PIPE END SECTION (1000MM)	
		4	EA	****MM PIPE END SECTION (1200MM)	
				****MM PIPE END SECTION (1500MM)	
				****MM PIPE END SECTION (1800MM)	
				****MM PIPE END SECTION (2000MM)	
				****MM PIPE END SECTION (2200MM)	
				****MM PIPE END SECTION (2400MM)	
				****MM PIPE END SECTION (2600MM)	
				****MM PIPE END SECTION (2800MM)	
				****MM PIPE END SECTION (3000MM)	
				****MM PIPE END SECTION (3200MM)	
				****MM PIPE END SECTION (3400MM)	
				****MM PIPE END SECTION (3600MM)	
				****MM PIPE END SECTION (3800MM)	
				****MM PIPE END SECTION (4000MM)	
				****MM PIPE END SECTION (4200MM)	
				****MM PIPE END SECTION (4400MM)	
				****MM PIPE END SECTION (4600MM)	
				****MM PIPE END SECTION (4800MM)	
				****MM PIPE END SECTION (5000MM)	
				****MM PIPE END SECTION (5200MM)	
				****MM PIPE END SECTION (5400MM)	
				****MM PIPE END SECTION (5600MM)	
				****MM PIPE END SECTION (5800MM)	
				****MM PIPE END SECTION (6000MM)	
				****MM PIPE END SECTION (6200MM)	
				****MM PIPE END SECTION (6400MM)	
				****MM PIPE END SECTION (6600MM)	
				****MM PIPE END SECTION (6800MM)	
				****MM PIPE END SECTION (7000MM)	
				****MM PIPE END SECTION (7200MM)	
				****MM PIPE END SECTION (7400MM)	
				****MM PIPE END SECTION (7600MM)	
				****MM PIPE END SECTION (7800MM)	
				****MM PIPE END SECTION (8000MM)	
				****MM PIPE END SECTION (8200MM)	
				****MM PIPE END SECTION (8400MM)	
				****MM PIPE END SECTION (8600MM)	
				****MM PIPE END SECTION (8800MM)	
				****MM PIPE END SECTION (9000MM)	
				****MM PIPE END SECTION (9200MM)	
				****MM PIPE END SECTION (9400MM)	
				****MM PIPE END SECTION (9600MM)	
				****MM PIPE END SECTION (9800MM)	
				****MM PIPE END SECTION (10000MM)	

				Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (97+20 -L- B)
					7	EA SIGN ERECTION, TYPE D
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			68	EA SIGN ERECTION, TYPE E
12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			19	EA SIGN ERECTION, TYPE F
21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			16	EA SIGN ERECTION, TYPE *** (OVERHEAD) (A)
9	EA	FRAME WITH COVER, STD 840.54			9	EA SIGN ERECTION, TYPE *** (OVERHEAD) (B)
1,180	M	450MM CONCRETE CURB & GUTTER			16	EA SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
2,020	M	750MM CONCRETE CURB & GUTTER			14	EA SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
55	M	SHOULDER BERM GUTTER			20	EA SIGN ERECTION, MILEMARKERS
2,225	M	CONCRETE EXPRESSWAY GUTTER			1	EA SIGN ERECTION, OVERLAY (GROUND MOUNTED)
950	M	CONCRETE VALLEY GUTTER			3	EA DISPOSAL OF SIGN SYSTEM, STEEL BEAM
1,130	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			18	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
230	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			5	EA DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
1	EA	ADJUSTMENT OF CATCH BASINS			19	EA DISPOSAL OF SIGN, D, E OR F
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350			125	M2 WORK ZONE SIGNS (STATIONARY)
6,537.96	M	STEEL BM GUARDRAIL			50	M2 WORK ZONE SIGNS (PORTABLE)
148.2	M	STEEL BM GUARDRAIL, SHOP CURVED			30	M2 WORK ZONE SIGNS (BARRICADE MOUNTED)
12	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS			2	EA FLASHING ARROW PANELS, TYPE C
50	EA	ADDITIONAL GUARDRAIL POSTS			2	EA CHANGEABLE MESSAGE SIGN
27	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			125	EA DRUMS
31	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			125	EA CONES
6	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350			105	M BARRICADES (TYPE III)
22	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			400	MD FLAGGER
20	M	REMOVE & RESET EXISTING GUIDE-RAIL			2	EA TEMPORARY CRASH CUSHIONS
72.39	M	TEMPORARY STEEL BM GUARDRAIL			245	M PORTABLE CONCRETE BARRIER
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			240	HR POLICE
5,310	M	DOUBLE FACED CABLE GUIDERAIL			131	EA TEMPORARY RAISED PAVEMENT MARKERS
6	EA	ADDITIONAL GUIDERAIL POSTS			3,335	M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
23	EA	CABLE GUIDERAIL ANCHOR UNITS			2,623	M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
13,420	M	WOVEN WIRE FENCE, 1200MM FABRIC			30,766	M THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)
2,800	EA	100MM TIMBER FENCE POSTS, 2.30M LONG			4,690	M THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
640	EA	125MM TIMBER FENCE POSTS, 2.50M LONG			338	M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
2	EA	DOUBLE GATES, *****MM HIGH, *****MM WIDE, *****MM OPENING (1200MM, 3050MM, 6100MM)			2,829	M THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)
1,050	MTN	RIP RAP, CLASS I			163	M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
1,535	MTN	RIP RAP, CLASS B			16	EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
15,660	M2	FILTER FABRIC FOR DRAINAGE			99	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			384	M COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)
9	M3	REINFORCED CONCRETE SIGN FOUNDATIONS			42,788	M PAINT PAVEMENT MARKING LINES (100MM)
108	M3	OVERHEAD FOOTING			128	M PAINT PAVEMENT MARKING LINES (600MM)
2,076	KG	SUPPORTS, BREAKAWAY STEEL BEAM			4	EA PAINT PAVEMENT MARKING SYMBOL
1,573	KG	SUPPORTS, SIMPLE STEEL BEAM			446	M POLYUREA PAVEMENT MARKING LINES (100MM, *****) (HIGHLY REFLECTIVE ELEMENTS)
607	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL			1,728	M POLYUREA PAVEMENT MARKING LINES (150MM, *****) (HIGHLY REFLECTIVE ELEMENTS)
20	EA	SUPPORTS, 3-KG STEEL U-CHANNEL			2,200	M REMOVAL OF PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (102+09 -L- C)			2,310	M CURING COMPOUND REMOVAL, LINES
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (103+21 -L- D)			39	EA PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (108+00 -L- E)			1,453	EA SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (138+00 -L- F)			21	EA 2.1M U-CHANNEL POSTS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (14+82 -Y12- I)			325	EA FLEXIBLE DELINEATORS (CRYSTAL)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+48 -Y12- G)			76	EA FLEXIBLE DELINEATORS (YELLOW)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (7+00 -Y12- H)			20	EA FLEXIBLE DELINEATORS (CRYSTAL & RED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (89+20 -L- A)			20	EA FLEXIBLE DELINEATORS (YELLOW & RED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA *****			21	EA OBJECT MARKERS (END OF ROAD)
					3	EA 24.5M HIGH MOUNT STANDARD
					6	EA 30.5M HIGH MOUNT STANDARD
					5	EA 36.5M HIGH MOUNT STANDARD
					1	EA PORTABLE DRIVE UNIT
					86.7	M3 HIGH MOUNT FOUNDATIONS

			25	M	***MM TEMPORARY PIPE (600MM)	
			30	M	TEMPORARY PIPE FOR STREAM CROSSING	
24	EA	HIGH MOUNT LUMINAIRES ***** (400W, 480V)	880	M3	STILLING BASINS	
76	EA	HIGH MOUNT LUMINAIRES ***** (750W, 480V)	4	EA	SPECIAL STILLING BASINS	
2	EA	ELECTRIC SERVICE POLE ***** (9M)	500	M	WATTLE	
60	M	ELECTRIC SERVICE LATERAL ***** (3-#1/0 USE, TS2 RGC)	375	KG	POLYACRYLAMIDE (PAM)	
37	M	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS2)	2,200	M	COIR FIBER BAFFLES	
318	M	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS3)	36	EA	***MM SKIMMER (38MM)	
28	M	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS4)	15	EA	***MM SKIMMER (51MM)	
144	M	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS6)	2	EA	***MM SKIMMER (64MM)	
637	M	** #2 W/G FEEDER CIRCUIT (2)	3	EA	***MM SKIMMER (76MM)	
105	M	***** FEEDER CIRCUIT (2-#1 W/G)	180	HA	SEEDING & MULCHING	
339	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	105	HA	MOWING	
4,224	M	***#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	2,225	KG	SEED FOR REPAIR SEEDING	
251	M	***#1 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS2)	7.5	MTN	FERTILIZER FOR REPAIR SEEDING	
29	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	1,850	KG	SEED FOR SUPPLEMENTAL SEEDING	
10	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)	110	MTN	FERTILIZER TOPDRESSING	
6	EA	UNDERPASS LUMINAIRES ***** (70W, 480V TYPE PM)	310	M	IMPERVIOUS DIKE	
Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (AT US-401)	400	HR	SPECIALIZED HAND MOWING	
Lump Sum	LS	PORTABLE LIGHTING	72	EA	RESPONSE FOR EROSION CONTROL	
1	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW, 480V, 150A	455	M3	CULVERT DIVERSION CHANNEL	
1	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW, 480V, 200A	6	HA	REFORESTATION	
15	M	50MM WATER LINE	705	M	SIGNAL CABLE	
58	M	150MM WATER LINE	22	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	
106	M	200MM WATER LINE	360	M	MESSENGER CABLE (9.52MM)	
1,204	M	400MM WATER LINE	215	M	UNPAVED TRENCHING (***** (1, 50MM)	
1	EA	50MM VALVE	8	EA	JUNCTION BOX (STANDARD SIZE)	
1	EA	150MM VALVE	650	M	INDUCTIVE LOOP SAWCUT	
4	EA	200MM VALVE	700	M	LEAD-IN CABLE (***** (14-2)	
4	EA	400MM VALVE	4	EA	900MHZ WIRELESS RADIO SYSTEM	
1	EA	RELOCATE WATER METER	8	EA	METAL STRAIN SIGNAL POLE	
3	EA	RECONNECT WATER METER	8	EA	SOIL TEST	
6	EA	RELOCATE FIRE HYDRANT	40	M3	DRILLED PIER FOUNDATION	
176	M	200MM SANITARY GRAVITY SEWER	4	EA	SIGN FOR SIGNALS	
5	EA	1200MM DIA UTILITY MANHOLE	2	EA	SIGNAL CABINET FOUNDATION	
4.84	M	UTILITY MANHOLE WALL, 1200MM DIA	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
516	M	ABANDON 150MM UTILITY PIPE	9	EA	DETECTOR CARD (TYPE 2070L)	
818	M	ABANDON 200MM UTILITY PIPE	2	EA	CABINET BASE EXTENDER	
1,181	M	ABANDON 400MM UTILITY PIPE	1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS LIGHTING ARRESTOR	
9	EA	ABANDON UTILITY MANHOLE	1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM	
19,000	M	TEMPORARY SILT FENCE				
13,000	MTN	STONE FOR EROSION CONTROL, CLASS A				
12,000	MTN	STONE FOR EROSION CONTROL, CLASS B				
8,000	MTN	SEDIMENT CONTROL STONE				
132.5	HA	TEMPORARY MULCHING				
2,525	KG	SEED FOR TEMPORARY SEEDING				
16	MTN	FERTILIZER FOR TEMPORARY SEEDING				
3,800	M	TEMPORARY SLOPE DRAINS				
69	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
5,000	M	SAFETY FENCE				
17,775	M3	SILT EXCAVATION				
185,000	M2	MATTING FOR EROSION CONTROL				
330	M2	COIR FIBER MAT				
9,800	M2	PERMANENT SOIL REINFORCEMENT MAT				
600	M	6.4MM HARDWARE CLOTH				
						***** BEGIN SCHEDULE AA *****
						***** (3 ALTERNATES) *****
			2,301.6	M	375MM RC PIPE CULVERTS, CLASS III	
			793.2	M	450MM RC PIPE CULVERTS, CLASS III	
			2,346	M	600MM RC PIPE CULVERTS, CLASS III	
			2,190	M	750MM RC PIPE CULVERTS, CLASS III	
			1,054.8	M	900MM RC PIPE CULVERTS, CLASS III	
			234	M	1050MM RC PIPE CULVERTS, CLASS III	
			105.6	M	1200MM RC PIPE CULVERTS, CLASS III	
						*** OR ***
			1,489.2	M	375MM RC PIPE CULVERTS, CLASS III	
			366	M	450MM RC PIPE CULVERTS, CLASS III	
			849.6	M	600MM RC PIPE CULVERTS, CLASS III	
			280.8	M	750MM RC PIPE CULVERTS, CLASS III	
			135.6	M	900MM RC PIPE CULVERTS, CLASS III	
			174	M	1050MM RC PIPE CULVERTS, CLASS III	
			103.2	M	1200MM RC PIPE CULVERTS, CLASS III	
			60	M	***MM HDPE PIPE CULVERTS (1000MM)	
			2.4	M	***MM HDPE PIPE CULVERTS (1200MM)	
			812.4	M	***MM HDPE PIPE CULVERTS (400MM)	

				Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 102+62.953-L-)
427.2	M	*****MM HDPE PIPE CULVERTS (450MM)		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 146+39.081-L-EBL)
1,496.4	M	*****MM HDPE PIPE CULVERTS (600MM)		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 146+39.081-L-WBL)
1,909.2	M	*****MM HDPE PIPE CULVERTS (800MM)		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 146+39.081-L-EBL)
919.2	M	*****MM HDPE PIPE CULVERTS (900MM)		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 146+39.081-L-WBL)
		*** OR ***				
1,489.2	M	375MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 146+39.081-L-EBL)
366	M	450MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 146+39.081-L-EBL)
849.6	M	600MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 146+39.081-L-WBL)
280.8	M	750MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 146+39.081-L-EBL)
135.6	M	900MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 146+39.081-L-WBL)
174	M	1050MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 146+39.081-L-EBL)
103.2	M	1200MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5, 146+39.081-L-EBL)
60	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (1000MM, 2.01MM)		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5, 146+39.081-L-WBL)
2.4	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (1200MM, 2.01MM)		6	EA	PDA TESTING
				6	EA	PDA ASSISTANCE
812.4	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (400MM, 1.63MM)		14,079.7	M2	REINFORCED CONCRETE DECK SLAB
				13,393	M2	GROOVING BRIDGE FLOORS
				1,894.6	M3	CLASS A CONCRETE (BRIDGE)
427.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (450MM, 1.63MM)		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (102+62.953-L-)
1,496.4	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (600MM, 1.63MM)		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+17.500-L-EBL)
1,909.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (800MM, 2.01MM)		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+17.500-L-WBL)
919.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (900MM, 2.01MM)		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (146+39.081-L-EBL)
						(146+39.081-L-WBL)
				163,570	KG	REINFORCING STEEL (BRIDGE)
				15,409	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
				1,076.9	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
				691,100	LS	APPROX KG STRUCTURAL STEEL
				9,101	M	HP310X79 STEEL PILES
				1,872	M	HP310X79 GALVANIZED STEEL PILES
				221	EA	PILE REDRIVES
				1,814.08	M	CONCRETE BARRIER RAIL
				2,420	M2	100MM SLOPE PROTECTION
				4,882	MTN	RIP RAP CLASS II (600MM THICK)
				4,980	M2	FILTER FABRIC FOR DRAINAGE
				Lump Sum	LS	POT BEARINGS
				Lump Sum	LS	ELASTOMERIC BEARINGS
				Lump Sum	LS	EVAZOTE JOINT SEALS
				Lump Sum	LS	EXPANSION JOINT SEALS
				Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,018,000KG STRUCTURAL STEEL
				Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,044,800KG STRUCTURAL STEEL

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (105+03.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (130+30.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+14.000-Y-REV)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (2+98.000-Y-RAMPA)
705	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1,065	M3	CLASS A CONCRETE (CULVERT)
78,736	KG	REINFORCING STEEL (CULVERT)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA***** (130+00.000-L-)

WALL ITEMS

100	M2	MSE RETAINING WALLS
2,636	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALLS, TWO STAGE
3,915	M2	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (118+17.500-L-WBL)
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FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 004

CONTRACT ID : C202186 35196.3.15

DIV OFFICE FAYETTEVILLE

LENGTH = 10.897 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : OCT 01 2012

NC-24 EXTENSION (FAYETTEVILLE OUTER LOOP) FROM WEST OF NC-24 TO WEST OF US-401.

ROADWAY ITEMS					
			4,700	M2	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION
Lump Sum	LS	MOBILIZATION	1,100	M2	GENERIC GRADING ITEM PERMANENT TURF REINFORCEMENT MAT
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	17,000	M2	GENERIC GRADING ITEM PRIMARY GEOGRID REINFORCEMENT
4	HA	SUPPLEMENTARY CLEARING & GRUB- BING	3,650	M2	GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCE- MENT
18	EA	SEALING ABANDONED WELLS			
1,256,300	M3	UNCLASSIFIED EXCAVATION	100	MTN	GENERIC GRADING ITEM EXCAVATION & STOCKPILING OF CONTAMINATED SOIL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (118+17.00-L-EBL)	6	EA	GENERIC GRADING ITEM CASING ACCESS BOXES
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (118+17.00-L-WBL)	2,075	MTN	SELECT MATERIAL, CLASS II
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (145+27.00-L-EBL)	60	MTN	SELECT MATERIAL, CLASS ***** (VI)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (145+27.00-L-WBL)	6,230	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+72.005 -FLYOVER-)	159.6	M	375MM SIDE DRAIN PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+72.005 -FLYOVER-)	43.2	M	450MM SIDE DRAIN PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+40.00-Y-REV)	190.8	M	****MM RC PIPE CULVERTS, CLASS ***** (900MM, V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+92.000 -TT7-)	3.6	M	300MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+82.275 -FLYOVER-)	46.8	M	1200MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (56+06.410 -CDR-)	3.6	M	1350MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (58+10+.083 -L- WBL)	100.8	M	1800MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (58+19.940 -L- EBL)	55.2	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+15.645 -L- WBL)	86.4	M	****MM RC PIPE CULVERTS, CLASS IV (1350MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+24.323 -L- EBL)	120	M	****MM RC PIPE CULVERTS, CLASS IV (1500MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (77+44.000 -L- EBL)	78	M	****MM RC PIPE CULVERTS, CLASS IV (600MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (77+44.000 -L- WBL)	343.2	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)
46,581	M3	UNDERCUT EXCAVATION	1	EA	****MM PIPE END SECTION (375MM)
1,575	MTN	CLASS IV SUBGRADE STABILIZA- TION	1	EA	****MM PIPE END SECTION (450MM)
3,889,100	M3	BORROW EXCAVATION	721.2	M	400MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
19	EA	EMBANKMENT SETTLEMENT GAUGES	159.6	M	450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
26,490	M3	DRAINAGE DITCH EXCAVATION	109.2	M	600MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
1,500	M	BERM DITCH CONSTRUCTION	72	M	800MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK
37,860	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	60	M	900MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK
5,500	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	39.6	M	1000MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.77MM THICK
147	HR	PROOF ROLLING	2	EA	****MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (1000MM, 2.77MM)
32,200	M3	SELECT GRANULAR MATERIAL	2	EA	****MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (900MM, 2.01MM)
37,800	M2	FABRIC FOR SOIL STABILIZATION	43	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
210	M2	TEMPORARY SHORING	8	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
34,000	M3	GENERIC GRADING ITEM BORROW MATERIAL FOR GEOGRID REINFORCEMENT	8	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
2,500	M3	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	4	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
			2,730.6	M	PIPE REMOVAL
			Lump Sum	LS	FINE GRADING
			35	MTN	#57 STONE

			16	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			110	EA	ADDITIONAL GUARDRAIL POSTS
			56	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
13,750	MTN	STABILIZER AGGREGATE	64	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
263,200	MTN	AGGREGATE BASE COURSE	17	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
2,500	MTN	INCIDENTAL STONE BASE	72	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
63,628	L	PRIME COAT	20	M	REMOVE & RESET EXISTING GUIDE-RAIL
540	M2	INCIDENTAL MILLING	1,600	M	REMOVE EXISTING GUARDRAIL
720	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	72.39	M	TEMPORARY STEEL BM GUARDRAIL
54,278	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
11,600	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	8,100	M	DOUBLE FACED CABLE GUIDERAIL
86,980	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	6	EA	ADDITIONAL GUIDERAIL POSTS
14,045	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	37	EA	CABLE GUIDERAIL ANCHOR UNITS
87,750	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	20,180	M	WOVEN WIRE FENCE, 1200MM FABRIC
2,040	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	4,193	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
3,680	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	959	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
715	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C	5,140	M	CHAIN LINK FENCE, ****MM FABRIC (2100MM)
8,090	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1,396	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (2100MM)
5,315	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	52	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (2100MM)
120	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	100	M	ADDITIONAL BARBED WIRE
120	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (1200MM, 3050MM, 6100MM)
39,950	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	1	EA	GENERIC FENCING ITEM GATE, 2100MM HIGH, 2680MM OPENING
1,905	M3	SUBDRAIN EXCAVATION	1,915	MTN	RIP RAP, CLASS I
953	M3	SUBDRAIN FINE AGGREGATE	3,035	MTN	RIP RAP, CLASS B
2,300	M	150MM PERFORATED SUBDRAIN PIPE	32,050	M2	FILTER FABRIC FOR DRAINAGE
230	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	8	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
16	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	25	M3	REINFORCED CONCRETE SIGN FOUNDATIONS
32	M	150MM OUTLET PIPE (SUBDRAINS)	312	M3	OVERHEAD FOOTING
24.9	M3	ENDWALLS	7,119	KG	SUPPORTS, BREAKAWAY STEEL BEAM
8.5	M3	REINFORCED ENDWALLS	3,398	KG	SUPPORTS, SIMPLE STEEL BEAM
2	M3	PIPE COLLARS	1,220	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL EL
1	M3	PIPE PLUGS	23	EA	SUPPORTS, 3-KG STEEL U-CHANNEL
449	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (102+09 -L- C)
140.01	M	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (103+21 -L- D)
5	EA	FRAME WITH GRATE, STD 840.22	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (108+00 -L- E)
93	EA	FRAME WITH TWO GRATES, STD 840.16	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+04.00 -LP2D-)
76	EA	FRAME WITH TWO GRATES, STD 840.20	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+32.73 -LP2B-)
137	EA	FRAME WITH TWO GRATES, STD 840.22	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+40.00 -LPB-)
2	EA	FRAME WITH TWO GRATES, STD 840.24	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (138+00 -L- F)
4	EA	FRAME WITH TWO GRATES, STD 840.29	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (14+40.00 -Y2-)
22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (14+82 -Y12- I)
39	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+48 -Y12- G)
46	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+00.00 -FLYOVER-)
14	EA	FRAME WITH COVER, STD 840.54	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+20.00 -Y2-)
11	M	*** X ***MM CONCRETE CURB (225MM X 300MM)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+50.00 -Y1-)
3,360	M	450MM CONCRETE CURB & GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (27+40.00 -Y1-)
6,400	M	750MM CONCRETE CURB & GUTTER			
1,295	M	SHOULDER BERM GUTTER			
2	EA	MODIFIED CONCRETE FLUME			
4,975	M	CONCRETE EXPRESSWAY GUTTER			
950	M	CONCRETE VALLEY GUTTER			
20	EA	CONCRETE WHEELCHAIR RAMPS			
16	M2	150MM CONCRETE DRIVEWAY			
4,400	M2	100MM CONCRETE ISLAND COVERS			
5,240	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
1,730	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
1	EA	ADJUSTMENT OF CATCH BASINS			
4	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
14,081.79	M	STEEL BM GUARDRAIL			
212.97	M	STEEL BM GUARDRAIL, SHOP CURVED			

			9,321	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
			438	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (30+95.00 -Y1-)	5,969	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (31+85.00 -Y1-)	413	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (41+02.00 -COL2-)	24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (41+70.00 -RP1BD-)	334	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+53.00 -L-)	384	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+69.00 -CDR-)	98,348	M	PAINT PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (55+48.00 -L-)	1,200	M	PAINT PAVEMENT MARKING LINES (200MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (64+85.00 -L-)	268	M	PAINT PAVEMENT MARKING LINES (600MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (7+00 -Y12- H)	4	EA	PAINT PAVEMENT MARKING SYMBOL
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (81+11.00 -L-)	446	M	POLYUREA PAVEMENT MARKING LINES (100MM, *****)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (89+20 -L- A)	6,424	M	POLYUREA PAVEMENT MARKING LINES (150MM, *****)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (97+20 -L- B)	5,575	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
11	EA	SIGN ERECTION, TYPE D	6,624	M	CURING COMPOUND REMOVAL, LINES
147	EA	SIGN ERECTION, TYPE E	651	EA	PERMANENT RAISED PAVEMENT MARKERS
25	EA	SIGN ERECTION, TYPE F	4,058	EA	SNOWPLOWABLE PAVEMENT MARKERS
49	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	21	EA	2.1M U-CHANNEL POSTS
16	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	500	EA	FLEXIBLE DELINEATORS (CRYSTAL)
42	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	176	EA	FLEXIBLE DELINEATORS (YELLOW)
16	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	20	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
23	EA	SIGN ERECTION, MILEMARKERS	20	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
1	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	24	EA	OBJECT MARKERS (END OF ROAD)
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	3	EA	24.5M HIGH MOUNT STANDARD
21	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	10	EA	30.5M HIGH MOUNT STANDARD
1	EA	STOCKPILE SIGN, A OR B (GROUND MOUNTED)	23	EA	36.5M HIGH MOUNT STANDARD
5	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	2	EA	PORTABLE DRIVE UNIT
19	EA	DISPOSAL OF SIGN, D, E OR F	255.5	M3	HIGH MOUNT FOUNDATIONS
171	M2	WORK ZONE SIGNS (STATIONARY)	24	EA	HIGH MOUNT LUMINAIRES ***** (400W, 480V)
115	M2	WORK ZONE SIGNS (PORTABLE)	244	EA	HIGH MOUNT LUMINAIRES ***** (750W, 480V)
40	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	5	EA	ELECTRIC SERVICE POLE ***** (9M)
4	EA	FLASHING ARROW PANELS, TYPE C	150	M	ELECTRIC SERVICE LATERAL ***** (3-#1/0 USE, TS2 RGC)
6	EA	CHANGEABLE MESSAGE SIGN	137	M	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS2)
30	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)	1,000	M	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS3)
575	EA	DRUMS	88	M	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS4)
200	EA	CONES	560	M	ELECTRICAL DUCT, TYPE BD, SIZE ***** (TS6)
242	M	BARRICADES (TYPE III)	18	M	** #8 W/G FEEDER CIRCUIT (2)
600	MD	FLAGGER	2,348	M	** #2 W/G FEEDER CIRCUIT (2)
6	EA	TEMPORARY CRASH CUSHIONS	652	M	***** FEEDER CIRCUIT (2-#1 W/G)
2	EA	TMIA	663	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
1,145	M	PORTABLE CONCRETE BARRIER	9,186	M	***#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
300	M	RESET PORTABLE CONCRETE BARRIER	2,823	M	***#1 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS2)
304	HR	POLICE	86	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
75	EA	SKINNY DRUM	20	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)
85	EA	TUBULAR MARKERS (FIXED)	6	EA	UNDERPASS LUMINAIRES ***** (70W, 480V TYPE PM)
721	EA	TEMPORARY RAISED PAVEMENT MARKERS	Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (AT US-401)
10,645	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	Lump Sum	LS	PORTABLE LIGHTING
8,784	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)			
58,286	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)			

				15	M	PAVED TRENCHING (***** (1, 50MM)
			1,150	M	UNPAVED TRENCHING (***** (1, 50MM)	
2	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW, 480V, 150A	325	M	PLOWING (***** (2, 50MM)	
3	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW, 480V, 200A	685	M	DIRECTIONAL DRILL (***** (2, 50MM)	
15	M	50MM WATER LINE	28	EA	JUNCTION BOX (STANDARD SIZE)	
58	M	150MM WATER LINE	11	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)	
106	M	200MM WATER LINE	3	EA	50MM RISER WITH HEAT SHRINK TUBING	
1,204	M	400MM WATER LINE	2,650	M	INDUCTIVE LOOP SAWCUT	
1,096	M	600MM WATER LINE	4,350	M	LEAD-IN CABLE (***** (14-2)	
1	EA	50MM VALVE	625	M	COMMUNICATIONS CABLE (**FIBER) (12)	
1	EA	150MM VALVE	500	M	DROP CABLE	
4	EA	200MM VALVE	2	EA	SPLICE ENCLOSURE	
4	EA	400MM VALVE	5	EA	INTERCONNECT CENTER	
1	EA	RELOCATE WATER METER	5	EA	FIBER-OPTIC TRANSCEIVER, SELF- HEALING RING	
3	EA	RECONNECT WATER METER	10	EA	DELINEATOR MARKER	
6	EA	RELOCATE FIRE HYDRANT	2	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT	
176	M	200MM SANITARY GRAVITY SEWER	2	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER	
5	EA	1200MM DIA UTILITY MANHOLE	4	EA	900MHZ WIRELESS RADIO SYSTEM	
4.84	M	UTILITY MANHOLE WALL, 1200MM DIA	27	EA	METAL STRAIN SIGNAL POLE	
516	M	ABANDON 150MM UTILITY PIPE	27	EA	SOIL TEST	
818	M	ABANDON 200MM UTILITY PIPE	135	M3	DRILLED PIER FOUNDATION	
1,181	M	ABANDON 400MM UTILITY PIPE	13	EA	SIGN FOR SIGNALS	
1,060	M	ABANDON 600MM UTILITY PIPE	6	EA	SIGNAL CABINET FOUNDATION	
9	EA	ABANDON UTILITY MANHOLE	6	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
60	MTN	GENERIC UTILITY ITEM FOUNDATION COND MATERIAL	38	EA	DETECTOR CARD (TYPE 2070L)	
65,200	M	TEMPORARY SILT FENCE	6	EA	CABINET BASE EXTENDER	
18,010	MTN	STONE FOR EROSION CONTROL, CLASS A	1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS LIGHTING ARRESTOR	
40,500	MTN	STONE FOR EROSION CONTROL, CLASS B	1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM	
21,895	MTN	SEDIMENT CONTROL STONE				
310.5	HA	TEMPORARY MULCHING				
5,425	KG	SEED FOR TEMPORARY SEEDING				
34.5	MTN	FERTILIZER FOR TEMPORARY SEED- ING				
12,910	M	TEMPORARY SLOPE DRAINS				
159	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
9,800	M	SAFETY FENCE				
56,145	M3	SILT EXCAVATION	5,718	M	375MM RC PIPE CULVERTS, CLASS III	
369,100	M2	MATting FOR EROSION CONTROL	2,280	M	450MM RC PIPE CULVERTS, CLASS III	
790	M2	COIR FIBER MAT	4,195.2	M	600MM RC PIPE CULVERTS, CLASS III	
25,800	M2	PERMANENT SOIL REINFORCEMENT MAT	3,188.4	M	750MM RC PIPE CULVERTS, CLASS III	
1,740	M	6.4MM HARDWARE CLOTH	1,239.6	M	900MM RC PIPE CULVERTS, CLASS III	
25	M	***MM TEMPORARY PIPE (600MM)	234	M	1050MM RC PIPE CULVERTS, CLASS III	
30	M	TEMPORARY PIPE FOR STREAM CROSSING	105.6	M	1200MM RC PIPE CULVERTS, CLASS III	
1,180	M3	STILLING BASINS				
4	EA	SPECIAL STILLING BASINS				
1,700	M	WATTLE				
1,344	KG	POLYACRYLAMIDE (PAM)				
4,845	M	COIR FIBER BAFFLES				
4	EA	***MM SKIMMER (102MM)	4,264.8	M	375MM RC PIPE CULVERTS, CLASS III	
89	EA	***MM SKIMMER (38MM)	1,108.8	M	450MM RC PIPE CULVERTS, CLASS III	
30	EA	***MM SKIMMER (51MM)	2,230.8	M	600MM RC PIPE CULVERTS, CLASS III	
11	EA	***MM SKIMMER (64MM)	1,129.2	M	750MM RC PIPE CULVERTS, CLASS III	
5	EA	***MM SKIMMER (76MM)	218.4	M	900MM RC PIPE CULVERTS, CLASS III	
671.1	HA	SEEDING & MULCHING	174	M	1050MM RC PIPE CULVERTS, CLASS III	
371	HA	MOWING	103.2	M	1200MM RC PIPE CULVERTS, CLASS III	
7,975	KG	SEED FOR REPAIR SEEDING	60	M	***MM HDPE PIPE CULVERTS (1000MM)	
26.75	MTN	FERTILIZER FOR REPAIR SEEDING	2.4	M	***MM HDPE PIPE CULVERTS (1200MM)	
6,650	KG	SEED FOR SUPPLEMENTAL SEEDING	1,453.2	M	***MM HDPE PIPE CULVERTS (400MM)	
396	MTN	FERTILIZER TOPDRESSING	1,171.2	M	***MM HDPE PIPE CULVERTS (450MM)	
360	M	IMPERVIOUS DIKE	1,964.4	M	***MM HDPE PIPE CULVERTS (600MM)	
1,014.5	HR	SPECIALIZED HAND MOWING	2,059.2	M	***MM HDPE PIPE CULVERTS (800MM)	
216	EA	RESPONSE FOR EROSION CONTROL	1,021.2	M	***MM HDPE PIPE CULVERTS (900MM)	
1,463	M3	CULVERT DIVERSION CHANNEL				
9	HA	REFORESTATION				
2,660	M	SIGNAL CABLE				
74	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)				
1	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)				
1	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)				
1,300	M	MESSSENGER CABLE (9.52MM)	4,264.8	M	375MM RC PIPE CULVERTS, CLASS III	
950	M	TRACER WIRE				

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

*** OR ***

*** OR ***

			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (58+15.000-L-LT)
1,108.8	M	450MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (77+44.00-L-LT)
2,230.8	M	600MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (58+35.000-CDR-)
1,129.2	M	750MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,102+62.953-L-)
218.4	M	900MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,146+39.081-L-EBL)
174	M	1050MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,146+39.081-L-WBL)
103.2	M	1200MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,66+01.153-L-LT)
60	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (1000MM, 2.01MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,66+01.153-L-RT)
2.4	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (1200MM, 2.01MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,66+11.952-CDR-)
1,453.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (400MM, 1.63MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,77+44.00-L-LT)
1,171.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (450MM, 1.63MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,77+44.00-L-RT)
1,964.4	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (600MM, 1.63MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,146+39.081-L-EBL)
2,059.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (800MM, 2.01MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,146+39.081-L-WBL)
1,021.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (900MM, 2.01MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,146+39.081-L-EBL)

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (105+03.000-L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,146+39.081-L-EBL)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (130+30.000-L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,146+39.081-L-WBL)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+14.000-Y-REV)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,63+66.830-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (2+98.000-Y-RAMPA)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5,146+39.081-L-EBL)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (46+47.000-L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5,146+39.081-L-WBL)
1,141	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5,63+66.830-L-)
1,753.5	M3	CLASS A CONCRETE (CULVERT)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (6,63+66.830-L-)
140,447	KG	REINFORCING STEEL (CULVERT)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (7,63+66.830-L-)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA ***** (130+00.000-L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (7,63+66.830-L-)

WALL ITEMS

5,327	M2	MSE RETAINING WALLS	18	EA	PDA TESTING
2,636	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALLS, TWO STAGE	18	EA	PDA ASSISTANCE
5,895	M2	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL	43,816.1	M2	REINFORCED CONCRETE DECK SLAB
3,976.408	M2	GENERIC RETAINING WALL ITEM VISUAL BARRIER WALL	41,777	M2	GROOVING BRIDGE FLOORS
			997.8	M3	CLASS AA CONCRETE (BRIDGE)
			5,396.1	M3	CLASS A CONCRETE (BRIDGE)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (118+17.500-L-WBL)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (102+62.953-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+72.000-FLYOVER-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+17.500-L-EBL)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+17.500-L-WBL)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (146+39.081-L-EBL)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (146+39.081-L-WBL)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+72.000-FLYOVER-)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+33.963-RP1BD-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+41.155-COL2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (56+05.973-CDR-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (58+15.000-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (58+15.000-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (58+35.000-CDR-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (63+66.830-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+01.153-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+01.153-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+11.952-CDR-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+44.00-L-RT)
599,365	KG	REINFORCING STEEL (BRIDGE)
41,360	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
3,950.624	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
3,375.02	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
1,813,815	LS	APPROX KG STRUCTURAL STEEL
21,908	M	HP310X79 STEEL PILES
11,936	M	HP310X79 GALVANIZED STEEL PILES
7,562.1	M	HP360X108 STEEL PILES
570	M	HP360X108 GALVANIZED STEEL PILES
754	EA	PILE REDRIVES
5,715.431	M	CONCRETE BARRIER RAIL
223.92	M	*** X ****MM CONCRETE PARAPET (305 X 457)
125.28	M	****MM CHAIN LINK FENCE (1829MM)
4,966	M2	100MM SLOPE PROTECTION
12,831	MTN	RIP RAP CLASS II (600MM THICK)
13,509	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
781.872	M	914MM X 533MM PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,018,000KG STRUCTURAL STEEL
Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,044,800KG STRUCTURAL STEEL
Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,542,000KG STRUCTURAL STEEL
1,282.311	M2	GENERIC STRUCTURE ITEM VISUAL BARRIER WALL ON STRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 005

CONTRACT ID : C201965 34501.3.4

DIV OFFICE GREENVILLE

LENGTH = 4.028 MI

COUNTY : LENOIR

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : OCT 01 2012

CRESCENT ROAD FROM US-70 TO US-258 IN KINSTON.

ROADWAY ITEMS					
			296	LF	48" RC PIPE CULVERTS, CLASS III
			600	LF	54" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	MOBILIZATION	540	LF	60" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	FIELD OFFICE			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	268	LF	**** RC PIPE CULVERTS, CLASS IV (30")
5	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
115,500	CY	UNCLASSIFIED EXCAVATION	624	LF	**** RC PIPE CULVERTS, CLASS IV (36")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (113+13.81-L-LT)	372	LF	**** RC PIPE CULVERTS, CLASS IV (48")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (113+62.33-L-RT)	308	LF	**** RC PIPE CULVERTS, CLASS IV (66")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (211+80.69-L-RT)	96	LF	** CS PIPE CULVERTS, ***** THICK (36", 0.079")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (211+96.72-L-LT)	68	LF	** CS PIPE CULVERTS, ***** THICK (48", 0.109")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (247+69.78-L-RT)	200	LF	15" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (248+69.15-L-LT)	136	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (29+01.31-Y1RPCA-)	1,807	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (51+72.74-L-LT)	276	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (85+87.56-L-LT)	92	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (86+08.82-L-RT)	31	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (97+12.41-Y1-LT)	4	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (97+40.48-Y1-RT)	2,421	LF	PIPE REMOVAL
34,050	CY	UNDERCUT EXCAVATION	200	SY	6" SLOPE PROTECTION
1,000	TON	CLASS IV SUBGRADE STABILIZATION	Lump Sum	LS	FINE GRADING
3,303,100	CY	BORROW EXCAVATION	100	TON	#57 STONE
2	EA	EMBANKMENT SETTLEMENT GAUGES	3,000	TON	STABILIZER AGGREGATE
16,700	CY	DRAINAGE DITCH EXCAVATION	206,600	TON	AGGREGATE BASE COURSE
300	LF	BERM DITCH CONSTRUCTION	1,000	TON	INCIDENTAL STONE BASE
34,000	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	7,500	GAL	PRIME COAT
80	HR	PROOF ROLLING	200	SY	INCIDENTAL MILLING
5,500	SY	FABRIC FOR SOIL STABILIZATION	6,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,000	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL	55,930	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
3,500	SY	GENERIC GRADING ITEM PERMANENT TURF REINFORCEMENT MAT	180	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
10,000	SY	GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCEMENT	68,460	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
5,650	TON	SELECT MATERIAL, CLASS II	9,250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,955	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	60,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
52	LF	*** SIDE DRAIN PIPE (12")	6,465	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
28	LF	*** SIDE DRAIN PIPE (30")	3,615	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
176	LF	*** SIDE DRAIN PIPE (36")	770	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
232	LF	15" SIDE DRAIN PIPE	115,000	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
124	LF	18" SIDE DRAIN PIPE	2,184	CY	SUBDRAIN EXCAVATION
176	LF	24" SIDE DRAIN PIPE	1,092	CY	SUBDRAIN FINE AGGREGATE
2,176	LF	36" RC PIPE CULVERTS, CLASS III	6,500	LF	6" PERFORATED SUBDRAIN PIPE
548	LF	42" RC PIPE CULVERTS, CLASS III	195	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
			13	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			78	LF	6" OUTLET PIPE (SUBDRAINS)
			77.9	CY	ENDWALLS
			55.2	CY	REINFORCED ENDWALLS
			3	CY	PIPE COLLARS
			163	EA	MASONRY DRAINAGE STRUCTURES
			12.4	LF	MASONRY DRAINAGE STRUCTURES

			12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
5	EA	FRAME WITH GRATE, STD 840.22			
13	EA	FRAME WITH TWO GRATES, STD 840.16			
75	EA	FRAME WITH TWO GRATES, STD 840.20			
39	EA	FRAME WITH TWO GRATES, STD 840.22			
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
8,620	LF	2'-6" CONCRETE CURB & GUTTER			
4,700	LF	SHOULDER BERM GUTTER			
2	EA	MODIFIED CONCRETE FLUME			
12,010	LF	CONCRETE EXPRESSWAY GUTTER			
18	EA	CONCRETE WHEELCHAIR RAMPS			
220	SY	6" CONCRETE DRIVEWAY			
50	SY	4" CONCRETE PAVED DITCH			
3,530	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
4,000	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
5	EA	ADJUSTMENT OF CATCH BASINS			
3	EA	ADJUSTMENT OF MANHOLES			
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER			
4	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
27,650	LF	STEEL BM GUARDRAIL			
20	EA	ADDITIONAL GUARDRAIL POSTS			
17	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
24	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
11	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350			
44	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83			
213	LF	REMOVE & RESET EXISTING GUARD- RAIL			
1,110	LF	REMOVE EXISTING GUARDRAIL			
63	LF	TEMPORARY STEEL BM GUARDRAIL			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			
25,800	LF	DOUBLE FACED CABLE GUIDERAIL			
38	EA	CABLE GUIDERAIL ANCHOR UNITS			
58,890	LF	WOVEN WIRE FENCE, 47" FABRIC			
3,760	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
770	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
500	LF	ADDITIONAL BARBED WIRE			
1,565	TON	RIP RAP, CLASS I			
30	TON	RIP RAP, CLASS A			
1,980	TON	RIP RAP, CLASS B			
70	TON	BOULDERS			
8,850	SY	FILTER FABRIC FOR DRAINAGE			
14	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
18	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS			
48	CY	OVERHEAD FOOTING			
12,760	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
85	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
2,432	LF	SUPPORTS, WOOD			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (27+00 -Y1-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (37+00 -Y1-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (70+50 -L-)			
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (89+50 -L-)			
6	EA	SIGN ERECTION, TYPE D			
152	EA	SIGN ERECTION, TYPE E			
6	EA	SIGN ERECTION, TYPE F			
			12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
			2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
			9	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
			343	SF	WORK ZONE SIGNS (STATIONARY)
			672	SF	WORK ZONE SIGNS (PORTABLE)
			121	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			6	EA	FLASHING ARROW PANELS, TYPE C
			4	EA	CHANGEABLE MESSAGE SIGN
			470	EA	DRUMS
			60	EA	CONES
			472	LF	BARRICADES (TYPE III)
			460	MD	FLAGGER
			4	EA	TMIA
			600	EA	TEMPORARY RAISED PAVEMENT MARKERS
			81,502	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			85,806	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			89,776	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
			18,576	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
			5,882	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
			792	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			113	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			2,307	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			6,139	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (III)
			59,193	LF	PAINT PAVEMENT MARKING LINES (4")
			290	LF	PAINT PAVEMENT MARKING LINES (24")
			19	EA	PAINT PAVEMENT MARKING SYMBOL
			15,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			1,885	EA	SNOWPLOWABLE PAVEMENT MARKERS
			18	EA	7' U-CHANNEL POSTS
			190	EA	FLEXIBLE DELINEATORS (CRYSTAL)
			120	EA	FLEXIBLE DELINEATORS (YELLOW)
			5	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
			5	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
			18	EA	OBJECT MARKERS (END OF ROAD)
			46	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
			149	LF	*** WATER LINE (42")
			220	LF	4" WATER LINE
			60	LF	6" WATER LINE
			418	LF	8" WATER LINE
			471	LF	12" WATER LINE
			821	LF	16" WATER LINE
			4	EA	RELOCATE WATER METER
			1	EA	RECONNECT WATER METER
			2	EA	FIRE HYDRANT
			5	EA	RELOCATE FIRE HYDRANT
			149	LF	ABANDON *** UTILITY PIPE (42")
			447	LF	ABANDON 12" UTILITY PIPE
			808	LF	ABANDON 16" UTILITY PIPE
			5	EA	REMOVE WATER METER
			2	EA	REMOVE FIRE HYDRANT
			280	LF	30" ENCASMENT PIPE
			144,000	LF	TEMPORARY SILT FENCE
			9,380	TON	STONE FOR EROSION CONTROL, CLASS A
			20,895	TON	STONE FOR EROSION CONTROL, CLASS B
			11,700	TON	SEDIMENT CONTROL STONE
			442	ACR	TEMPORARY MULCHING
			7,800	LB	SEED FOR TEMPORARY SEEDING
			32	TON	FERTILIZER FOR TEMPORARY SEED- ING
			16,550	LF	TEMPORARY SLOPE DRAINS
			119	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			13,200	LF	SAFETY FENCE

				2	EA	CABINET BASE EXTENDER	
				1	EA	TRAFFIC SIGNAL REMOVAL	
				4	EA	METAL POLE FOUNDATION REMOVAL	
				4	EA	METAL POLE REMOVAL	
73,500	CY	SILT EXCAVATION					
48,000	SY	MATting FOR EROSION CONTROL					
285	SY	COIR FIBER MAT					
650	SY	PERMANENT SOIL REINFORCEMENT MAT					***** BEGIN SCHEDULE AA *****
							***** (3 ALTERNATES) *****
6,500	LF	1/4" HARDWARE CLOTH	6,708	LF	15" RC PIPE CULVERTS, CLASS III		
100	LF	TEMPORARY PIPE FOR STREAM CROSSING	2,328	LF	18" RC PIPE CULVERTS, CLASS III		
1,395	CY	STILLING BASINS	1,344	LF	24" RC PIPE CULVERTS, CLASS III		
4	EA	SPECIAL STILLING BASINS	2,664	LF	30" RC PIPE CULVERTS, CLASS III		
550	LF	WATTLE					*** OR ***
300	LB	POLYACRYLAMIDE (PAM)	5,828	LF	15" RC PIPE CULVERTS, CLASS III		
5,150	LF	COIR FIBER BAFFLES	1,944	LF	18" RC PIPE CULVERTS, CLASS III		
15	EA	*** SKIMMER (1-1/2")	1,296	LF	24" RC PIPE CULVERTS, CLASS III		
9	EA	*** SKIMMER (2")	1,204	LF	30" RC PIPE CULVERTS, CLASS III		
1	EA	*** SKIMMER (5")	880	LF	***" HDPE PIPE CULVERTS (15")		
869.5	ACR	SEEDING & MULCHING	384	LF	***" HDPE PIPE CULVERTS (18")		
533.5	ACR	MOWING	48	LF	***" HDPE PIPE CULVERTS (24")		
3,600	LB	SEED FOR REPAIR SEEDING	1,460	LF	***" HDPE PIPE CULVERTS (30")		
17.25	TON	FERTILIZER FOR REPAIR SEEDING					*** OR ***
10,675	LB	SEED FOR SUPPLEMENTAL SEEDING	5,828	LF	15" RC PIPE CULVERTS, CLASS III		
320	TON	FERTILIZER TOPDRESSING	1,944	LF	18" RC PIPE CULVERTS, CLASS III		
260	LF	IMPERVIOUS DIKE	1,296	LF	24" RC PIPE CULVERTS, CLASS III		
5	HR	SPECIALIZED HAND MOWING	1,204	LF	30" RC PIPE CULVERTS, CLASS III		
54	EA	RESPONSE FOR EROSION CONTROL	880	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")		
2,310	CY	CULVERT DIVERSION CHANNEL	384	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")		
3	ACR	REFORESTATION	48	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")		
6.5	ACR	STREAMBANK REFORESTATION	1,460	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (30", 0.079")		
1,143	ACR	WETLAND REFORESTATION					*** END SCHEDULE AA ***
18	EA	GENERIC EROSION CONTROL ITEM LOG					
Lump Sum	LS	GENERIC EROSION CONTROL ITEM CONSTRUCTION SURVEYING FOR MITIGATION	5,828	LF	15" RC PIPE CULVERTS, CLASS III		
Lump Sum	LS	GENERIC EROSION CONTROL ITEM DIVERSION PUMPING FOR MITIGATION	1,944	LF	18" RC PIPE CULVERTS, CLASS III		
Lump Sum	LS	GENERIC EROSION CONTROL ITEM GRADING FOR MITIGATION	1,296	LF	24" RC PIPE CULVERTS, CLASS III		
1,143	ACR	GENERIC EROSION CONTROL ITEM DISKING	1,204	LF	30" RC PIPE CULVERTS, CLASS III		
1,143	ACR	GENERIC EROSION CONTROL ITEM RIPPING	880	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")		
140	CY	GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL	384	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")		
1,820	LF	SIGNAL CABLE	48	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")		
12	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	1,460	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (30", 0.079")		
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)					
4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)					
1,270	LF	MESSENGER CABLE (3/8")					
2,900	LF	TRACER WIRE					
25	LF	PAVED TRENCHING (***** (1, 2")					
4,100	LF	UNPAVED TRENCHING (***** (1, 2")	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (139+60.00-L-)		
10	EA	JUNCTION BOX (STANDARD SIZE)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (153+62.00-L-)		
5	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (16+14.00-Y1RPCA-)		
1	EA	GUY ASSEMBLY	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (38+22.00-Y1-)		
1	EA	2" RISER WITH HEAT SHRINK TUBING	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (74+43.00-Y1-)		
2,410	LF	INDUCTIVE LOOP SAWCUT	3,483	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT		
7,860	LF	LEAD-IN CABLE (***** (14-2)	7,541.4	CY	CLASS A CONCRETE (CULVERT)		
4,210	LF	COMMUNICATIONS CABLE (**FIBER) (12)	1,062,147	LB	REINFORCING STEEL (CULVERT)		
1	EA	SPLICE ENCLOSURE					
2	EA	INTERCONNECT CENTER					
2	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT					
5	EA	DELINEATOR MARKER					
1	EA	FURNISH FIBER-OPTIC TRANSCEIVER					
1,266	LF	REMOVE EXISTING COMMUNICATIONS CABLE	23,971	SF	MSE RETAINING WALLS		
8	EA	METAL STRAIN SIGNAL POLE	36,800	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL (114+40.00-L-)		
8	EA	SOIL TEST	29,234	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL (139+30.00-L-)		
56	CY	DRILLED PIER FOUNDATION					
4	EA	SIGN FOR SIGNALS					
2	EA	SIGNAL CABINET FOUNDATION					
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)					
13	EA	DETECTOR CARD (TYPE 2070L)					

CULVERT ITEMS

WALL ITEMS

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+99.24-Y1RPCA-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 51+64.57-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 85+98.30-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 85+98.30-L-RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 85+98.30-L-LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 85+98.30-L-RT)
8	EA	PDA TESTING
8	EA	PDA ASSISTANCE
125,510	SF	REINFORCED CONCRETE DECK SLAB
132,629	SF	GROOVING BRIDGE FLOORS
1,460.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (113+38.09-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (113+38.09-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (211+67.44-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (211+67.44-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (248+68.10-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (248+68.10-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+99.24-Y1RPCA-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (51+64.57-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (85+98.30-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (85+98.30-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (97+26.78-Y1-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (97+26.78-Y1-RT)
266,809	LB	REINFORCING STEEL (BRIDGE)
10,902	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
883.33	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1,030.64	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
4,319,441	LS	APPROX LBS STRUCTURAL STEEL
26,185	LF	HP12X53 STEEL PILES
8,355	LF	HP14X73 STEEL PILES
52	EA	STEEL PILE POINTS
220	EA	PILE REDRIVES
5,014.41	LF	CONCRETE BARRIER RAIL
5,223	SY	4" SLOPE PROTECTION
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 006

CONTRACT ID : C202028 34817.3.9

DIV OFFICE FAYETTEVILLE

LENGTH = 1.922 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 01 2012

FAYETTEVILLE OUTER LOOP FROM EAST OF SR-1415 (YADKIN RD) TO WEST OF NC-24 (BRAGG BLVD).

ROADWAY ITEMS						
			40.8	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
			14.4	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
Lump Sum	LS	MOBILIZATION	58	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	CONSTRUCTION SURVEYING	2	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
18,130	M3	GENERIC MISCELLANEOUS ITEM CHIPPED TIRE MATERIAL	4	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK	
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	65	M	PIPE REMOVAL	
2	HA	SUPPLEMENTARY CLEARING & GRUBBING	110	M2	150MM SLOPE PROTECTION	
4	EA	SEALING ABANDONED WELLS	Lump Sum	LS	FINE GRADING	
313,800	M3	UNCLASSIFIED EXCAVATION	2,000	MTN	STABILIZER AGGREGATE	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+10.929 -LP1B-)	53,900	MTN	AGGREGATE BASE COURSE	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+60.500 -RP1A-)	1,000	MTN	INCIDENTAL STONE BASE	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+08.916 -COL2-)	2,530	L	PRIME COAT	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+39.100 -RP1BD-)	2,000	M2	MILLING ASPHALT PAVEMENT, *** TO ***MM DEPTH (0MM TO 40MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+39.100 -RP1BD-)	585	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+39.100 -RP1BD-)	3,805	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	
28,600	M3	UNDERCUT EXCAVATION	395	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
1,200	MTN	CLASS IV SUBGRADE STABILIZATION	22,185	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
1,683,700	M3	BORROW EXCAVATION	570	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
4,660	M3	DRAINAGE DITCH EXCAVATION	20,430	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
230	M	BERM DITCH CONSTRUCTION	2,980	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	
19,600	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,290	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
19	HR	PROOF ROLLING	1,230	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	
28,700	M3	SELECT GRANULAR MATERIAL	170	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	
35,500	M2	FABRIC FOR SOIL STABILIZATION	50	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	
5,500	M3	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	2,100	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	
5,500	M2	GENERIC GRADING ITEM FABRIC FOR EMBANK STABILIZATION	539	M3	SUBDRAIN EXCAVATION	
22,800	M2	GENERIC GRADING ITEM GEOGRID REINFORCEMENT	270	M3	SUBDRAIN FINE AGGREGATE	
9,200	M2	GENERIC GRADING ITEM PERM TURF REINF MAT	650	M	150MM PERFORATED SUBDRAIN PIPE	
4,750	M2	GENERIC GRADING ITEM ROCK PLATING	65	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	
Lump Sum	LS	GENERIC GRADING ITEM TEMPORARY BRIDGE APPROACH FILL STA 29+05.369 -L-WBL	5	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	
Lump Sum	LS	GENERIC GRADING ITEM TEMPORARY BRIDGE APPROACH FILL STA 29+08.861 -L-EBL	10	M	150MM OUTLET PIPE (SUBDRAINS)	
Lump Sum	LS	GENERIC GRADING ITEM TEMPORARY BRIDGE APPROACH FILL STA 29+12.986 -COL1-	32.8	M3	ENDWALLS	
14,000	MTN	SELECT MATERIAL, CLASS III	5.4	M3	REINFORCED ENDWALLS	
1,940	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	4.5	M3	PIPE COLLARS	
91.2	M	900MM RC PIPE CULVERTS, CLASS III	0.5	M3	PIPE PLUGS	
171.6	M	1050MM RC PIPE CULVERTS, CLASS III	136	EA	MASONRY DRAINAGE STRUCTURES	
626.4	M	1200MM RC PIPE CULVERTS, CLASS III	24.1	M3	MASONRY DRAINAGE STRUCTURES	
12	M	1800MM RC PIPE CULVERTS, CLASS III	7.5	M	MASONRY DRAINAGE STRUCTURES	
588	M	*****MM RC PIPE CULVERTS, CLASS IV (1200MM)	1	EA	FRAME WITH GRATE, STD 840.22	
154.8	M	*****MM RC PIPE CULVERTS, CLASS IV (1800MM)	48	EA	FRAME WITH TWO GRATES, STD 840.20	
165.6	M	*****MM RC PIPE CULVERTS, CLASS IV (750MM)	67	EA	FRAME WITH TWO GRATES, STD 840.22	
682.8	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	
50.4	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
			2	EA	FRAME WITH COVER, STD 840.54	
			390	M	750MM CONCRETE CURB & GUTTER	
			2,210	M	SHOULDER BERM GUTTER	
			4	EA	MODIFIED CONCRETE FLUME	
			50	M	CONCRETE VALLEY GUTTER	
			25	M2	100MM CONCRETE PAVED DITCH	
			3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	

			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (35+10 -RP1BD-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (37+90 -RP1BD-)
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350	2	EA	SIGN ERECTION, TYPE D
4,255.77	M	STEEL BM GUARDRAIL	14	EA	SIGN ERECTION, TYPE E
10	EA	ADDITIONAL GUARDRAIL POSTS	3	EA	SIGN ERECTION, TYPE F
12	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	22	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III	3	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
18	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	13	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
19	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	2	EA	SIGN ERECTION, MILEMARKERS
2,400	M	REMOVE EXISTING GUARDRAIL	8	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
2,100	M	DOUBLE FACED CABLE GUIDERAIL	4	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
8	EA	CABLE GUIDERAIL ANCHOR UNITS	10	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
2,500	M	WOVEN WIRE FENCE, 1200MM FABRIC	10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
532	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
112	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
3,650	M	CHAIN LINK FENCE, ****MM FABRIC (2100MM)	1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
995	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (2100MM)	3	EA	DISPOSAL OF SIGN, D, E OR F
45	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (2100MM)	35	M2	WORK ZONE SIGNS (STATIONARY)
6	EA	METAL GATE POSTS FOR ****MM CHAIN LINK FENCE, DOUBLE GATE (2100MM)	43	M2	WORK ZONE SIGNS (PORTABLE)
150	M	ADDITIONAL BARBED WIRE	16	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (2100MM, 5350MM, 10700MM)	2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (2100MM, 7500MM, 15000MM)	2	EA	CHANGEABLE MESSAGE SIGN
140	M	CHAIN LINK FENCE RESET	200	EA	DRUMS
245	MTN	RIP RAP, CLASS I	146	M	BARRICADES (TYPE III)
220	MTN	RIP RAP, CLASS II	2	EA	TEMPORARY CRASH CUSHIONS
1,575	MTN	RIP RAP, CLASS B	2	EA	RESET TEMPORARY CRASH CUSHIONS
12,765	M2	FILTER FABRIC FOR DRAINAGE	2	EA	TMIA
5	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	3,322	M	PORTABLE CONCRETE BARRIER
16	M3	REINFORCED CONCRETE SIGN FOUNDATIONS	41	M	PORTABLE CONCRETE BARRIER (ANCHORED)
168	M3	OVERHEAD FOOTING	1,200	M	PORTABLE CONCRETE BARRIER (DRAINAGE)
5,895	KG	SUPPORTS, BREAKAWAY STEEL BEAM	4,102	M	RESET PORTABLE CONCRETE BARRIER
197	KG	SUPPORTS, SIMPLE STEEL BEAM	500	HR	POLICE
161	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL	98	EA	TUBULAR MARKERS (FIXED)
2	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CROSSOVERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (10+00 -RP1D-)	450	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (11+00 -Y1-)	9,638	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+20 -Y1-)	2,478	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (16+80 -Y1-)	6,770	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+00 -Y1-)	666	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (24+20 -RP1BD-)	1,833	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (27+70 -Y1-)	751	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (28+30 -Y1-)	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (29+20 -COL2-)	17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (31+75 -Y1-)	396	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+00 -Y1-)	41,532	M	PAINT PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (33+16 -COL2-)	580	M	PAINT PAVEMENT MARKING LINES (300MM)
			12	EA	PAINT PAVEMENT MARKING SYMBOL
			201	M	POLYUREA PAVEMENT MARKING LINES (100MM, *****) (HIGHLY REFLECTIVE ELEMENTS)
			2,140	M	POLYUREA PAVEMENT MARKING LINES (150MM, *****) (HIGHLY REFLECTIVE ELEMENTS)
			14	M	POLYUREA PAVEMENT MARKING LINES (200MM, *****) (HIGHLY REFLECTIVE ELEMENTS)
			5,408	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)

96	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
1,880	M	CURING COMPOUND REMOVAL, LINES
42	EA	PERMANENT RAISED PAVEMENT MARKERS
868	EA	SNOWPLOWABLE PAVEMENT MARKERS
44	EA	FLEXIBLE DELINEATORS (CRYSTAL)
52	EA	FLEXIBLE DELINEATORS (YELLOW)
Lump Sum	LS	PORTABLE LIGHTING
122	M	ABANDON 200MM UTILITY PIPE
1	EA	ABANDON UTILITY MANHOLE
37,200	M	TEMPORARY SILT FENCE
4,190	MTN	STONE FOR EROSION CONTROL, CLASS A
15,450	MTN	STONE FOR EROSION CONTROL, CLASS B
8,270	MTN	SEDIMENT CONTROL STONE
161.5	HA	TEMPORARY MULCHING
2,725	KG	SEED FOR TEMPORARY SEEDING
18	MTN	FERTILIZER FOR TEMPORARY SEEDING
5,400	M	TEMPORARY SLOPE DRAINS
86	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
4,150	M	SAFETY FENCE
18,405	M3	SILT EXCAVATION
104,300	M2	MATTING FOR EROSION CONTROL
275	M2	COIR FIBER MAT
3,850	M2	PERMANENT SOIL REINFORCEMENT MAT
715	M	6.4MM HARDWARE CLOTH
748	M3	STILLING BASINS
590	M	WATTLE
477	KG	POLYACRYLAMIDE (PAM)
1,655	M	COIR FIBER BAFFLES
1	EA	***MM SKIMMER (102MM)
35	EA	***MM SKIMMER (38MM)
11	EA	***MM SKIMMER (51MM)
6	EA	***MM SKIMMER (64MM)
2	EA	***MM SKIMMER (76MM)
351	HA	SEEDING & MULCHING
177	HA	MOWING
3,825	KG	SEED FOR REPAIR SEEDING
12.75	MTN	FERTILIZER FOR REPAIR SEEDING
3,175	KG	SEED FOR SUPPLEMENTAL SEEDING
190.25	MTN	FERTILIZER TOPDRESSING
368	M	IMPERVIOUS DIKE
186	HR	SPECIALIZED HAND MOWING
72	EA	RESPONSE FOR EROSION CONTROL
845	M3	CULVERT DIVERSION CHANNEL
1	HA	REFORESTATION

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

1,911.6	M	375MM RC PIPE CULVERTS, CLASS III
555.6	M	450MM RC PIPE CULVERTS, CLASS III
705.6	M	600MM RC PIPE CULVERTS, CLASS III
363.6	M	750MM RC PIPE CULVERTS, CLASS III
		*** OR ***
1,767.6	M	375MM RC PIPE CULVERTS, CLASS III
364.8	M	450MM RC PIPE CULVERTS, CLASS III
565.2	M	600MM RC PIPE CULVERTS, CLASS III
250.8	M	750MM RC PIPE CULVERTS, CLASS III
144	M	****MM HDPE PIPE CULVERTS (375MM)
190.8	M	****MM HDPE PIPE CULVERTS (450MM)
140.4	M	****MM HDPE PIPE CULVERTS (600MM)
112.8	M	****MM HDPE PIPE CULVERTS (750MM)
		*** OR ***
1,767.6	M	375MM RC PIPE CULVERTS, CLASS III

364.8	M	450MM RC PIPE CULVERTS, CLASS III
565.2	M	600MM RC PIPE CULVERTS, CLASS III
250.8	M	750MM RC PIPE CULVERTS, CLASS III
144	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (400MM, 1.63MM)
190.8	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (450MM, 1.63MM)
140.4	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (600MM, 1.63MM)
112.8	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (800MM, 2.01MM)

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (22+70.320-L-POT)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (30+73.000-L-)
1,016	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1,756.7	M3	CLASS A CONCRETE (CULVERT)
117,995	KG	REINFORCING STEEL (CULVERT)

WALL ITEMS

1,624	M2	MSE RETAINING WALLS
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STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+60.500-RP1A-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (28+66.746-COL2-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (28+72.626-RP1BD-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+34.958-Y1-LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+34.958-Y1-RT)
1,171.5	M3	FOUNDATION EXCAVATION
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1 PART A, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1 PART B, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1 PART C, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 12+10.929-LP1B-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2 PART A, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2 PART B, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2 PART C, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 12+10.929-LP1B-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 14+60.500-RP1A-)
9	EA	PDA TESTING
9	EA	PDA ASSISTANCE
15,066.4	M2	REINFORCED CONCRETE DECK SLAB

14,817.6	M2	GROOVING BRIDGE FLOORS
3,032.9	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+10.929-LP1B-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+60.500-RP1A-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+34.958-Y1-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+34.958-Y1-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+66.746-COL2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+72.626-RP1BD-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (34+21.044-RP1BD-)
284,842	KG	REINFORCING STEEL (BRIDGE)
10,396	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
121,596	M	914MM PRESTRESSED CONCRETE GIRDERS
272,828	M	1143MM PRESTRESSED CONCRETE GIRDERS
960.68	M	1372MM PRESTRESSED CONCRETE GIRDERS
2,744,900	LS	APPROX KG STRUCTURAL STEEL
1,059	M	HP310X79 STEEL PILES
13,517	M	HP360X108 STEEL PILES
1,598	M	HP360X108 GALVANIZED STEEL PILES
260	M	PP ** X **** GALVANIZED STEEL PILES (457MM X 12.7MM)
268	EA	PILE REDRIVES
2,109,748	M	CONCRETE BARRIER RAIL
3,534.1	M2	100MM SLOPE PROTECTION
985.2	M2	CLASS I, SURFACE PREPARATION
178.4	M2	CLASS IA, SURFACE PREPARATION
49.3	M2	CLASS II, SURFACE PREPARATION
55.6	M3	LATEX MODIFIED CONC OVERLAY
1,538.5	M2	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
3,445	MTN	RIP RAP CLASS II (600MM THICK)
3,516	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM POST TENSIONING TENDONS
133.5	M3	GENERIC STRUCTURE ITEM 41.4MPA CONCRETE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 007

CONTRACT ID : C201495 33225.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.884 MI

COUNTY : PITT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : MAY 15 2012

BRIDGES #127 & #129 OVER TAR RIVER AND APPROACHES ON SR-1565.

ROADWAY ITEMS

			11	EA	DISPOSAL OF SIGN SYSTEM, WOOD
			40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			30	EA	DRUMS
Lump Sum	LS	MOBILIZATION	95	EA	CONES
Lump Sum	LS	CONSTRUCTION SURVEYING	60	LF	BARRICADES (TYPE III)
40	MO	FIELD OFFICE	740	HR	FLAGGER
Lump Sum	LS	REINFORCED BRIDGE APPROACH	3	EA	TEMPORARY CRASH CUSHIONS
		FILL, STATION *****	1	EA	RESET TEMPORARY CRASH CUSHIONS
		(38+88.50)	2	EA	TMIA
Lump Sum	LS	GRADING	249	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	86	EA	TEMPORARY RAISED PAVEMENT MARKERS
8,400	CY	UNDERCUT EXCAVATION	5,330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1	EA	EMBANKMENT SETTLEMENT GAUGES	5,330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
335	CY	DRAINAGE DITCH EXCAVATION	8,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
200	SY	FABRIC FOR SOIL STABILIZATION	6,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
4,350	SF	TEMPORARY SHORING	30,332	LF	PAINT PAVEMENT MARKING LINES (4")
8,200	CY	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	59	EA	PERMANENT RAISED PAVEMENT MARKERS
80	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	8,100	LF	TEMPORARY SILT FENCE
20	LF	15" SIDE DRAIN PIPE	50	TON	STONE FOR EROSION CONTROL, CLASS A
24	LF	18" SIDE DRAIN PIPE	1,085	TON	STONE FOR EROSION CONTROL, CLASS B
208	LF	18" RC PIPE CULVERTS, CLASS III	730	TON	SEDIMENT CONTROL STONE
300	LF	48" RC PIPE CULVERTS, CLASS III	12	ACR	TEMPORARY MULCHING
68	LF	60" RC PIPE CULVERTS, CLASS III	450	LB	SEED FOR TEMPORARY SEEDING
116	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	2.75	TON	FERTILIZER FOR TEMPORARY SEEDING
4	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	750	LF	TEMPORARY SLOPE DRAINS
120	LF	*** WELDED STEEL PIPE IN SOIL (60")	16	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
60	TON	AGGREGATE BASE COURSE	1,000	LF	SAFETY FENCE
200	TON	INCIDENTAL STONE BASE	2,165	CY	SILT EXCAVATION
57	GAL	PRIME COAT	1,380	SY	MATTING FOR EROSION CONTROL
300	SY	INCIDENTAL MILLING	20	SY	COIR FIBER MAT
2,610	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	80	LF	1/4" HARDWARE CLOTH
1,420	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	25	EA	SPECIAL STILLING BASINS
205	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	750	LF	COIR FIBER BAFFLES
200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	EA	*** SKIMMER (1-1/2")
22.4	CY	SUBDRAIN EXCAVATION	1	EA	*** SKIMMER (2")
16.8	CY	SUBDRAIN FINE AGGREGATE	19	ACR	SEEDING & MULCHING
100	LF	6" PERFORATED SUBDRAIN PIPE	11.5	ACR	MOWING
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	100	LB	SEED FOR REPAIR SEEDING
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	0.5	TON	FERTILIZER FOR REPAIR SEEDING
6	LF	6" OUTLET PIPE (SUBDRAINS)	475	LB	SEED FOR SUPPLEMENTAL SEEDING
36.7	CY	ENDWALLS	13.75	TON	FERTILIZER TOPDRESSING
5.6	CY	REINFORCED ENDWALLS	430	LF	IMPERVIOUS DIKE
0.893	CY	PIPE COLLARS	6	HR	SPECIALIZED HAND MOWING
7	EA	MASONRY DRAINAGE STRUCTURES	36	EA	RESPONSE FOR EROSION CONTROL
10.2	CY	MASONRY DRAINAGE STRUCTURES	0.1	ACR	REFORESTATION
3	LF	MASONRY DRAINAGE STRUCTURES	3.05	ACR	WETLAND REFORESTATION
4	EA	FRAME WITH TWO GRATES, STD 840.29	3.05	ACR	GENERIC EROSION CONTROL ITEM DISKING
2	EA	FRAME WITH COVER, STD 840.54	3.05	ACR	GENERIC EROSION CONTROL ITEM RIPPING
95	LF	SHOULDER BERM GUTTER			
2,750	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
74	TON	RIP RAP, CLASS I			
242	TON	RIP RAP, CLASS B			
2,584	SY	FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *****
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			(38+88.50-L-)
41	LF	SUPPORTS, WOOD			
3	EA	SIGN ERECTION, TYPE E			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (38+88.50-L-)
401	LF	***.***" DIA DRILLED PIERS (4'-6")
1,362	LF	***.***" DIA DRILLED PIERS (5'-6")
10	LF	PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (4'-6")
517.2	LF	PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (5'-6")
3	EA	PDA TESTING
3	EA	PDA ASSISTANCE
12	EA	SID INSPECTION
12	EA	SPT TESTING
4	EA	CROSSHOLE SONIC LOGGING
65,212	SF	REINFORCED CONCRETE DECK SLAB
53,997	SF	GROOVING BRIDGE FLOORS
409.8	CY	CLASS AA CONCRETE (BRIDGE)
667.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (38+88.50-L-)
658,010	LB	REINFORCING STEEL (BRIDGE)
80,157	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
7,797.33	LF	54" PRESTRESSED CONCRETE GIR- DERS
675	LF	PP ** X **** STEEL PILES (12" X 0.375")
4,560	LF	PP ** X **** GALVANIZED STEEL PILES (12" X 0.375")
2,820	LF	PP ** X **** GALVANIZED STEEL PILES (24" X 0.500")
178	EA	PIPE PILE PLATES
85	EA	PILE REDRIVES
3,922.5	LF	CONCRETE BARRIER RAIL
1,036	TON	RIP RAP CLASS II (2'-0" THICK)
1,151	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (38+88.50-L-)
Lump Sum	LS	SOLAR ARRAY SUPPORT PLATFORM

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 008

CONTRACT ID : C202191 1CR.10271.1

DIV OFFICE EDENTON

LENGTH = 11.780 MI

COUNTY : CURRITUCK

RESURFACING.

MBE GOAL 2.0% WBE 2.0% COMPLETION DATE : JUN 30 2009

NC-615 FROM VIRGINIA STATE LINE TO FERRY DOCK AND 2 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
890	TON	INCIDENTAL STONE BASE
12,048	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
722	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
96,410	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
59,286	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
92	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
105,328	LF	PAINT PAVEMENT MARKING LINES (4")
593	EA	PERMANENT RAISED PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 009

CONTRACT ID : C202197 38683.3.1

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : HYDE

CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : AUG 01 2010

REPLACEMENT OF THE M/V PAMLICO.

ROADWAY ITEMS

Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CONST OF 220' X 50' X 12'-6" PASSENGER/ VEHICLE FERRY WITH STANDARD PROPULSION
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STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 010

CONTRACT ID : C202198 38683.3.2

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : CARTERET

CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : AUG 01 2010

REPLACEMENT OF THE M/V SILVER LAKE.

ROADWAY ITEMS

Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CONST OF 220' X 50' X 12'-6" PASSENGER/ VEHICLE FERRY WITH STANDARD PROPULSION
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STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 011

CONTRACT ID : C202199 38683.3.1

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : HYDE, CARTERET

CONSTRUCT TWO 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRIES.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : FEB 02 2011

REPLACEMENT OF THE M/V PAMLICO AND THE M/V SILVER LAKE.

ROADWAY ITEMS

Lump Sum LS GENERIC MISCELLANEOUS ITEM
CONST OF 2-220' X 50' X 12'-6"
PASSENGER/
VEHICLE FERRIES WITH STANDARD
PROPULSION

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 012

CONTRACT ID : C202200 38683.3.4

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : HYDE

CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : FEB 02 2010

REPLACEMENT OF THE M/V PAMLICO.

ROADWAY ITEMS

Lump Sum LS GENERIC MISCELLANEOUS ITEM
CONST OF 220' X 50' X 12'-6"
PASSENGER/VEHICLE FERRY (HULL
ONLY)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 013

CONTRACT ID : C202201 38683.3.5

DIV OFFICE GREENVILLE

LENGTH = 0.000 MI

COUNTY : CARTERET

CONSTRUCT 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRY.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEP 02 2010

REPLACEMENT OF THE M/V SILVER LAKE.

ROADWAY ITEMS

Lump Sum LS GENERIC MISCELLANEOUS ITEM
CONST OF 220' X 50' X 12'-6"
PASSENGER/VEHICLE FERRY (HULL
ONLY)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 014

CONTRACT ID : C202202 38683.3.4

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : HYDE, CARTERET

CONSTRUCT TWO 220' X 50' X 12'-6" PASSENGER/VEHICLE FERRIES.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEP 02 2010

REPLACEMENT OF THE M/V PAMLICO AND THE M/V SILVER LAKE.

ROADWAY ITEMS

Lump Sum LS GENERIC MISCELLANEOUS ITEM
CONST OF 2-220' X 50' X 12'-6"
PASSENGER/
VEHICLE FERRIES (HULL ONLY)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 015

CONTRACT ID : C202205 41732.1

DIV OFFICE GREENVILLE

LENGTH = 0.000 MI

COUNTY : CARTERET

REMOVAL & REPLACEMENT OF FENDER SYSTEM

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : MAY 28 2009

BRIDGE #6 ON NC-58 OVER ATLANTIC INTERCOASTAL WATERWAY BETWEEN NC-24 AND EMERALD ISLE.

STRUCTURE ITEMS

Lump Sum	LS	MOBILIZATION (STRUCTURES)
Lump Sum	LS	GENERIC STRUCTURE ITEM PLASTIC FENDER SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL OF EXISTING FENDER SYS TEM

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 016

CONTRACT ID : C202193 5CR.10391.8

DIV OFFICE DURHAM

LENGTH = 23.000 MI

COUNTY : GRANVILLE, PERSON

RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : JUN 30 2009

US-158 FROM US-15 TO US-158 BUSINESS AND 7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,244	TON	INCIDENTAL STONE BASE
46	SMI	SHOULDER RECONSTRUCTION
1,476	SY	INCIDENTAL MILLING
4,574	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
330	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
21,250	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
270	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,694	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
770	TON	PATCHING EXISTING PAVEMENT
247,480	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
151,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
342	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
32	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
624	EA	PERMANENT RAISED PAVEMENT MARKERS
36	ACR	SEEDING & MULCHING
2,400	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 017

CONTRACT ID : C202026 41439.3.3

DIV OFFICE WILMINGTON

LENGTH = 11.200 MI

COUNTY : NEW HANOVER

ITS, COMPUTERIZED SIGNAL SYSTEM.

DBE GOAL 0.0% COMPLETION DATE : JAN 01 2011

WILMINGTON - PHASE III, NORTHWESTERN AND EASTERN SECTIONS.

ROADWAY ITEMS

			7	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (200')
			6	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (300')
			1	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (400')
			13	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (50')
			8	EA	GENERIC SIGNAL ITEM FIBER-OPTIC VIDEO/DATA RECEIVER
			8	EA	GENERIC SIGNAL ITEM FIBER-OPTIC VIDEO/DATA TRANSMITTER
			3	EA	GENERIC SIGNAL ITEM FURNISH 2010ECL-NC ENHANCED CONFLICT MONITOR
			2	EA	GENERIC SIGNAL ITEM FURNISH 2070L CONTROLLER
			1	EA	GENERIC SIGNAL ITEM FURNISH 332 CABINET
			1	EA	GENERIC SIGNAL ITEM FURNISH 336S CABINET
			1	EA	GENERIC SIGNAL ITEM FURNISH 900 MHZ RADIO
			1	EA	GENERIC SIGNAL ITEM FURNISH CCTV CABINET
			1	EA	GENERIC SIGNAL ITEM FURNISH CCTV CAMERA ASSEMBLY
			9	EA	GENERIC SIGNAL ITEM FURNISH DETECTOR CARD (TYPE 2070L)
			4	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC TRANSCEIVER DROP AND REPEAT
			1	EA	GENERIC SIGNAL ITEM FURNISH FIBER-OPTIC VIDEO/DATA RECEIVER
			1	EA	GENERIC SIGNAL ITEM FURNISH FIBER-OPTIC VIDEO/DATA TRANSMITTER
			19	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE FOR TRAFFIC SIGNAL
			6	EA	GENERIC SIGNAL ITEM MODIFY EXISTING SPLICE
			1	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE FOR CCTV (OVERHEAD)
			6	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE FOR CCTV (UNDERGROUND)
			1	EA	GENERIC SIGNAL ITEM REMOVE SPLICE CABINET
			1	EA	GENERIC SIGNAL ITEM SERVICE POLE
			2	EA	GENERIC SIGNAL ITEM SIDEWALK GUY ASSEMBLY
			1	EA	GENERIC SIGNAL ITEM TERMINAL SPLICE CABINET
			Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SOFTWARE INTEGRATION
			Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
			100	LF	GENERIC SIGNAL ITEM AERIAL CABLE PROTECTOR
			4,815	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (2, 1-1/4")
			100	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 2")
Lump Sum	LS	MOBILIZATION			
840	SF	WORK ZONE SIGNS (PORTABLE)			
72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
3	EA	FLASHING ARROW PANELS, TYPE C			
3	EA	CHANGEABLE MESSAGE SIGN			
150	EA	DRUMS			
150	EA	CONES			
50	LF	BARRICADES (TYPE III)			
400	HR	FLAGGER			
3	EA	TMIA			
450	HR	POLICE			
100	EA	SKINNY DRUM			
12,665	LF	MESSENGER CABLE (1/4")			
20,187	LF	TRACER WIRE			
100	LF	DIRECTIONAL DRILL (***** (1, 1-1/4")			
3,740	LF	DIRECTIONAL DRILL (***** (2, 1-1/4")			
20	EA	JUNCTION BOX (***** (SPECIAL-SIZED, HEAVY DUTY)			
6	EA	JUNCTION BOX (STANDARD SIZE)			
30	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)			
1	EA	WOOD POLE			
19	EA	***" RISER WITH ***** (1, HEAT SHRINK TUBING)			
1	EA	1" RISER WITH WEATHERHEAD			
10	EA	2" RISER WITH WEATHERHEAD			
34	EA	HEAT SHRINK TUBING RETROFIT KIT			
15	EA	2" RISER WITH HEAT SHRINK TUBING			
490	LF	INDUCTIVE LOOP SAWCUT			
4,240	LF	LEAD-IN CABLE (***** (14-2)			
74,015	LF	COMMUNICATIONS CABLE (**FIBER) (24)			
53	EA	SPLICE ENCLOSURE			
73	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT			
12,480	LF	REMOVE EXISTING COMMUNICATIONS CABLE			
10	EA	CABLE TRANSFER			
4	EA	SIGN FOR SIGNALS			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION			
21	EA	MODIFY FOUNDATION FOR CONTROL- LER CABINET			
27	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
18	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)			
178	EA	DETECTOR CARD (TYPE 2070L)			
27	EA	CABINET BASE EXTENDER			
1	EA	CABINET BASE ADAPTER			
12	EA	GENERIC SIGNAL ITEM 900 MHZ RADIO			
1	EA	GENERIC SIGNAL ITEM AERIAL GUY ASSEMBLY			
9	EA	GENERIC SIGNAL ITEM AUXILIARY FILE			
7	EA	GENERIC SIGNAL ITEM CCTV CABINET			
7	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY			
7	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE			
39	EA	GENERIC SIGNAL ITEM DOWN GUY ASSEMBLY			
1	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (>400')			
27	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (150')			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 018

CONTRACT ID : C202188 3CR.10651.67

DIV OFFICE WILMINGTON

LENGTH = 14.830 MI

COUNTY : NEW HANOVER

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 20 2009

US-117 AND US-421 FROM SOUTH OF CAROLINA SANDS DR TO SOUTH OF I-140 AND 9 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS				
				70	TON	SEDIMENT CONTROL STONE
				2.78	ACR	TEMPORARY MULCHING
				138	LB	SEED FOR TEMPORARY SEEDING
				0.7	TON	FERTILIZER FOR TEMPORARY SEEDING
				138	LF	1/4" HARDWARE CLOTH
				3.91	ACR	SEEDING & MULCHING
				4,600	LF	INDUCTIVE LOOP SAWCUT
				2,025	LF	LEAD-IN CABLE (*****) (18-4)
Lump Sum	LS	MOBILIZATION				
1,463	CY	BORROW EXCAVATION				
635	TON	INCIDENTAL STONE BASE				
4.6	SMI	SHOULDER RECONSTRUCTION				
70,829	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")				
22,105	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (1/2" TO 3-1/2")				
10,162	SY	INCIDENTAL MILLING				
17,220	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
5,330	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A				
70	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)				
1,423	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22				
234	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)				
2,610	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)				
5,900	SY	GENERIC PAVING ITEM FIBERGLASS POLY INTERLAYER - PAVING MAT				
50	EA	RETROFIT EXISTING WHEELCHAIR RAMPS				
35	EA	CONCRETE WHEELCHAIR RAMPS				
15	SY	6" CONCRETE DRIVEWAY				
320	LF	GENERIC PAVING ITEM CURB AND GUTTER, REMOVE & RE- PLACE				
2	EA	ADJUSTMENT OF CATCH BASINS				
5	EA	ADJUSTMENT OF DROP INLETS				
64	EA	ADJUSTMENT OF MANHOLES				
43	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
13	EA	GENERIC DRAINAGE ITEM ADJUST MONUMENT				
2	EA	FLASHING ARROW PANELS, TYPE C				
2	EA	CHANGEABLE MESSAGE SIGN				
2	EA	TMIA				
29,974	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
74,004	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
1,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
2,230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)				
1,496	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
48	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)				
229	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
228,553	LF	PAINT PAVEMENT MARKING LINES (4")				
2,835	LF	PAINT PAVEMENT MARKING LINES (8")				
450	LF	PAINT PAVEMENT MARKING LINES (16")				
1,811	LF	PAINT PAVEMENT MARKING LINES (24")				
42	EA	PAINT PAVEMENT MARKING CHARAC- TER				
222	EA	PAINT PAVEMENT MARKING SYMBOL				
570	EA	PERMANENT RAISED PAVEMENT MARKERS				
1,031	EA	SNOWPLOWABLE PAVEMENT MARKERS				
Lump Sum	LS	PORTABLE LIGHTING				
278	LF	TEMPORARY SILT FENCE				
70	TON	STONE FOR EROSION CONTROL, CLASS B				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 019

CONTRACT ID : C202031 33640.3.1

DIV OFFICE DURHAM

LENGTH = 0.223 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER LOWER BARTONS CREEK AND APPROACHES ON SR-1844.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+71.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
400	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
1,500	CY	BORROW EXCAVATION
280	CY	DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
100	SY	GENERIC GRADING ITEM ROCK PLATING
6	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
48	LF	15" RC PIPE CULVERTS, CLASS III
20	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
230	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
125	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
580	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
51	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
18	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
35	LF	SHOULDER BERM GUTTER
625	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BIC)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
200	TON	RIP RAP, CLASS I
69	TON	RIP RAP, CLASS B
808	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
40	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SIGN ERECTION, TYPE E
9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
355	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
2,120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
460	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
30	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	TEMPORARY SILT FENCE
80	TON	STONE FOR EROSION CONTROL, CLASS A
260	TON	STONE FOR EROSION CONTROL, CLASS B
130	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
700	LF	SAFETY FENCE
700	CY	SILT EXCAVATION

1,550	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
270	SY	PERMANENT SOIL REINFORCEMENT MAT
50	LF	1/4" HARDWARE CLOTH
100	LF	*** TEMPORARY PIPE (15")
3	EA	SPECIAL STILLING BASINS
120	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
10	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
1.25	TON	FERTILIZER TOPDRESSING
100	LF	IMPERVIOUS DIKE
5	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (24+40.00-L-)
87	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
138.6	CY	CLASS A CONCRETE (CULVERT)
21,668	LB	REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+71.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+71.00-L-)
4,082	SF	CONCRETE WEARING SURFACE
5,335	SF	GROOVING BRIDGE FLOORS
53.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+71.00-L-)
8,790	LB	REINFORCING STEEL (BRIDGE)
385	LF	HP12X53 STEEL PILES
400	LF	HP12X53 GALVANIZED STEEL PILES
210	LF	TWO BAR METAL RAIL
225.5	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-10 5/8")
105	TON	RIP RAP, CLASS ** (I)
380	TON	RIP RAP CLASS II (2'-0" THICK)
570	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,462.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 020

CONTRACT ID : C202030 33824.3.1

DIV OFFICE DURHAM

LENGTH = 0.158 MI

COUNTY : WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER SMITH CREEK AND APPROACHES ON SR-1206.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
375	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+31.00)
200	CY	UNDERCUT EXCAVATION
625	CY	BORROW EXCAVATION
50	CY	DRAINAGE DITCH EXCAVATION
1,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
7	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
20	LF	15" RC PIPE CULVERTS, CLASS III
28	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
Lump Sum	LS	FINE GRADING
100	TON	INCIDENTAL STONE BASE
385	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
340	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
39	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
15	EA	RIGHT OF WAY MARKERS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
110	LF	SHOULDER BERM GUTTER
1	EA	MODIFIED CONCRETE FLUME
250	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
170	TON	RIP RAP, CLASS B
385	SY	FILTER FABRIC FOR DRAINAGE
46	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE D
2	EA	SIGN ERECTION, TYPE E
10	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
259	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
7,480	LF	PAINT PAVEMENT MARKING LINES (4")
10	EA	PERMANENT RAISED PAVEMENT MARKERS
1,550	LF	TEMPORARY SILT FENCE
120	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
35	TON	SEDIMENT CONTROL STONE
3.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
350	LF	SAFETY FENCE
450	CY	SILT EXCAVATION
1,610	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
70	SY	PERMANENT SOIL REINFORCEMENT MAT

50	LF	1/4" HARDWARE CLOTH
200	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** 15+31.00 -L-
750	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
53.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** 15+31.00 -L-
8,303	LB	REINFORCING STEEL (BRIDGE)
630	LF	HP12X53 STEEL PILES
675	LF	HP14X73 GALVANIZED STEEL PILES
264.8	LF	VERTICAL CONCRETE BARRIER RAIL
260	TON	RIP RAP CLASS II (2'-0" THICK)
290	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,453.31	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 021

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).

		ROADWAY ITEMS			
				210	EA DRUMS
				590	LF BARRICADES (TYPE III)
				100	LF WATER FILLED BARRIER
				575	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
Lump Sum	LS	MOBILIZATION		6,255	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	GRADING		260	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		765	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
750	CY	UNDERCUT EXCAVATION		264	LF THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,350	TON	CLASS IV SUBGRADE STABILIZATION		331	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2,700	SY	FABRIC FOR SOIL STABILIZATION		36	EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
300	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		38	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
668	LF	15" RC PIPE CULVERTS, CLASS III		6,698	LF PAINT PAVEMENT MARKING LINES (4")
616	LF	18" RC PIPE CULVERTS, CLASS III		40	LF PAINT PAVEMENT MARKING LINES (8")
1,092	LF	24" RC PIPE CULVERTS, CLASS III		120	LF PAINT PAVEMENT MARKING LINES (24")
252	LF	30" RC PIPE CULVERTS, CLASS III		16	EA PAINT PAVEMENT MARKING SYMBOL
84	LF	36" RC PIPE CULVERTS, CLASS III		147	EA SNOWPLOWABLE PAVEMENT MARKERS
60	LF	**** HDPE PIPE CULVERTS (36")		100	LF TEMPORARY SILT FENCE
60	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (42", 0.625")		20	TON SEDIMENT CONTROL STONE
708	LF	PIPE REMOVAL		100	LF 1/4" HARDWARE CLOTH
100	TON	INCIDENTAL STONE BASE		8	EA PEDESTRIAN SIGNAL HEAD (12", 1 SECTION)
4,215	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")		1,630	LF SIGNAL CABLE
3,015	SY	INCIDENTAL MILLING		7	EA VEHICLE SIGNAL HEAD (12", 3 SECTION)
4,180	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		4	EA VEHICLE SIGNAL HEAD (12", 4 SECTION)
3,830	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		1	EA VEHICLE SIGNAL HEAD (12", 5 SECTION)
3,690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		640	LF PAVED TRENCHING (***** (1, 2")
360	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		90	LF UNPAVED TRENCHING (***** (1, 2")
222	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22		8	EA JUNCTION BOX (STANDARD SIZE)
200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		1,400	LF INDUCTIVE LOOP SAWCUT
41	CY	FLOWABLE FILL		1,300	LF LEAD-IN CABLE (***** (18-2)
42	EA	MASONRY DRAINAGE STRUCTURES		4	EA METAL POLE WITH SINGLE MAST ARM
2	EA	FRAME WITH TWO GRATES, STD 840.29		4	EA SOIL TEST
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		36	CY DRILLED PIER FOUNDATION
15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		4	EA MAST ARM WITH METAL POLE DESIGN
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		1	EA SIGN FOR SIGNALS
12	EA	FRAME WITH COVER, STD 840.54		5	EA RELOCATE EXISTING SIGN
6	CY	GENERIC DRAINAGE ITEM GROUT		1	EA SIGNAL CABINET FOUNDATION
1,520	LF	1'-6" CONCRETE CURB & GUTTER		1	EA CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
4,100	LF	2'-6" CONCRETE CURB & GUTTER		8	EA DETECTOR CARD (TYPE 2070L)
2,560	SY	4" CONCRETE SIDEWALK		1	EA CABINET BASE EXTENDER
22	EA	CONCRETE WHEELCHAIR RAMPS		4	EA METAL POLE FOUNDATION REMOVAL
480	SY	6" CONCRETE DRIVEWAY		4	EA METAL POLE REMOVAL
6	EA	ADJUSTMENT OF CATCH BASINS		170	LF GENERIC SIGNAL ITEM RIGID METAL CONDUIT (2 CONDUIT, 2")
23	EA	ADJUSTMENT OF MANHOLES		120	LF GENERIC SIGNAL ITEM RIGID METAL CONDUIT (3 CONDUIT, 2")
70	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX			
1,377	SF	WORK ZONE SIGNS (STATIONARY)			
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			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 022

CONTRACT ID : C202203 36727.3.7

DIV OFFICE ABERDEEN

LENGTH = 6.000 MI

COUNTY : RANDOLPH

BRIDGE CLEANING AND PAINTING.

DBE GOAL 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

US-220 IN RANDOLPH COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,385	SF	WORK ZONE SIGNS (PORTABLE)
166	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW PANELS, TYPE C
9	EA	CHANGEABLE MESSAGE SIGN
275	EA	DRUMS
112	LF	BARRICADES (TYPE III)
160	HR	FLAGGER
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #135
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #157
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #168
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #17
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #177
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #182
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #196
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #197
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #205
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #207
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #9

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 023

CONTRACT ID : C202032 33634.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.235 MI

COUNTY : UNION

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER WEST FORK TWELVE MILE CREEK AND APPROACHES ON SR-1321.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+82.5)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
700	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
13,300	CY	BORROW EXCAVATION
1,950	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
15	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
20	LF	15" SIDE DRAIN PIPE
20	LF	18" SIDE DRAIN PIPE
20	LF	24" SIDE DRAIN PIPE
60	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK (15", 0.064")
80	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
730	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
410	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
390	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
80	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
293	LF	SHOULDER BERM GUTTER
900	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
140	LF	GENERIC FENCING ITEM
		2-STRAND ELECTRIC FENCE
380	TON	RIP RAP, CLASS I
2	TON	RIP RAP, CLASS B
1,075	SY	FILTER FABRIC FOR DRAINAGE
26	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
68	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	DRUMS
10	EA	CONES
144	LF	BARRICADES (TYPE III)
30	MD	FLAGGER
1,200	LF	TEMPORARY SILT FENCE
115	TON	STONE FOR EROSION CONTROL, CLASS A
210	TON	STONE FOR EROSION CONTROL, CLASS B
55	TON	SEDIMENT CONTROL STONE
4.5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
350	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
450	LF	SAFETY FENCE
620	CY	SILT EXCAVATION
2,400	SY	MATting FOR EROSION CONTROL
25	SY	COIR FIBER MAT

1,260	SY	PERMANENT SOIL REINFORCEMENT MAT
70	LF	1/4" HARDWARE CLOTH
195	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	STREAMBANK REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+82.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+82.50-L-)
3,824	SF	REINFORCED CONCRETE DECK SLAB
3,728	SF	GROOVING BRIDGE FLOORS
46.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+82.50-L-)
6,544	LB	REINFORCING STEEL (BRIDGE)
125,600	LS	APPROX LBS STRUCTURAL STEEL
320	LF	HP12X53 STEEL PILES
226.6	LF	CONCRETE BARRIER RAIL
505	TON	RIP RAP CLASS II (2'-0" THICK)
562	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 024

CONTRACT ID : C201920 33172.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.208 MI

COUNTY : CALDWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER JOHN'S RIVER AND APPROACHES ON SR-1328.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+71.50 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
840	CY	UNDERCUT EXCAVATION
1,500	TON	CLASS IV SUBGRADE STABILIZATION
5	CY	DRAINAGE DITCH EXCAVATION
1,600	SY	FABRIC FOR SOIL STABILIZATION
8	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
56	LF	18" SIDE DRAIN PIPE
16	LF	15" RC PIPE CULVERTS, CLASS III
325	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
405	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
250	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
34	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
14	EA	RIGHT OF WAY MARKERS
117	CY	SUBDRAIN EXCAVATION
88	CY	SUBDRAIN FINE AGGREGATE
520	LF	6" PERFORATED SUBDRAIN PIPE
16	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
45	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
210	LF	** STRAND BARBED WIRE FENCE WITH POSTS (2)
200	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (48")
1	EA	SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (36", 20', 20')
2	TON	RIP RAP, CLASS B
710	SY	FILTER FABRIC FOR DRAINAGE
50	SF	WORK ZONE SIGNS (STATIONARY)
100	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
35	EA	DRUMS
35	EA	CONES
35	LF	BARRICADES (TYPE III)
180	MD	FLAGGER
220	LF	WATER FILLED BARRIER
11,000	LF	PAINT PAVEMENT MARKING LINES (4")
1,350	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
415	TON	STONE FOR EROSION CONTROL, CLASS B
365	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING

0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
300	LF	SAFETY FENCE
1,100	CY	SILT EXCAVATION
1,260	SY	MATTING FOR EROSION CONTROL
1,070	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
350	LF	COIR FIBER BAFFLES
3	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.25	TON	FERTILIZER TOPDRESSING
2	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+71.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+71.50-L-)
168.58	LF	3'-6" DIA DRILLED PIERS IN SOIL
25	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
117.25	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
950	CY	UNCLASSIFIED STRUCTURE EXCAVATION
3,686	SF	CONCRETE WEARING SURFACE
3,948	SF	GROOVING BRIDGE FLOORS
67.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+71.50-L-)
19,728	LB	REINFORCING STEEL (BRIDGE)
4,791	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
330	LF	HP12X53 STEEL PILES
248.65	LF	ONE BAR METAL RAIL
264.8	LF	1'-*** X ***** CONCRETE PARAPET (1'-0" X 2'-0")
318	TON	RIP RAP CLASS II (2'-0" THICK)
353	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,321.15	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 025

CONTRACT ID : C201767 33380.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.133 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : JUN 15 2010

BRIDGE OVER NORTH FORK NEW RIVER & APPROACHES ON SR-1118.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+30.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
500	CY	UNDERCUT EXCAVATION
600	TON	CLASS IV SUBGRADE STABILIZATION
83	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
44	LF	15" SIDE DRAIN PIPE
116	LF	15" RC PIPE CULVERTS, CLASS III
16	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
55	LF	PIPE REMOVAL
260	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
270	GAL	PRIME COAT
140	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
350	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
29	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
67	CY	SUBDRAIN EXCAVATION
50	CY	SUBDRAIN FINE AGGREGATE
300	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH GRATE, STD 840.29
275	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
150	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
440	LF	WOVEN WIRE FENCE, 47" FABRIC
20	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
30	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
1	EA	SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (47" HIGH, 19' WIDE, 19' OPENING)
355	LF	GENERIC FENCING ITEM WOVEN WIRE FENCE RESET (INCLUDE GATE RESET)
11	TON	RIP RAP, CLASS B
540	SY	FILTER FABRIC FOR DRAINAGE
196	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
23	EA	DRUMS

23	EA	CONES
32	LF	BARRICADES (TYPE III)
960	HR	FLAGGER
1	EA	TMIA
15,134	LF	PAINT PAVEMENT MARKING LINES (4")
18	LF	PAINT PAVEMENT MARKING LINES (24")
646	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
650	LF	TEMPORARY SILT FENCE
90	TON	STONE FOR EROSION CONTROL, CLASS A
140	TON	STONE FOR EROSION CONTROL, CLASS B
235	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
350	LF	SAFETY FENCE
430	CY	SILT EXCAVATION
550	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
60	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
95	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
2	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
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.3	ACR	REFORESTATION
1,260	LF	SIGNAL CABLE
8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
610	LF	MESSENGER CABLE (3/8")
6	EA	WOOD POLE
6	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
3	EA	2" RISER WITH WEATHERHEAD
375	LF	INDUCTIVE LOOP SAWCUT
1,610	LF	LEAD-IN CABLE (***** (14-2)
6	EA	SIGN FOR SIGNALS
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
2	EA	DETECTOR CARD (TYPE 2070L)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (17+30.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+30.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+30.00-L-)
66.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+30.00-L-)
12,402	LB	REINFORCING STEEL (BRIDGE)
206.31	LF	TWO BAR METAL RAIL
223.64	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-10")

300	TON	RIP RAP CLASS II (2'-0" THICK)
335	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,226.18	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM LATERAL LOAD TESTING ASSIST- ANCE
Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY CAP
20	EA	GENERIC STRUCTURE ITEM 10 3/4" DIA MICROPILES
16	EA	GENERIC STRUCTURE ITEM 10-3/4" DIA NON-PRODUCTION MICROPILES
2	EA	GENERIC STRUCTURE ITEM MICROPILE PROOF TESTS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 026

CONTRACT ID : C202037 33383.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.114 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, TEMP SIGNAL, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : JUN 15 2010

BRIDGE OVER BIG HORSE CREEK & APPROACHES ON SR-1362.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
6,400	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** STA. 13+17
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
600	TON	CLASS IV SUBGRADE STABILIZATION
15	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
5	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
20	LF	15" SIDE DRAIN PIPE
100	TON	AGGREGATE BASE COURSE
45	TON	INCIDENTAL STONE BASE
240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
24	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
14	EA	RIGHT OF WAY MARKERS
68	CY	SUBDRAIN EXCAVATION
51	CY	SUBDRAIN FINE AGGREGATE
300	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
30	LF	***X** CONCRETE CURB (9" x 12")
175	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
175	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (TYPE B-77)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
17	TON	RIP RAP, CLASS B
559	SY	FILTER FABRIC FOR DRAINAGE
270	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	DRUMS
20	EA	CONES
48	LF	BARRICADES (TYPE III)
120	MD	FLAGGER
1	EA	TMIA
180	DAY	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM
13,100	LF	PAINT PAVEMENT MARKING LINES (4")
34	LF	PAINT PAVEMENT MARKING LINES (24")
224	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
17	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
1,500	LF	TEMPORARY SILT FENCE

135	TON	STONE FOR EROSION CONTROL, CLASS A
180	TON	STONE FOR EROSION CONTROL, CLASS B
150	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
400	LF	SAFETY FENCE
300	CY	SILT EXCAVATION
4,400	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
20	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
170	LF	WATTLE
63	LB	POLYACRYLAMIDE (PAM)
30	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
3.5	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
0.1	ACR	REFORESTATION

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

12	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
		*** OR ***
12	LF	*** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")

*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (13+17.50-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (13+17.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+17.50-L-)
24.2	LF	3'-0" DIA DRILLED PIERS IN SOIL
10	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
20.5	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
3	EA	SID INSPECTION
3	EA	SPT TESTING
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+17.50-L-)
51.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+17.50-L-)
9,142	LB	REINFORCING STEEL (BRIDGE)
656	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
130	LF	HP12X53 STEEL PILES
163.17	LF	VERTICAL CONCRETE BARRIER RAIL
77	TON	RIP RAP CLASS II (2'-0" THICK)

85	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
734.25	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 027

CONTRACT ID : C201816 33624.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.148 MI

COUNTY : SURRY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER PAUL'S CREEK AND APPROACHES ON SR-1625.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+40.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
350	CY	UNDERCUT EXCAVATION
20	CY	DRAINAGE DITCH EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
250	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
32	LF	15" RC PIPE CULVERTS, CLASS III
48	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
200	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
290	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
430	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
41	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	EA	RIGHT OF WAY MARKERS
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)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
240	LF	SHOULDER BERM GUTTER
250	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
15	TON	RIP RAP, CLASS B
375	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
452	SF	WORK ZONE SIGNS (STATIONARY)
10	EA	DRUMS
10	EA	CONES
80	LF	BARRICADES (TYPE III)
7,000	LF	PAINT PAVEMENT MARKING LINES (4")
260	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
115	TON	STONE FOR EROSION CONTROL, CLASS B
145	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
230	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
240	LF	SAFETY FENCE
520	CY	SILT EXCAVATION
740	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
100	LF	1/4" HARDWARE CLOTH

4	EA	SPECIAL STILLING BASINS
165	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
2	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
1.5	TON	FERTILIZER TOPDRESSING
2	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+40.00-L-)
41	LF	3'-6" DIA DRILLED PIERS IN SOIL
8	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
35	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	SPT TESTING
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+40.00-L-)
53.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+40.00-L-)
11,507	LB	REINFORCING STEEL (BRIDGE)
1,288	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
330	LF	HP12X53 STEEL PILES
14	EA	STEEL PILE POINTS
225.5	LF	CONCRETE BARRIER RAIL
425	TON	RIP RAP CLASS II (2'-0" THICK)
475	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,238.88	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 028

CONTRACT ID : C202196 12CR.10231.7

DIV OFFICE SHELBY

LENGTH = 13.260 MI

COUNTY : CLEVELAND

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : NOV 01 2009

1 SECTION OF US-74 BUSINESS, 2 SECTIONS OF NC-18 AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
175	TON	INCIDENTAL STONE BASE
7.59	SMI	SHOULDER RECONSTRUCTION
19,958	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
21,559	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
57,881	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (3" TO 4-1/2")
1,000	SY	INCIDENTAL MILLING
20,784	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,541	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,342	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,658	TON	PATCHING EXISTING PAVEMENT
32	EA	ADJUSTMENT OF MANHOLES
21	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
41,103	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
75,098	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
436	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
122	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
299,218	LF	PAINT PAVEMENT MARKING LINES (4")
1,023	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L081216 029

CONTRACT ID : C202194 12CR.10231.9

DIV OFFICE SHELBY

LENGTH = 14.650 MI

COUNTY : GASTON

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

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

1 SECTION OF US-321, 2 SECTIONS OF NC-273, 1 SECTION OF NC-274 AND 19 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
380	TON	INCIDENTAL STONE BASE
13.18	SMI	SHOULDER RECONSTRUCTION
15,180	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
57,290	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (3" TO 4-1/2")
1,250	SY	INCIDENTAL MILLING
1,656	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
14,193	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,647	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
7,290	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
380	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
1,024	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
461	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
3,674	TON	PATCHING EXISTING PAVEMENT
10	EA	ADJUSTMENT OF MANHOLES
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGN
1	EA	TMIA
73,625	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
85,940	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
410	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
735	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
121	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
134,160	LF	PAINT PAVEMENT MARKING LINES (4")
240	LF	PAINT PAVEMENT MARKING LINES (8")
1,740	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 030

CONTRACT ID : C201850 33402.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.080 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER REEMS CREEK AND APPROACHES ON SR-2098.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+22.50 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
50	CY	UNDERCUT EXCAVATION
10	TON	CLASS IV SUBGRADE STABILIZA- TION
10	CY	SELECT GRANULAR MATERIAL
10	SY	FABRIC FOR SOIL STABILIZATION
33	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
52	LF	15" SIDE DRAIN PIPE
60	LF	15" RC PIPE CULVERTS, CLASS III
52	LF	18" RC PIPE CULVERTS, CLASS III
110	TON	AGGREGATE BASE COURSE
30	TON	INCIDENTAL STONE BASE
190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
260	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
15	EA	RIGHT OF WAY MARKERS
6	CY	SUBDRAIN EXCAVATION
5	CY	SUBDRAIN FINE AGGREGATE
25	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
160	LF	SHOULDER BERM GUTTER
125	LF	STEEL BM GUARDRAIL
37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
70	TON	RIP RAP, CLASS B
370	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
44	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SIGN ERECTION, TYPE E
9	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
471	SF	WORK ZONE SIGNS (STATIONARY)
177	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	DRUMS
156	LF	BARRICADES (TYPE III)
3,376	LF	PAINT PAVEMENT MARKING LINES (4")
255	LF	12" WATER LINE
2	EA	12" VALVE
3	EA	RELOCATE WATER METER
1	EA	RELOCATE FIRE HYDRANT
165	LF	ABANDON 6" UTILITY PIPE
72	LF	ABANDON 12" UTILITY PIPE
440	LF	TEMPORARY SILT FENCE

75	TON	STONE FOR EROSION CONTROL, CLASS A
175	TON	STONE FOR EROSION CONTROL, CLASS B
65	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
250	LF	SAFETY FENCE
430	CY	SILT EXCAVATION
420	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
50	SY	PERMANENT SOIL REINFORCEMENT MAT
60	LF	1/4" HARDWARE CLOTH
110	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+22.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+22.50-L-)
47.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+22.50-L-)
6,953	LB	REINFORCING STEEL (BRIDGE)
240	LF	HP14X73 STEEL PILES
204.83	LF	CONCRETE BARRIER RAIL
330	TON	RIP RAP CLASS II (2'-0" THICK)
367	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,126.58	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 031

CONTRACT ID : C202034 33531.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.109 MI

COUNTY : MADISON

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER IVY RIVER AND APPROACHES ON SR-1565.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (14+68.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
20	CY	UNDERCUT EXCAVATION
100	TON	CLASS IV SUBGRADE STABILIZATION
30	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
44	LF	15" SIDE DRAIN PIPE
24	LF	24" SIDE DRAIN PIPE
124	LF	18" RC PIPE CULVERTS, CLASS III
68	LF	24" RC PIPE CULVERTS, CLASS III
178	LF	PIPE REMOVAL
1,662	TON	AGGREGATE BASE COURSE
20	TON	INCIDENTAL STONE BASE
700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
480	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
65	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,100	SY	ASPHALT SURFACE TREATMENT, MAT & SEAL
31	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
300	LF	STEEL BM GUARDRAIL
137.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
8	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVE)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
80	TON	RIP RAP, CLASS I
400	TON	RIP RAP, CLASS II
2,170	SY	FILTER FABRIC FOR DRAINAGE
140	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
11	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
202	SF	WORK ZONE SIGNS (STATIONARY)
384	SF	WORK ZONE SIGNS (PORTABLE)
122	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
61	EA	DRUMS
30	EA	CONES
64	LF	BARRICADES (TYPE III)
600	HR	FLAGGER

30	EA	SKINNY DRUM
18,894	LF	PAINT PAVEMENT MARKING LINES (4")
508	LF	PAINT PAVEMENT MARKING LINES (24")
197	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
21	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
6	EA	7' U-CHANNEL POSTS
6	EA	OBJECT MARKERS (END OF ROAD)
2,300	LF	TEMPORARY SILT FENCE
400	TON	STONE FOR EROSION CONTROL, CLASS A
260	TON	STONE FOR EROSION CONTROL, CLASS B
360	TON	SEDIMENT CONTROL STONE
4.5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
650	LF	SAFETY FENCE
1,000	CY	SILT EXCAVATION
1,250	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
300	SY	PERMANENT SOIL REINFORCEMENT MAT
12	EA	SPECIAL STILLING BASINS
450	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
8	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.25	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+68.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+68.00-L-)
34.17	LF	3'-6" DIA DRILLED PIERS IN SOIL
42	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
34.05	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
71.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+68.00-L-)
18,902	LB	REINFORCING STEEL (BRIDGE)
2,705	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
350	LF	HP12X53 STEEL PILES
302.35	LF	ONE BAR METAL RAIL
317.65	LF	1'-**X ***** CONCRETE PARAPET (1'-0" x 2'-0 1/2")
815	TON	RIP RAP CLASS II (2'-0" THICK)
904	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

1,585.52 LF 3'-0" X 1'-9" PRESTRESSED CONC
CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 032

CONTRACT ID : C202033 33607.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.125 MI

COUNTY : RUTHERFORD

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER FIRST BROAD RIVER AND APPROACHES ON SR-1733.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+22.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
625	CY	UNDERCUT EXCAVATION
600	TON	CLASS IV SUBGRADE STABILIZATION
105	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
56	LF	15" SIDE DRAIN PIPE
24	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
25	TON	INCIDENTAL STONE BASE
250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
170	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
11	EA	RIGHT OF WAY MARKERS
117.6	CY	SUBDRAIN EXCAVATION
88.2	CY	SUBDRAIN FINE AGGREGATE
525	LF	6" PERFORATED SUBDRAIN PIPE
16	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
312.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
145	TON	RIP RAP, CLASS I
200	TON	RIP RAP, CLASS II
1	TON	RIP RAP, CLASS B
606	SY	FILTER FABRIC FOR DRAINAGE
388	SF	WORK ZONE SIGNS (STATIONARY)
132	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
8	EA	DRUMS
102	LF	BARRICADES (TYPE III)
5,512	LF	PAINT PAVEMENT MARKING LINES (4")
1,500	LF	TEMPORARY SILT FENCE
120	TON	STONE FOR EROSION CONTROL, CLASS A
180	TON	STONE FOR EROSION CONTROL, CLASS B
140	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
350	LF	SAFETY FENCE
450	CY	SILT EXCAVATION
1,500	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
200	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
200	LF	COIR FIBER BAFFLES

5	EA	*** SKIMMER (1-1/2")
8	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STATION ***** (16+22.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+22.00-L-)
32.6	LF	3'-6" DIA DRILLED PIERS IN SOIL
12	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
32.6	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+22.00-L-)
5,280	SF	REINFORCED CONCRETE DECK SLAB
4,902	SF	GROOVING BRIDGE FLOORS
55.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+22.00-L-)
13,205	LB	REINFORCING STEEL (BRIDGE)
1,225	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
629.333	LF	54" PRESTRESSED CONCRETE GIRDERS
335	LF	HP12X53 STEEL PILES
9	EA	STEEL PILE POINTS
316.67	LF	CONCRETE BARRIER RAIL
165	TON	RIP RAP CLASS II (2'-0" THICK)
185	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

L081216 033

CONTRACT ID : C202195 39972.3.GV1

DIV OFFICE ASHEVILLE

LENGTH = 12.260 MI

COUNTY : MCDOWELL

PAVEMENT REHABILITATION.

DBE GOAL 5.0% COMPLETION DATE : OCT 15 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

L081216 034

CONTRACT ID : C202038 33183.3.1

DIV OFFICE SYLVA

LENGTH = 0.095 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : NOV 01 2009

BRIDGE OVER JUNALUSKA CREEK AND APPROACHES ON SR-1505.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
500	CY	UNDERCUT EXCAVATION
600	TON	CLASS IV SUBGRADE STABILIZATION
40	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
4.5	TON	GENERIC GRADING ITEM #57 LIMESTONE
2	TON	GENERIC GRADING ITEM AGRICULTURAL GRADE GROUND LIMESTONE
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
44	LF	18" SIDE DRAIN PIPE
184	LF	30" RC PIPE CULVERTS, CLASS III
34	LF	PIPE REMOVAL
500	TON	INCIDENTAL STONE BASE
270	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/4")
450	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
240	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
35	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
120	CY	SUBDRAIN EXCAVATION
90	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)
1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
2	EA	MASONRY DRAINAGE STRUCTURES
1	LF	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
120	LF	SHOULDER BERM GUTTER
1	EA	MODIFIED CONCRETE FLUME
70	LF	CONCRETE EXPRESSWAY GUTTER
125	LF	STEEL BM GUARDRAIL
75	LF	STEEL BM GUARDRAIL, SHOP CURVED
15	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
25	LF	TEMPORARY STEEL BM GUARDRAIL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (TL-2)
200	LF	WOVEN WIRE FENCE RESET
6	TON	RIP RAP, CLASS II
8	TON	RIP RAP, CLASS B
295	SY	FILTER FABRIC FOR DRAINAGE
177	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)

72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
60	EA	DRUMS
80	LF	BARRICADES (TYPE III)
2,500	HR	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
2	EA	TMIA
80	LF	PORTABLE CONCRETE BARRIER
45	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
40	EA	TEMPORARY RAISED PAVEMENT MARKERS
6,670	LF	PAINT PAVEMENT MARKING LINES (4")
300	LF	TEMPORARY SILT FENCE
115	TON	STONE FOR EROSION CONTROL, CLASS A
125	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
250	LF	SAFETY FENCE
385	CY	SILT EXCAVATION
1,200	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
160	SY	PERMANENT SOIL REINFORCEMENT MAT
60	LF	1/4" HARDWARE CLOTH
25	LF	WATTLE
9	LB	POLYACRYLAMIDE (PAM)
155	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
3	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+32.50-L-)
26.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+32.50-L-)
4,159	LB	REINFORCING STEEL (BRIDGE)
70	LF	HP12X53 STEEL PILES
14	EA	STEEL PILE POINTS
69.35	LF	TWO BAR METAL RAIL
85.2	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-8")
Lump Sum	LS	ELASTOMERIC BEARINGS
468.65	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L081216 035

CONTRACT ID : C202035 33526.3.1

DIV OFFICE SYLVA

LENGTH = 0.137 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING, & CULVERT.

DBE GOAL 6.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER RABBIT CREEK & APPROACHES ON SR-1513.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,600	CY	UNCLASSIFIED EXCAVATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
600	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
600	TON	CLASS IV SUBGRADE STABILIZATION
20	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
45	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	LF	18" SIDE DRAIN PIPE
96	LF	18" RC PIPE CULVERTS, CLASS III
268	LF	24" RC PIPE CULVERTS, CLASS III
114	LF	PIPE REMOVAL
250	TON	INCIDENTAL STONE BASE
70	SY	INCIDENTAL MILLING
461	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
292	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
39	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
115	CY	SUBDRAIN EXCAVATION
85	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	EA	FRAME WITH TWO GRATES, STD 840.24
3	EA	FRAME WITH TWO GRATES, STD 840.29
100	LF	SHOULDER BERM GUTTER
195	LF	CONCRETE EXPRESSWAY GUTTER
50	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
137.5	LF	STEEL BM GUARDRAIL
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
90	TON	RIP RAP, CLASS I
25	TON	RIP RAP, CLASS B
725	SY	FILTER FABRIC FOR DRAINAGE
460	SF	WORK ZONE SIGNS (STATIONARY)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
50	LF	BARRICADES (TYPE III)
5,800	LF	PAINT PAVEMENT MARKING LINES (4")
1,900	LF	TEMPORARY SILT FENCE
160	TON	STONE FOR EROSION CONTROL, CLASS A
125	TON	STONE FOR EROSION CONTROL, CLASS B
165	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
40	LF	TEMPORARY SLOPE DRAINS

1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
750	LF	SAFETY FENCE
410	CY	SILT EXCAVATION
1,750	SY	MATTING FOR EROSION CONTROL
15	SY	COIR FIBER MAT
60	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
25	LF	WATTLE
9	LB	POLYACRYLAMIDE (PAM)
120	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
4	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
530	LF	IMPERVIOUS DIKE
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+77.28-L-)
161.1	CY	CLASS A CONCRETE (CULVERT)
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINFORCED CONCRETE 3-SIDED CULVERT AT STA 16+77.28 -L-

WALL ITEMS

610	SF	SOLDIER PILE RETAINING WALLS
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