




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

March 24, 2009

**NOTICE TO:** All Prospective Bidders

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

**SUBJECT:** Changes to the Implementation Dates for the Work Zone Traffic Control Qualification and Training Program

As you may know the Department is pursuing a Work Zone Traffic Control Qualification and Training Program for anyone working within the NCDOT right of way. This program is part of our compliance with the FHWA Safety & Mobility Rule (23 CFR 630 subpart j). As a result of feedback from our industry partners (mostly due to the economy and our desire not to implement a timeline that we know some will not be able to meet), the NCDOT has postponed the implementation dates of the program one year. The new implementation dates are as follows:

Flagger Qualifications and Training - July 1, 2010  
Installer Qualifications and Training - January 1, 2011  
Supervisor Qualifications and Training - July 1, 2011

In the next year, the Department will reconsider the on the job training (OJT) requirement for flaggers as we have gotten strong feedback that most small companies and municipalities will not be able to obtain the present requirement of 40 hours of OJT. We plan to investigate the common practice of other State DOT's and intend for our program to be similar to those OJT requirements. We expect our industry partners to take advantage of this implementation delay by continuing to pursue courses and OJT to meet the requirements of the program by the revised dates.

Please do not misunderstand our implementation delays. The NCDOT fully supports the implementation of the Work Zone Qualifications and Training requirements and is committed to seeing this program come to fruition. Working together with the industry we have already made great progress and look forward to seeing our work zones become even safer for the workers and traveling public.

We will continue to work with our industry partners through our Work Zone Qualification and Training Committee meetings and address all the issues that remain in the coming year. Additional information can be found on our web site at:

<http://www.ncdot.org/doh/preconstruct/vztc/WZTCTrainingProgram/default.html>

If you have questions or want to find out how you can be involved with this committee, contact Stuart Bourne at (919) 250-4159 or [sbourne@ncdot.gov](mailto:sbourne@ncdot.gov)

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

TELEPHONE: 919-250-4128  
FAX: 919-250-4119  
WEBSITE: [www.ncdot.org](http://www.ncdot.org)

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




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

March 24, 2009

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

From: R.A. Garris, P.E.  
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) 250-4128.

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

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

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

<b>TIP#</b>	<b>DIVISION</b>	<b>COUNTY</b>	<b>DESCRIPTION</b>	<b>TENTATIVE LET DATE</b>
R-2301A	2	CRAVEN JONES	US 17 (NEW BERN BYPASS) FROM US 17 SOUTH OF NEW BERN TO US 70	MAY 19, 2009
U-2519E X-0002B	6	CUMBERLAND	FAYETTEVILLE OUTER LOOP FROM WEST OF NC 24 (BRAGG BOULEVARD) TO EAST OF NC 210/NC 87 (MURCHISON ROAD).	MAY 19, 2009
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

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

January 20, 2009

Notice To: All Prospective Bidders

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

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

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

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

This provision will be used on all Federal Projects.

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

Enclosure

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

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

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

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

(2-17-09)

SP1G59

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

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

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



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

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  
DURHAM, NC 27699-1504

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

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

**LIABILITY INSURANCE:**

(11-18-08)

SP1G80

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

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

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

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

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

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
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 MAY 19, 2009. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

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

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

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

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

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

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS APRIL 21, 2009.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)



## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

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

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

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

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
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	Gregory W Burns, 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** L090519

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C201976	34414.3.GV1	CRAVEN, JONES	9.052 KM	WIDEN, GRADING, DRAINAGE, PAVING, SIGNAL, SIGNING & STR.
002	C202077	41922.3.1	ONslow	2.570 MI	WIDENING, GRADING, DRAINAGE, AND PAVING.
003	C202293	45062.3.ST1	JOHNSTON	11.000 MI	MILLING & RESURFACING.
004	C202298	45063.3.ST1	NASH	23.180 MI	RESURFACING.
005	C202299	45064.3.ST1	NASH, EDGEcombe	19.210 MI	RESURFACING, RUMBLE STRIPS, AND SHOULDER RECONSTRUCTION.
006	C202089	33639.3.1	WAKE	0.246 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
007	C202305	45052.3.ST1	WAKE	2.500 MI	MILLING, PAVING, AND ULTRATHIN HOT MIX ASPHALT OVERLAY.
008	C202306	45054.3.ST1	WAKE, DURHAM	3.800 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
009	C201977	35196.3.ST1	CUMBERLAND	2.538 KM	GRADING, DRAINAGE, PAVING, & STRUCTURES.
010	C202304	45038.3.ST1	ROCKINGHAM	1.945 MI	CONCRETE PAVEMENT REHABILITATION & SHOULDER RECONSTRUCTION.
011	C202300	45056.3.ST1	GUILFORD, ALAMANCE	4.147 MI	MILLING AND RESURFACING.
012	C202112	33554.3.1	MOORE	0.232 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
013	C202220	45109.3.ST1	DAVIDSON	13.560 MI	MILLING, RESURFACING & SHOULDER DROP OFF REPAIR.
014	C202294	42297.3.ST1	UNION, MECKLENBURG	5.630 MI	MILLING, RESURFACING, CURB & GUTTER, AND SHLDR RECONST.
015	C202295	42297.3.ST2	UNION	10.930 MI	MILLING, RESURFACING, GUARDRAIL, AND SHOULDER RECONSTR.
016	C202296	42297.3.ST3	ANSON, UNION	13.600 MI	MILLING, RESURFACING, GUARDRAIL, AND SHOULDER RECONSTR.
017	C202288	45057.3.ST1	CABARRUS	3.340 MI	MILLING, RESURFACING, RUMBLE STRIPS, AND SHOULDER RECONST.
018	C202113	33812.3.1	SURRY	0.104 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
019	C202076	41863.3.ST1	YADKIN, SURRY	5.100 MI	MILLING, RESURFACING, SLAB REMOVAL & SHOULDER RECONSTRUCTION
020	C202297	45043.3.ST1	ALEXANDER, IREDELL	18.010 MI	ULTRATHIN OVERLAY.
021	C202290	45044.3.ST1	CLEVELAND	3.066 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
022	C202291	45059.3.ST1	GASTON	1.800 MI	MILLING & RESURFACING.
023	C202196	12CR.10231.7 ETC	CLEVELAND	13.260 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
024	C202194	12CR.10361.9 ETC	GASTON	14.650 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
025	C202289	38687.3.ST1	BURKE	23.830 MI	MILLING, RESURFACING, ULTRATHIN, DECK REPAIR & SHLDR RECONST
026	C202310	45060.3.ST1	BUNCOMBE	5.360 MI	MILL, RESURF, CONC PVMT SLAB & DECK REPAIR, & SHLDR RECONST.
027	C201755	33434.3.ST1	CHEROKEE	0.060 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
028	C202087	34334.2.3	HENDERSON	2.916 MI	GRADING, DRAINAGE, PAVING, RETAINING WALL AND STRUCTURES.
029	C202141	47015.3.1	HENDERSON	0.147 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 001

CONTRACT ID : C201976 34414.3.GV1

DIV OFFICE GREENVILLE

LENGTH = 9.052 KM

COUNTY : CRAVEN, JONES

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

DBE GOAL 10.0% COMPLETION DATE : JUN 15 2012

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

ROADWAY ITEMS						
			500	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	
			41,580	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	
Lump Sum	LS	MOBILIZATION	238	M3	SUBDRAIN EXCAVATION	
Lump Sum	LS	CONSTRUCTION SURVEYING	396	M3	SUBDRAIN FINE AGGREGATE	
Lump Sum	LS	FIELD OFFICE	2,870	M	150MM PERFORATED SUBDRAIN PIPE	
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	287	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	
	2	HA			CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	
			20	EA		
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+20.000 NBL)	40	M	150MM OUTLET PIPE (SUBDRAINS)	
			107.5	M3	ENDWALLS	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+20.000 SBL)	41.2	M3	REINFORCED ENDWALLS	
			1	M3	PIPE COLLARS	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+04.000 NBL)	61	EA	MASONRY DRAINAGE STRUCTURES	
			5.4	M	MASONRY DRAINAGE STRUCTURES	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+04.000 SBL)	5	EA	FRAME WITH TWO GRATES, STD 840.16	
			10	EA	FRAME WITH TWO GRATES, STD 840.20	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+94.000 NBL)	36	EA	FRAME WITH TWO GRATES, STD 840.22	
			4	EA	FRAME WITH TWO GRATES, STD 840.24	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (96+94.000 SBL)	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
			2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	
37,700	M3	UNDERCUT EXCAVATION				
500	MTN	CLASS IV SUBGRADE STABILIZATION				
1,650	M3	DRAINAGE DITCH EXCAVATION				
800	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT				
			1	EA	FRAME WITH COVER, STD 840.54	
65	HR	PROOF ROLLING				
29,500	M2	FABRIC FOR SOIL STABILIZATION				
64,700	M3	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL				
			940	M	750MM CONCRETE CURB & GUTTER	
5,000	M3	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III				
			35	M	SHOULDER BERM GUTTER	
2,500	M2	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION				
			550	M	CONCRETE EXPRESSWAY GUTTER	
2,275	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS				
			320	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)	
112.8	M	450MM SIDE DRAIN PIPE				
			2,517	M	STEEL BM GUARDRAIL	
24	M	600MM SIDE DRAIN PIPE				
			16	M	STEEL BM GUARDRAIL, SHOP CURVED	
114	M	450MM RC PIPE CULVERTS, CLASS III				
			25	EA	ADDITIONAL GUARDRAIL POSTS	
711.6	M	1050MM RC PIPE CULVERTS, CLASS III				
			19	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	
1,627.2	M	1200MM RC PIPE CULVERTS, CLASS III				
			26	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
316.8	M	1350MM RC PIPE CULVERTS, CLASS III				
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	
121.2	M	1500MM RC PIPE CULVERTS, CLASS III				
			17	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	
105.2	M	1650MM RC PIPE CULVERTS, CLASS III				
			7,860	M	DOUBLE FACED CABLE GUIDERAIL	
282	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)				
			6	EA	ADDITIONAL GUIDERAIL POSTS	
314.4	M	***MM BIT COAT CS PIPE CULVERTS, TYPE A ****MM THICK (400MM, 1.63MM)				
			22	EA	CABLE GUIDERAIL ANCHOR UNITS	
14	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE A ****MM THICK (400MM, 1.63MM)				
			18,400	M	WOVEN WIRE FENCE, 1200MM FABRIC	
90	M	PIPE REMOVAL				
			3,940	EA	100MM TIMBER FENCE POSTS, ****M LONG (2.3M)	
305	M2	150MM SLOPE PROTECTION				
			690	EA	125MM TIMBER FENCE POSTS, ****M LONG (2.4M)	
Lump Sum	LS	FINE GRADING				
			200	M	ADDITIONAL BARBED WIRE	
12,500	MTN	STABILIZER AGGREGATE				
			335	MTN	RIP RAP, CLASS I	
1,000	MTN	INCIDENTAL STONE BASE				
			450	MTN	RIP RAP, CLASS B	
5,420	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B				
			5,860	M2	FILTER FABRIC FOR DRAINAGE	
5,770	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
			17	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	
49,920	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C				
			16	M3	REINFORCED CONCRETE SIGN FOUNDATIONS	
3,000	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22				
			83	M3	OVERHEAD FOOTING	
			6,113	KG	SUPPORTS, BREAKAWAY STEEL BEAM	
			52	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL EL	
			26	EA	SUPPORTS, 3-KG STEEL U-CHANNEL	
			828	M	SUPPORTS, WOOD	
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (14+00 -Y4-)	
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (18+10 -Y1-)	

			1,779	M	PAINT PAVEMENT MARKING LINES (150MM)
			278	M	PAINT PAVEMENT MARKING LINES (200MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+20 -Y4-)	10	M	PAINT PAVEMENT MARKING LINES (600MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (20+50 -Y1-)	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 ***** (3+80 -Y4-)	2,400	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (8+60 -Y4-)	737	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (90+20 -L-)	4	EA	2.1M U-CHANNEL POSTS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (96+20 -L-)	130	EA	FLEXIBLE DELINEATORS (CRYSTAL)
			35	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
			4	EA	OBJECT MARKERS (END OF ROAD)
			858	M	200MM WATER LINE
			575	M	400MM WATER LINE
			295	M	750MM ENCASEMENT PIPE
			21	M	TRENCHLESS INSTALLATION OF 200MM IN SOIL
			21	M	TRENCHLESS INSTALLATION OF 200MM NOT IN SOIL
4	EA	SIGN ERECTION, TYPE D	58,100	M	TEMPORARY SILT FENCE
90	EA	SIGN ERECTION, TYPE E	2,800	MTN	STONE FOR EROSION CONTROL, CLASS A
38	EA	SIGN ERECTION, TYPE F	14,440	MTN	STONE FOR EROSION CONTROL, CLASS B
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	7,515	MTN	SEDIMENT CONTROL STONE
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	209.5	HA	TEMPORARY MULCHING
26	EA	SIGN ERECTION, MILEMARKERS	3,750	KG	SEED FOR TEMPORARY SEEDING
4	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	30.25	MTN	FERTILIZER FOR TEMPORARY SEEDING
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	3,200	M	TEMPORARY SLOPE DRAINS
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	102	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	8,300	M	SAFETY FENCE
10	EA	DISPOSAL OF SUPPORT, WOOD	15,197	M3	SILT EXCAVATION
9	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	19,600	M2	MATTING FOR EROSION CONTROL
12	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	30	M2	COIR FIBER MAT
44	EA	DISPOSAL OF SIGN SYSTEM, WOOD	700	M2	PERMANENT SOIL REINFORCEMENT MAT
50	M2	WORK ZONE SIGNS (STATIONARY)	1,700	M	6.4MM HARDWARE CLOTH
45	M2	WORK ZONE SIGNS (PORTABLE)	230	M	WATTLE
7	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	147	KG	POLYACRYLAMIDE (PAM)
2	EA	FLASHING ARROW PANELS, TYPE C	1,400	M	COIR FIBER BAFFLES
2	EA	CHANGEABLE MESSAGE SIGN	165	HA	SEEDING & MULCHING
420	EA	DRUMS	195.5	HA	MOWING
30	EA	CONES	4,225	KG	SEED FOR REPAIR SEEDING
145	M	BARRICADES (TYPE III)	14.25	MTN	FERTILIZER FOR REPAIR SEEDING
200	MD	FLAGGER	4,400	KG	SEED FOR SUPPLEMENTAL SEEDING
6	EA	TEMPORARY CRASH CUSHIONS	262.75	MTN	FERTILIZER TOPDRESSING
2	EA	RESET TEMPORARY CRASH CUSHIONS	5	HR	SPECIALIZED HAND MOWING
2	EA	TMA	54	EA	RESPONSE FOR EROSION CONTROL
1,700	M	PORTABLE CONCRETE BARRIER	1	HA	REFORESTATION
1,700	M	PORTABLE CONCRETE BARRIER (DRAINAGE)	585	M	SIGNAL CABLE
75	EA	TUBULAR MARKERS (FIXED)	12	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
32	HR	GENERIC TRAFFIC CONTROL ITEM POLICE	225	M	MESSENGER CABLE (9.52MM)
180	EA	TEMPORARY RAISED PAVEMENT MARKERS	280	M	UNPAVED TRENCHING (***** (1, 50MM))
2,766	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	4	EA	JUNCTION BOX (STANDARD SIZE)
1,415	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	380	M	INDUCTIVE LOOP SAWCUT
47,180	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)	545	M	LEAD-IN CABLE (***** (14-2))
5,725	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)	4	EA	METAL STRAIN SIGNAL POLE
16	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	4	EA	SOIL TEST
1,082	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)	20	M3	DRILLED PIER FOUNDATION
52	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	2	EA	SIGN FOR SIGNALS
40	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	1	EA	SIGNAL CABINET FOUNDATION
5,381	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
728	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (150MM) (III)	5	EA	DETECTOR CARD (TYPE 2070L)
7,064	M	PAINT PAVEMENT MARKING LINES (100MM)	1	EA	CABINET BASE EXTENDER
					***** BEGIN SCHEDULE AA ***** ***** ( 2 ALTERNATES ) *****
			1,854,400	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 ***
			1,770,400	M3	BORROW EXCAVATION

Lump Sum	LS	GENERIC GRADING ITEM UNCLASSIFIED EXCAVATION
148,500	MTN	AGGREGATE BASE COURSE
81,000	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 ***		
***** BEGIN SCHEDULE AB *****		
***** ( 3 ALTERNATES ) *****		
1,335.6	M	375MM RC PIPE CULVERTS, CLASS III
82.8	M	600MM RC PIPE CULVERTS, CLASS III
579.6	M	750MM RC PIPE CULVERTS, CLASS III
556.8	M	900MM RC PIPE CULVERTS, CLASS III
*** OR ***		
987.6	M	375MM RC PIPE CULVERTS, CLASS III
66	M	600MM RC PIPE CULVERTS, CLASS III
501.6	M	750MM RC PIPE CULVERTS, CLASS III
514.8	M	900MM RC PIPE CULVERTS, CLASS III
348	M	*****MM HDPE PIPE CULVERTS (375MM)
16.8	M	*****MM HDPE PIPE CULVERTS (600MM)
78	M	*****MM HDPE PIPE CULVERTS (750MM)
42	M	*****MM HDPE PIPE CULVERTS (900MM)
*** OR ***		
987.6	M	375MM RC PIPE CULVERTS, CLASS III
66	M	600MM RC PIPE CULVERTS, CLASS III
501.6	M	750MM RC PIPE CULVERTS, CLASS III
514.8	M	900MM RC PIPE CULVERTS, CLASS III
348	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (400MM, 1.63MM)
16.8	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (600MM, 1.63MM)
78	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (800MM, 2.01MM)
42	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (900MM, 2.01MM)

\*\*\* END SCHEDULE AB \*\*\*

**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 EXCAVA- TION 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

L090519 002

CONTRACT ID : C202077 41922.3.1

DIV OFFICE WILMINGTON

LENGTH = 2.570 MI

COUNTY : ONSLOW

WIDENING, GRADING, DRAINAGE, AND PAVING.

DBE GOAL 9.0% COMPLETION DATE : MAY 08 2010

NC-53 (BURGAW HWY) FROM SR-1135 (MORNINGSIDE DR) TO SR-1116 (ONSLow PINES RD) & FROM WEST OF SR-1214 TO WEST OF SR-1109.

ROADWAY ITEMS

			2	EA	JUNCTION BOX (STANDARD SIZE)
			500	LF	INDUCTIVE LOOP SAWCUT
			100	LF	LEAD-IN CABLE (***** (18-4)
Lump Sum	LS	MOBILIZATION			
200	CY	BORROW EXCAVATION			
0.9	SMI	GENERIC GRADING ITEM GRADING PER SHOULDER MILE			
250	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
538	LF	15" RC PIPE CULVERTS, CLASS III			
532	LF	18" RC PIPE CULVERTS, CLASS III			
36	LF	24" RC PIPE CULVERTS, CLASS III			
12	LF	GENERIC PIPE ITEM 18" HDPE PIPE CULVERT			
368	LF	PIPE REMOVAL			
1,500	TON	INCIDENTAL STONE BASE			
4.23	SMI	SHOULDER RECONSTRUCTION			
444	SY	INCIDENTAL MILLING			
3,721	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
4,723	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
160	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
283	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
40	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)			
360	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)			
4.69	CY	PIPE COLLARS			
8	EA	MASONRY DRAINAGE STRUCTURES			
5	EA	FRAME WITH TWO GRATES, STD 840.16			
2	EA	FRAME WITH COVER, STD 840.54			
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
125	SY	GENERIC PAVING ITEM INCIDENTAL CONCRETE			
1	EA	ADJUSTMENT OF DROP INLETS			
9	EA	ADJUSTMENT OF MANHOLES			
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
150	LF	STEEL BM GUARDRAIL			
50	LF	STEEL BM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
26,485	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
20,336	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
125	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
61	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
731	EA	SNOWPLOWABLE PAVEMENT MARKERS			
260	LF	TEMPORARY SILT FENCE			
65	TON	STONE FOR EROSION CONTROL, CLASS B			
65	TON	SEDIMENT CONTROL STONE			
2.6	ACR	TEMPORARY MULCHING			
130	LB	SEED FOR TEMPORARY SEEDING			
0.65	TON	FERTILIZER FOR TEMPORARY SEED- ING			
100	SY	MATTING FOR EROSION CONTROL			
130	LF	1/4" HARDWARE CLOTH			
3.83	ACR	SEEDING & MULCHING			

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 003

CONTRACT ID : C202293 45062.3.ST1

DIV OFFICE WILSON

LENGTH = 11.000 MI

COUNTY : JOHNSTON

MILLING &amp; RESURFACING.

DBE GOAL 5.0% COMPLETION DATE : NOV 15 2009

I-40 FROM WEST OF SR-1211 TO SAMPSON COUNTY LINE.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
161,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
200	SY	INCIDENTAL MILLING
14,943	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
884	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
800	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
12,686	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
240,000	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
600	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
200	EA	DRUMS
2	EA	TMIA
8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
146,000	LF	PAINT PAVEMENT MARKING LINES (6")
8,870	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
296,260	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
3,000	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,600	EA	SNOWPLOWABLE PAVEMENT MARKERS



**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L090519 004****CONTRACT ID : C202298 45063.3.ST1****DIV OFFICE WILSON****LENGTH = 23.180 MI****COUNTY : NASH****RESURFACING.****DBE GOAL 4.0% COMPLETION DATE : NOV 15 2009****US-64 FROM FRANKLIN COUNTY TO SR-1613.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
1,400	SY	INCIDENTAL MILLING
2,432	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
40,528	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED
489,562	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
600	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
400	EA	DRUMS
2	EA	TMIA
54	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
579,500	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
26,000	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
3,478	EA	PERMANENT RAISED PAVEMENT MARKERS

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L090519 005****CONTRACT ID : C202299 45064.3.ST1****DIV OFFICE WILSON****LENGTH = 19.210 MI****COUNTY : NASH, EDGEcombe****RESURFACING, RUMBLE STRIPS, AND SHOULDER RECONSTRUCTION.****DBE GOAL 4.0% COMPLETION DATE : NOV 15 2009****US-64 FROM SR1613 IN NASH COUNTY TO THE TAR RIVER NEAR TARBORO IN EDGEcombe COUNTY.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
76.84	SMI	SHOULDER RECONSTRUCTION
1,905	SY	INCIDENTAL MILLING
12,787	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
68,670	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,723	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,436	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
23,923	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED
405,716	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
600	SF	WORK ZONE SIGNS (STATIONARY)
600	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
400	EA	DRUMS
2	EA	TMIA
39	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
332,400	LF	PAINT PAVEMENT MARKING LINES (6")
27	EA	PAINT PAVEMENT MARKING SYMBOL
461,040	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)
23,066	LF	POLYUREA PAVEMENT MARKING LINES (12", *****)
2,942	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	TEMPORARY SILT FENCE
20	LF	WATTLE

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 006

CONTRACT ID : C202089 33639.3.1

DIV OFFICE DURHAM

LENGTH = 0.246 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING &amp; STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER TERRIBLE CREEK AND APPROACHES ON SR-1301 (SUNSET LAKE RD).

ROADWAY ITEMS				
		1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
		176	SF	WORK ZONE SIGNS (STATIONARY)
		96	SF	WORK ZONE SIGNS (PORTABLE)
		96	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
		110	EA	DRUMS
		110	EA	CONES
		48	LF	BARRICADES (TYPE III)
		100	MD	FLAGGER
		4	EA	TEMPORARY CRASH CUSHIONS
		1,125	LF	PORTABLE CONCRETE BARRIER
		95	EA	TEMPORARY RAISED PAVEMENT MARKERS
		3,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		3,621	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		314	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
		9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		736	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
		1,104	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
		115	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)
		12,936	LF	PAINT PAVEMENT MARKING LINES (4")
		1,821	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
		30	EA	PERMANENT RAISED PAVEMENT MARKERS
		319	LF	16" WATER LINE
		2	EA	16" TAPPING VALVE
		1	EA	RELOCATE FIRE HYDRANT
		570	LF	ABANDON 16" UTILITY PIPE
		273	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL
		1,050	LF	TEMPORARY SILT FENCE
		120	TON	STONE FOR EROSION CONTROL, CLASS A
		210	TON	STONE FOR EROSION CONTROL, CLASS B
		860	TON	SEDIMENT CONTROL STONE
		6.5	ACR	TEMPORARY MULCHING
		200	LB	SEED FOR TEMPORARY SEEDING
		2	TON	FERTILIZER FOR TEMPORARY SEEDING
		80	LF	TEMPORARY SLOPE DRAINS
		1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
		1,750	LF	SAFETY FENCE
		900	CY	SILT EXCAVATION
		2,650	SY	MATTING FOR EROSION CONTROL
		40	SY	COIR FIBER MAT
		1,150	SY	PERMANENT SOIL REINFORCEMENT MAT
		2,710	LF	1/4" HARDWARE CLOTH
		220	LF	WATTLE
		85	LB	POLYACRYLAMIDE (PAM)
		270	LF	COIR FIBER BAFFLES
		6	EA	*** SKIMMER (1-1/2")
		10	ACR	SEEDING & MULCHING
		5	ACR	MOWING
		50	LB	SEED FOR REPAIR SEEDING
		0.25	TON	FERTILIZER FOR REPAIR SEEDING
		150	LB	SEED FOR SUPPLEMENTAL SEEDING
		4	TON	FERTILIZER TOPDRESSING
		5	HR	SPECIALIZED HAND MOWING
		27	EA	RESPONSE FOR EROSION CONTROL
		0.5	ACR	REFORESTATION
		0.5	ACR	WETLAND REFORESTATION
Lump Sum	LS			MOBILIZATION
13,400	CY			UNCLASSIFIED EXCAVATION
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+64.00)
250	CY			UNDERCUT EXCAVATION
1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS			GRADING
13,690	CY			BORROW EXCAVATION
185	CY			DRAINAGE DITCH EXCAVATION
250	CY			SELECT GRANULAR MATERIAL
250	SY			FABRIC FOR SOIL STABILIZATION
72	SF			TEMPORARY SHORING
100	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
260	LF			*** CS PIPE CULVERTS, ***** THICK (72", 0.138")
72	LF			15" CS PIPE CULVERTS, 0.064" THICK
724	LF			PIPE REMOVAL
2,075	TON			AGGREGATE BASE COURSE
500	TON			INCIDENTAL STONE BASE
1,425	GAL			PRIME COAT
270	SY			INCIDENTAL MILLING
1,100	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
830	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,750	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
205	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
21	EA			RIGHT OF WAY MARKERS
34	CY			SUBDRAIN EXCAVATION
26	CY			SUBDRAIN FINE AGGREGATE
150	LF			6" PERFORATED SUBDRAIN PIPE
5	EA			6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA			CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF			6" OUTLET PIPE (SUBDRAINS)
964	SF			SANDBAG HEADWALL
8	EA			MASONRY DRAINAGE STRUCTURES
12.1	LF			MASONRY DRAINAGE STRUCTURES
2	EA			FRAME WITH GRATE, STD 840.24
5	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1	EA			FRAME WITH COVER, STD 840.54
950	LF			2'-6" CONCRETE CURB & GUTTER
300	SY			4" CONCRETE SIDEWALK
556.25	LF			STEEL BM GUARDRAIL
5	EA			ADDITIONAL GUARDRAIL POSTS
3	EA			GUARDRAIL ANCHOR UNITS, TYPE III
3	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
787.5	LF			TEMPORARY STEEL BM GUARDRAIL
4	EA			GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
445	TON			RIP RAP, CLASS I
210	TON			RIP RAP, CLASS B
1,500	SY			FILTER FABRIC FOR DRAINAGE
97	LF			SUPPORTS, 3-LB STEEL U-CHANNEL
6	EA			SIGN ERECTION, TYPE E
2	EA			SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (E)
6	EA			DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3	EA			DISPOSAL OF SIGN SYSTEM, WOOD

- 0.5 ACR GENERIC EROSION CONTROL ITEM  
DISKING
- 0.5 ACR GENERIC EROSION CONTROL ITEM  
RIPPING

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

- 124 LF 15" RC PIPE CULVERTS, CLASS  
III
- 472 LF 30" RC PIPE CULVERTS, CLASS  
III
- \*\*\* OR \*\*\*
- 96 LF 15" RC PIPE CULVERTS, CLASS  
III
- 28 LF \*\*\*" HDPE PIPE CULVERTS  
(15")
- 472 LF \*\*\*" HDPE PIPE CULVERTS  
(30")
- \*\*\* OR \*\*\*
- 96 LF 15" RC PIPE CULVERTS, CLASS  
III
- 28 LF \*\*\*" ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, \*\*\*"  
THICK  
(15", 0.064")
- 472 LF \*\*\*" ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, \*\*\*"  
THICK  
(30", 0.064")

\*\*\* END SCHEDULE AA \*\*\*

**STRUCTURE ITEMS**

- Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
AT STATION \*\*\*\*\*  
(19+64.00-L-)
- 1,400 CY UNCLASSIFIED STRUCTURE EXCAVA-  
TION
- 11,207 SF REINFORCED CONCRETE DECK SLAB
- 10,268 SF GROOVING BRIDGE FLOORS
- 126.9 CY CLASS A CONCRETE (BRIDGE)
- Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(19+64.00-L-)
- 21,866 LB REINFORCING STEEL (BRIDGE)
- 1,435.08 LF 45" PRESTRESSED CONCRETE GIR-  
DERS
- 520 LF HP12X53 STEEL PILES
- 440 LF HP14X73 GALVANIZED STEEL PILES
- 348.14 LF TWO BAR METAL RAIL
- 181.89 LF 1'-\*\*\*"X \*\*\*\*\*" CONCRETE PARA-  
PET  
(1'-2" X 3'-2 3/4")
- 181.92 LF 1'-\*\*\*"X \*\*\*\*\*" CONCRETE PARA-  
PET  
(1'-2" X 3'-8")
- 435 TON RIP RAP CLASS II (2'-0" THICK)
- 484 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

L090519 007

CONTRACT ID : C202305 45052.3.ST1

DIV OFFICE DURHAM

LENGTH = 2.500 MI

COUNTY : WAKE

MILLING, PAVING, AND ULTRATHIN HOT MIX ASPHALT OVERLAY.

DBE GOAL 6.0% COMPLETION DATE : JUN 30 2010

I-440 FROM I-40 TO US-64/264 BYPASS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
75,000	LB	SEALING EXISTING PAVEMENT CRACKS
3.3	SMI	SHOULDER RECONSTRUCTION
30,634	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
68,679	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
9,787	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
10,916	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
460	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
655	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
323	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
6,204	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
127,248	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
9,824	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
375	SF	WORK ZONE SIGNS (STATIONARY)
407	SF	WORK ZONE SIGNS (PORTABLE)
15	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	FLASHING ARROW PANELS, TYPE C
6	EA	CHANGEABLE MESSAGE SIGN
14	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
410	EA	DRUMS
40	LF	BARRICADES (TYPE III)
4	EA	TMIA
2,000	HR	GENERIC TRAFFIC CONTROL ITEM POLICE
73,340	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
22,376	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
7,950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
43	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,056	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (III)
43,428	LF	PAINT PAVEMENT MARKING LINES (6")
7,363	LF	PAINT PAVEMENT MARKING LINES (12")
44	EA	PAINT PAVEMENT MARKING CHARACTER
17	EA	PAINT PAVEMENT MARKING SYMBOL
2,056	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1,527	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
2.4	ACR	SEEDING & MULCHING
900	LF	INDUCTIVE LOOP SAWCUT

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 008

CONTRACT ID : C202306 45054.3.ST1

DIV OFFICE DURHAM

LENGTH = 3.800 MI

COUNTY : WAKE, DURHAM

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

DBE GOAL 6.0% COMPLETION DATE : MAY 27 2010

I-540 FROM I-40 TO US-70.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3.1	SMI	SHOULDER RECONSTRUCTION
308,175	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
3,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (6")
1,010	SY	INCIDENTAL MILLING
1,110	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
36,670	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
52	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,200	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
230	TON	PATCHING EXISTING PAVEMENT
14,966	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
2,000	HR	GENERIC TRAFFIC CONTROL ITEM POLICE
164,491	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
34,247	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
16,095	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
30	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
29	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
13,481	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (III)
2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)
13,481	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
2,668	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
2.3	ACR	SEEDING & MULCHING
290	LF	INDUCTIVE LOOP SAWCUT

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 009

CONTRACT ID : C201977 35196.3.ST1

DIV OFFICE FAYETTEVILLE

LENGTH = 2.538 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, &amp; STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : JUL 01 2012

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

ROADWAY ITEMS				
		21,100	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
		1,670	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
		1,260	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
		120	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
		911	M3	SUBDRAIN EXCAVATION
		456	M3	SUBDRAIN FINE AGGREGATE
		1,100	M	150MM PERFORATED SUBDRAIN PIPE
		110	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
		8	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
		16	M	150MM OUTLET PIPE (SUBDRAINS)
		2	M3	ENDWALLS
		2	M3	PIPE COLLARS
		1	M3	PIPE PLUGS
		192	EA	MASONRY DRAINAGE STRUCTURES
		60	M	MASONRY DRAINAGE STRUCTURES
		5	EA	FRAME WITH GRATE, STD 840.22
		21	EA	FRAME WITH TWO GRATES, STD 840.16
		31	EA	FRAME WITH TWO GRATES, STD 840.20
		61	EA	FRAME WITH TWO GRATES, STD 840.22
		16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
		27	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
		24	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
		5	EA	FRAME WITH COVER, STD 840.54
		11	M	*** X ***MM CONCRETE CURB (225MM X 300MM)
		2,170	M	450MM CONCRETE CURB & GUTTER
		3,370	M	750MM CONCRETE CURB & GUTTER
		2	EA	MODIFIED CONCRETE FLUME
		230	M	CONCRETE EXPRESSWAY GUTTER
		14	EA	CONCRETE WHEELCHAIR RAMPS
		16	M2	150MM CONCRETE DRIVEWAY
		4,400	M2	100MM CONCRETE ISLAND COVERS
		3,400	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
		565	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
		502.92	M	STEEL BM GUARDRAIL
		11.43	M	STEEL BM GUARDRAIL, SHOP CURVED
		5	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
		10	EA	ADDITIONAL GUARDRAIL POSTS
		6	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
		11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
		3	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
		1,600	M	REMOVE EXISTING GUARDRAIL
		3,600	M	WOVEN WIRE FENCE, 1200MM FABRIC
		740	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
		170	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
		5,140	M	CHAIN LINK FENCE, ****MM FABRIC (2100MM)
		1,396	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (2100MM)
		52	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (2100MM)
		100	M	ADDITIONAL BARBED WIRE
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			CONSTRUCTION SURVEYING
Lump Sum	LS			CLEARING & GRUBBING .. HECTARE(S)
3.2	HA			SUPPLEMENTARY CLEARING & GRUBBING
181.300	M3			UNCLASSIFIED EXCAVATION
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+72.005 -FLYOVER-)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+82.275 -FLYOVER-)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (41+41.155-COL2-)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (58+10+.083 -L- WBL)
19.000	M3			UNDERCUT EXCAVATION
225	MTN			CLASS IV SUBGRADE STABILIZATION
2,644,000	M3			BORROW EXCAVATION
12	EA			EMBANKMENT SETTLEMENT GAUGES
10,250	M3			DRAINAGE DITCH EXCAVATION
27,000	M2			REMOVAL OF EXISTING ASPHALT PAVEMENT
19	HR			PROOF ROLLING
16,200	M3			SELECT GRANULAR MATERIAL
16,200	M2			FABRIC FOR SOIL STABILIZATION
210	M2			TEMPORARY SHORING
100	MTN			GENERIC GRADING ITEM EXCAVATION & STOCKPILING OF CONTAMINATED SOIL
2,300	MTN			SELECT MATERIAL, CLASS IV
2,365	MTN			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
255.4	M			****MM RC PIPE CULVERTS, CLASS ***** (900MM, V)
3.6	M			300MM RC PIPE CULVERTS, CLASS III
46.8	M			1200MM RC PIPE CULVERTS, CLASS III
78	M			****MM RC PIPE CULVERTS, CLASS IV (600MM)
103.2	M			****MM RC PIPE CULVERTS, CLASS IV (900MM)
391.2	M			400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
20.4	M			450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
73.2	M			600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
49.2	M			800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
35.8	M			900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
23	EA			400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
4	EA			600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
2,088	M			PIPE REMOVAL
Lump Sum	LS			FINE GRADING
6,500	MTN			STABILIZER AGGREGATE
48,500	MTN			AGGREGATE BASE COURSE
2,000	MTN			INCIDENTAL STONE BASE
25,660	L			PRIME COAT
6,400	MTN			ASPHALT CONC BASE COURSE, TYPE B25.0C
26,600	MTN			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
2,500	MTN			ASPHALT CONC SURFACE COURSE, TYPE S9.5B

			2,150	M	COIR FIBER BAFFLES	
			3	EA	***MM SKIMMER (102MM)	
1	EA	GENERIC FENCING ITEM GATE, 2100MM HIGH, 26800MM OPENING	46	EA	***MM SKIMMER (38MM)	
665	MTN	RIP RAP, CLASS I	11	EA	***MM SKIMMER (51MM)	
730	MTN	RIP RAP, CLASS B	8	EA	***MM SKIMMER (64MM)	
27,005	M2	FILTER FABRIC FOR DRAINAGE	1	EA	***MM SKIMMER (76MM)	
6	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	187	HA	SEEDING & MULCHING	
143	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL	250	HA	MOWING	
40	EA	SIGN ERECTION, TYPE E	5,750	KG	SEED FOR REPAIR SEEDING	
1	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	19.25	MTN	FERTILIZER FOR REPAIR SEEDING	
46	M2	WORK ZONE SIGNS (STATIONARY)	4,800	KG	SEED FOR SUPPLEMENTAL SEEDING	
65	M2	WORK ZONE SIGNS (PORTABLE)	286	MTN	FERTILIZER TOPDRESSING	
10	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	50	M	IMPERVIOUS DIKE	
2	EA	FLASHING ARROW PANELS, TYPE C	10	HR	SPECIALIZED HAND MOWING	
4	EA	CHANGEABLE MESSAGE SIGN	108	EA	RESPONSE FOR EROSION CONTROL	
30	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)	1,008	M3	CULVERT DIVERSION CHANNEL	
450	EA	DRUMS	2	HA	REFORESTATION	
75	EA	CONES	615	M	SIGNAL CABLE	
137	M	BARRICADES (TYPE III)	15	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	
200	MD	FLAGGER	1	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	
4	EA	TEMPORARY CRASH CUSHIONS	195	M	MESSENGER CABLE (9.52MM)	
2	EA	TMIA	250	M	TRACER WIRE	
900	M	PORTABLE CONCRETE BARRIER	230	M	UNPAVED TRENCHING (***** (1, 50MM)	
300	M	RESET PORTABLE CONCRETE BARRIER	260	M	DIRECTIONAL DRILL (***** (2, 50MM)	
75	EA	SKINNY DRUM	2	EA	JUNCTION BOX (STANDARD SIZE)	
165	EA	TUBULAR MARKERS (FIXED)	2	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	
64	HR	GENERIC TRAFFIC CONTROL ITEM POLICE	1	EA	50MM RISER WITH HEAT SHRINK TUBING	
590	EA	TEMPORARY RAISED PAVEMENT MARKERS	685	M	INDUCTIVE LOOP SAWCUT	
7,310	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	1,115	M	LEAD-IN CABLE (***** (14-2)	
6,161	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	250	M	DROP CABLE	
40	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	1	EA	INTERCONNECT CENTER	
45	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	1	EA	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING	
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	2	EA	DELINEATOR MARKER	
37	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	1	EA	FURNISH FIBER-OPTIC RESTORATION KIT	
55,560	M	PAINT PAVEMENT MARKING LINES (100MM)	1	EA	FURNISH FIBER-OPTIC TRANSCEIVER	
1,200	M	PAINT PAVEMENT MARKING LINES (200MM)	4	EA	METAL STRAIN SIGNAL POLE	
60	M	PAINT PAVEMENT MARKING LINES (600MM)	4	EA	SOIL TEST	
3,375	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	20	M3	DRILLED PIER FOUNDATION	
4,314	M	CURING COMPOUND REMOVAL, LINES	3	EA	SIGN FOR SIGNALS	
612	EA	PERMANENT RAISED PAVEMENT MARKERS	2	EA	DETECTOR CARD (TYPE 2070L)	
572	EA	SNOWPLOWABLE PAVEMENT MARKERS				***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
3	EA	OBJECT MARKERS (END OF ROAD)	2,814.6	M	375MM RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	PORTABLE LIGHTING	963.6	M	450MM RC PIPE CULVERTS, CLASS III	
1,096	M	600MM WATER LINE	1,475.8	M	600MM RC PIPE CULVERTS, CLASS III	
1,060	M	ABANDON 600MM UTILITY PIPE	998.4	M	750MM RC PIPE CULVERTS, CLASS III	
60	MTN	GENERIC UTILITY ITEM FOUNDATION CONDITIONING MATERIAL	184.8	M	900MM RC PIPE CULVERTS, CLASS III	
32,000	M	TEMPORARY SILT FENCE				*** OR ***
4,665	MTN	STONE FOR EROSION CONTROL, CLASS A	2,338.2	M	375MM RC PIPE CULVERTS, CLASS III	
21,865	MTN	STONE FOR EROSION CONTROL, CLASS B	513.6	M	450MM RC PIPE CULVERTS, CLASS III	
10,670	MTN	SEDIMENT CONTROL STONE	1,217.8	M	600MM RC PIPE CULVERTS, CLASS III	
266	HA	TEMPORARY MULCHING	848.2	M	750MM RC PIPE CULVERTS, CLASS III	
4,175	KG	SEED FOR TEMPORARY SEEDING	82.8	M	900MM RC PIPE CULVERTS, CLASS III	
36	MTN	FERTILIZER FOR TEMPORARY SEEDING	476.4	M	***MM HDPE PIPE CULVERTS (400MM)	
9,500	M	TEMPORARY SLOPE DRAINS	450	M	***MM HDPE PIPE CULVERTS (450MM)	
40	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	258	M	***MM HDPE PIPE CULVERTS (600MM)	
4,500	M	SAFETY FENCE	150	M	***MM HDPE PIPE CULVERTS (800MM)	
29,980	M3	SILT EXCAVATION	102	M	***MM HDPE PIPE CULVERTS (900MM)	
107,800	M2	MATting FOR EROSION CONTROL				*** OR ***
345	M2	COIR FIBER MAT	2,338.2	M	375MM RC PIPE CULVERTS, CLASS III	
14,900	M2	PERMANENT SOIL REINFORCEMENT MAT				
830	M	6.4MM HARDWARE CLOTH				
300	M3	STILLING BASINS				
885	M	WATTLE				
714	KG	POLYACRYLAMIDE (PAM)				



				Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (63+66.830-L-)
513.6	M	450MM RC PIPE CULVERTS, CLASS III		260,605	KG	REINFORCING STEEL (BRIDGE)
1,217.8	M	600MM RC PIPE CULVERTS, CLASS III		10,436	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
848.2	M	750MM RC PIPE CULVERTS, CLASS III		2,440.004	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
82.8	M	900MM RC PIPE CULVERTS, CLASS III		145,100	LS	APPROX ..... KG STRUCTURAL STEEL
476.4	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (400MM, 1.63MM)		5,158	M	HP310X79 STEEL PILES
450	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (450MM, 1.63MM)		4,536	M	HP310X79 GALVANIZED STEEL PILES
258	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (600MM, 1.63MM)		7,562.1	M	HP360X108 STEEL PILES
150	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (800MM, 2.01MM)		570	M	HP360X108 GALVANIZED STEEL PILES
102	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (900MM, 2.01MM)		243	EA	PILE REDRIVES
				1,700.6	M	CONCRETE BARRIER RAIL
				223.92	M	*** X ****MM CONCRETE PARAPET (305MM X 457MM)
				576	M2	100MM SLOPE PROTECTION
				6,396	MTN	RIP RAP CLASS II (600MM THICK)
				6,847	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
				1,000.5	M2	GENERIC STRUCTURE ITEM VISUAL BARRIER WALL ON STRUCTURE

\*\*\* END SCHEDULE AA \*\*\*

**CULVERT ITEMS**

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

**WALL ITEMS**

2,018	M2	MSE RETAINING WALLS
2,180.008	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	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-)
4	EA	PDA TESTING
4	EA	PDA ASSISTANCE
13,304.2	M2	REINFORCED CONCRETE DECK SLAB
12,535.5	M2	GROOVING BRIDGE FLOORS
997.8	M3	CLASS AA CONCRETE (BRIDGE)
1,481.1	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+72.000-FLYOVER-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (41+41.155-COL2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (58+15.000-L-LT)

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 010

CONTRACT ID : C202304 45038.3.ST1

DIV OFFICE GREENSBORO

LENGTH = 1.945 MI

COUNTY : ROCKINGHAM

CONCRETE PAVEMENT REHABILITATION &amp; SHOULDER RECONSTRUCTION.

DBE GOAL 5.0% COMPLETION DATE : OCT 16 2009

US-29 FROM GUILFORD COUNTY LINE TO TROUBLESOME CREEK.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
100,360	LB	SEALING EXISTING PAVEMENT CRACKS
20	TON	AGGREGATE BASE COURSE
20	TON	INCIDENTAL STONE BASE
1	SMI	SHOULDER RECONSTRUCTION
28,241	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5")
5,447	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
2,449	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
30	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
407	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
139	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
2,675	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
76,478	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
38,881	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
1,500	GAL	GENERIC PAVING ITEM POLYURETHANE INJECTION RESIN
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
51,018	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
5,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
66	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
30	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
2,276	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
11	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
434	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
0.48	ACR	SEEDING & MULCHING

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 011

CONTRACT ID : C202300 45056.3.ST1

DIV OFFICE GREENSBORO

LENGTH = 4.147 MI

COUNTY : GUILFORD, ALAMANCE

MILLING AND RESURFACING.

DBE GOAL 5.0% COMPLETION DATE : OCT 30 2009

I-40 / I-85 FROM EAST OF SR-3056 (ROCK CREEK DAIRY RD) TO WEST OF SR-1311 (UNIVERSITY DR).

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
296	TON	INCIDENTAL STONE BASE
9,613	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
234,963	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
2,780	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2-1/2")
7,276	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
48,898	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
433	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,689	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
86,965	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
100	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF GRATES AND/OR FRAMES ON DROP INLETS
10	EA	GENERIC DRAINAGE ITEM REPAIR OF DROP INLETS
700	SF	WORK ZONE SIGNS (STATIONARY)
700	SF	WORK ZONE SIGNS (PORTABLE)
100	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	FLASHING ARROW PANELS, TYPE C
7	EA	CHANGEABLE MESSAGE SIGN
600	EA	DRUMS
48	LF	BARRICADES (TYPE III)
4	EA	TMA
93,997	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
34,283	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
211	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
4,403	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
56	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
14	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
128,280	LF	PAINT PAVEMENT MARKING LINES (6")
211	LF	PAINT PAVEMENT MARKING LINES (8")
4,403	LF	PAINT PAVEMENT MARKING LINES (12")
56	LF	PAINT PAVEMENT MARKING LINES (24")
14	EA	PAINT PAVEMENT MARKING SYMBOL
2,069	EA	SNOWPLOWABLE PAVEMENT MARKERS
600	EA	GENERIC TRAFFIC CONTROL ITEM REPLACEMENT OF EXT BARRIER DE- LINEATORS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 012

CONTRACT ID : C202112 33554.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.232 MI

COUNTY : MOORE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2010

BRIDGE OVER MCLENDON'S CREEK AND APPROACHES ON NC-27 AND NC-22.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+92.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
147	CY	DRAINAGE DITCH EXCAVATION
15	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
40	LF	15" RC PIPE CULVERTS, CLASS III
68	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
1,593	TON	AGGREGATE BASE COURSE
30	TON	INCIDENTAL STONE BASE
930	GAL	PRIME COAT
270	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
260	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
830	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
8	EA	RIGHT OF WAY MARKERS
112	CY	SUBDRAIN EXCAVATION
84	CY	SUBDRAIN FINE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
30	LF	SHOULDER BERM GUTTER
1,350	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
787.5	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
55	TON	RIP RAP, CLASS B
1,015	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
79	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
6	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
90	SF	WORK ZONE SIGNS (STATIONARY)
100	SF	WORK ZONE SIGNS (PORTABLE)
56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	DRUMS
25	EA	CONES
32	LF	BARRICADES (TYPE III)
80	MD	FLAGGER
70	EA	TEMPORARY RAISED PAVEMENT MARKERS
4,470	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
4,470	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)

900	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
4,900	LF	PAINT PAVEMENT MARKING LINES (4")
3	EA	PERMANENT RAISED PAVEMENT MARKERS
13	EA	SNOWFLOWABLE PAVEMENT MARKERS
3,820	LF	TEMPORARY SILT FENCE
120	TON	STONE FOR EROSION CONTROL, CLASS A
320	TON	STONE FOR EROSION CONTROL, CLASS B
300	TON	SEDIMENT CONTROL STONE
6.5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
1.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
430	LF	TEMPORARY SLOPE DRAINS
6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
1,100	CY	SILT EXCAVATION
2,650	SY	MATTING FOR EROSION CONTROL
50	SY	COIR FIBER MAT
160	SY	PERMANENT SOIL REINFORCEMENT MAT
70	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
50	LF	WATTLE
20	LB	POLYACRYLAMIDE (PAM)
310	LF	COIR FIBER BAFFLES
7	EA	*** SKIMMER (1-1/2")
15	ACR	SEEDING & MULCHING
5.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
150	LB	SEED FOR SUPPLEMENTAL SEEDING
4.5	TON	FERTILIZER TOPDRESSING
10	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION
***** BEGIN SCHEDULE AA ***** ***** (2 ALTERNATES) *****		
600	CY	UNDERCUT EXCAVATION
650	TON	CLASS IV SUBGRADE STABILIZA- TION
1,000	SY	FABRIC FOR SOIL STABILIZATION  *** OR ***
1,250	CY	UNDERCUT EXCAVATION
1,250	CY	SELECT GRANULAR MATERIAL
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (14+92.00-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+92.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+92.00-L-)
37.5	LF	3'-6" DIA DRILLED PIERS IN SOIL
26	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
21	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING

564	CY	UNCLASSIFIED STRUCTURE EXCAVATION
7.569	SF	REINFORCED CONCRETE DECK SLAB
8.055	SF	GROOVING BRIDGE FLOORS
116.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+92.00-L-)
24,362	LB	REINFORCING STEEL (BRIDGE)
1,950	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
853.85	LF	45" PRESTRESSED CONCRETE GIR- DERS
440	LF	HP12X53 STEEL PILES
346.45	LF	CONCRETE BARRIER RAIL
500	TON	RIP RAP CLASS II (2'-0" THICK)
556	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

L090519 013

CONTRACT ID : C202220 45109.3.ST1

DIV OFFICE WINSTON-SALEM

LENGTH = 13.560 MI

COUNTY : DAVIDSON

MILLING, RESURFACING &amp; SHOULDER DROP OFF REPAIR.

DBE GOAL 7.0% COMPLETION DATE : NOV 01 2009

1 SECTION OF NC-62, 1 SECTION OF NC-109, 1 SECTION OF NC-150, AND 2 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
15.27	SMI	MOBILIZATION GENERIC GRADING ITEM SHOULDER DROP OFF REPAIR
883	TON	INCIDENTAL STONE BASE
14,080	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
21,592	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
12,678	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
65	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
9,801	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
764	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
588	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
88	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF DROP INLETS
36	EA	ADJUSTMENT OF MANHOLES
62	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
230	HR	GENERIC TRAFFIC CONTROL ITEM POLICE
139,248	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
124,364	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
990	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
270	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
347	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,198	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
62	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
114	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
57,466	LF	PAINT PAVEMENT MARKING LINES (4")
1,125	LF	PAINT PAVEMENT MARKING LINES (8")
200	LF	PAINT PAVEMENT MARKING LINES (16")
450	LF	PAINT PAVEMENT MARKING LINES (24")
55	EA	PAINT PAVEMENT MARKING SYMBOL
355	EA	SNOWPLOWABLE PAVEMENT MARKERS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 014

CONTRACT ID : C202294 42297.3.ST1

DIV OFFICE ALBEMARLE

LENGTH = 5.630 MI

COUNTY : UNION, MECKLENBURG

MILLING, RESURFACING, CURB &amp; GUTTER, AND SHLDR RECONST.

DBE GOAL 7.0% COMPLETION DATE : SEP 30 2009

NC-218 FROM EAST OF I-485 TO WEST OF US-601.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
110	CY	BORROW EXCAVATION
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
24	LF	18" RC PIPE CULVERTS, CLASS III
20	LF	24" RC PIPE CULVERTS, CLASS III
1,500	TON	INCIDENTAL STONE BASE
12	SMI	SHOULDER RECONSTRUCTION
2,000	LF	DITCHING
1,600	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 4-1/2")
516	SY	INCIDENTAL MILLING
20	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
17,570	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
8,145	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
827	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
489	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,100	TON	PATCHING EXISTING PAVEMENT
5.5	CY	PIPE COLLARS
275	SY	6" CONCRETE DRIVEWAY
150	LF	GENERIC PAVING ITEM REMOVE & REPLACE 2'-6" CONCRETE CURB & GUTTER
1	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
600	LF	STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, MOD)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
60,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
59,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
60,000	LF	PAINT PAVEMENT MARKING LINES (4")
385	EA	PERMANENT RAISED PAVEMENT MARKERS
425	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS B
70	TON	SEDIMENT CONTROL STONE
350	SY	MATTING FOR EROSION CONTROL
750	LF	WATTLE
5	LB	POLYACRYLAMIDE (PAM)
6	ACR	SEEDING & MULCHING

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L090519 015****CONTRACT ID : C202295 42297.3.ST2****DIV OFFICE ALBEMARLE****LENGTH = 10.930 MI****COUNTY : UNION****MILLING, RESURFACING, GUARDRAIL, AND SHOULDER RECONSTR.****DBE GOAL 7.0% COMPLETION DATE : OCT 30 2009****NC-218 FROM EAST OF US-601 TO WEST OF NC-205.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
180	CY	BORROW EXCAVATION
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
16	LF	15" RC PIPE CULVERTS, CLASS III
24	LF	18" RC PIPE CULVERTS, CLASS III
12	LF	24" RC PIPE CULVERTS, CLASS III
3,275	TON	INCIDENTAL STONE BASE
21.86	SMI	SHOULDER RECONSTRUCTION
2,000	LF	DITCHING
1,600	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 4-1/2")
903	SY	INCIDENTAL MILLING
29,800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
15,375	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,401	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
923	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
5,465	TON	PATCHING EXISTING PAVEMENT
3.5	CY	PIPE COLLARS
725	SY	6" CONCRETE DRIVEWAY
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
800	LF	STEEL BM GUARDRAIL
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, MOD)
7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
125	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
118,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
115,350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
111,000	LF	PAINT PAVEMENT MARKING LINES (4")
800	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	TEMPORARY SILT FENCE
500	TON	STONE FOR EROSION CONTROL, CLASS B
150	TON	SEDIMENT CONTROL STONE
1,500	SY	MATTING FOR EROSION CONTROL
2,800	LF	WATTLE
30	LB	POLYACRYLAMIDE (PAM)
11	ACR	SEEDING & MULCHING



## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 016

CONTRACT ID : C202296 42297.3.ST3

DIV OFFICE ALBEMARLE

LENGTH = 13.600 MI

COUNTY : ANSON, UNION

MILLING, RESURFACING, GUARDRAIL, AND SHOULDER RECONSTR.

DBE GOAL 7.0% COMPLETION DATE : NOV 20 2009

NC-218 FROM EAST OF NC-205 TO US-74.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
180	CY	BORROW EXCAVATION
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
16	LF	15" RC PIPE CULVERTS, CLASS III
44	LF	18" RC PIPE CULVERTS, CLASS III
16	LF	24" RC PIPE CULVERTS, CLASS III
4	LF	30" RC PIPE CULVERTS, CLASS III
4,080	TON	INCIDENTAL STONE BASE
27.2	SMI	SHOULDER RECONSTRUCTION
2,000	LF	DITCHING
3,700	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2)
3,600	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 4-1/2")
946	SY	INCIDENTAL MILLING
40,968	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
21,824	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,925	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,309	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
5,465	TON	PATCHING EXISTING PAVEMENT
7	CY	PIPE COLLARS
400	SY	6" CONCRETE DRIVEWAY
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,525	LF	STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83
1,725	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
142,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
131,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
143,616	LF	PAINT PAVEMENT MARKING LINES (4")
950	EA	PERMANENT RAISED PAVEMENT MARKERS
1,500	LF	TEMPORARY SILT FENCE
500	TON	STONE FOR EROSION CONTROL, CLASS B
150	TON	SEDIMENT CONTROL STONE
2,500	SY	MATTING FOR EROSION CONTROL
150	SY	COIR FIBER MAT
3,250	LF	WATTLE
40	LB	POLYACRYLAMIDE (PAM)
14	ACR	SEEDING & MULCHING

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 017

CONTRACT ID : C202288 45057.3.ST1

DIV OFFICE ALBEMARLE

LENGTH = 3.340 MI

COUNTY : CABARRUS

MILLING, RESURFACING, RUMBLE STRIPS, AND SHOULDER RECONST.

DBE GOAL 5.0% COMPLETION DATE : OCT 30 2009

I-85 FROM US-29/601 TO NC-73.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
15	SMI	SHOULDER RECONSTRUCTION
71,575	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
3,000	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (1" TO 2-1/2")
1,850	SY	INCIDENTAL MILLING
11,266	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D
29,607	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
530	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,628	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
70,550	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
250	TON	GENERIC PAVING ITEM ASPHALT PLANT MIX, PAVEMENT REPAIR (B25.0C)
2,000	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (I19.0D)
525	SY	GENERIC PAVING ITEM CONTINUOUSLY REINFORCED CON- CRETE REPAIR
288	SF	WORK ZONE SIGNS (STATIONARY)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
275	EA	DRUMS
2	EA	TEMPORARY CRASH CUSHIONS
7	EA	RESET TEMPORARY CRASH CUSHIONS
2	EA	TMA
1,000	LF	PORTABLE CONCRETE BARRIER
7,000	LF	RESET PORTABLE CONCRETE BAR- RIER
120	HR	GENERIC TRAFFIC CONTROL ITEM POLICE
101,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
11,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
6,775	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
44,000	LF	PAINT PAVEMENT MARKING LINES (4")
1,025	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 018

CONTRACT ID : C202113 33812.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.104 MI

COUNTY : SURRY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : MAY 15 2010

BRIDGE OVER TOM'S CREEK & APPROACHES ON SR-2024.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (18+70)
250	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
168	CY	DRAINAGE DITCH EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
12	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
48	LF	18" RC PIPE CULVERTS, CLASS III
30	TON	AGGREGATE BASE COURSE
30	TON	INCIDENTAL STONE BASE
340	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
225	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
11	EA	RIGHT OF WAY MARKERS
26	CY	SUBDRAIN EXCAVATION
18	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)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
105	LF	SHOULDER BERM GUTTER
35	LF	CONCRETE VALLEY GUTTER
87.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III SHOP CURVED)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
29	TON	RIP RAP, CLASS II
18	TON	RIP RAP, CLASS B
854	SY	FILTER FABRIC FOR DRAINAGE
534	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	DRUMS
102	LF	BARRICADES (TYPE III)
5,000	LF	PAINT PAVEMENT MARKING LINES (4")
275	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
200	TON	STONE FOR EROSION CONTROL, CLASS B
250	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
75	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
485	CY	SILT EXCAVATION
1,000	SY	MATTING FOR EROSION CONTROL

50	SY	COIR FIBER MAT
250	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
200	LF	COIR FIBER BAFFLES
5	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

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

60	LF	15" RC PIPE CULVERTS, CLASS III
		*** OR ***
32	LF	15" RC PIPE CULVERTS, CLASS III
28	LF	*** HDPE PIPE CULVERTS (15")
		*** OR ***
32	LF	15" RC PIPE CULVERTS, CLASS III
28	LF	*** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")

\*\*\* END SCHEDULE AA \*\*\*

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+70.00-L-)
38.84	LF	3'-0" DIA DRILLED PIERS IN SOIL
39	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
41.72	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+70.00-L-)
63	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+70.00-L-)
15,836	LB	REINFORCING STEEL (BRIDGE)
1,998	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
300	LF	HP12X53 STEEL PILES
270.5	LF	TWO BAR METAL RAIL
285.5	LF	1'-*** X ***** CONCRETE PARAPET (1'-2" X 2'-10 7/8")
283	TON	RIP RAP CLASS II (2'-0" THICK)
314	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,567.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 019

CONTRACT ID : C202076 41863.3.ST1

DIV OFFICE NORTH WILKESBORO

LENGTH = 5.100 MI

COUNTY : YADKIN, SURRY

MILLING, RESURFACING, SLAB REMOVAL &amp; SHOULDER RECONSTRUCTION

DBE GOAL 4.0% COMPLETION DATE : NOV 13 2009

I-77 FROM US-21 (EXIT 79) TO MP-84.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,000	CY	UNDERCUT EXCAVATION
1,232	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT SLABS
1,232	SY	FABRIC FOR SOIL STABILIZATION
2,000	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS IV
100,000	LB	SEALING EXISTING PAVEMENT CRACKS
25.46	SMI	SHOULDER RECONSTRUCTION
95,041	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
16,470	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
991	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
294	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
5,618	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
160,513	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
107,712	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
1,232	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (9-1/2")
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
200	HR	GENERIC TRAFFIC CONTROL ITEM POLICE
148	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
143,232	LF	PAINT PAVEMENT MARKING LINES (6")
143,232	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
4,000	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
938	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
31.1	ACR	SEEDING & MULCHING

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L090519 020****CONTRACT ID : C202297 45043.3.ST1****DIV OFFICE SHELBY****LENGTH = 18.010 MI****COUNTY : ALEXANDER, IREDELL****ULTRATHIN OVERLAY.****DBE GOAL 7.0% COMPLETION DATE : OCT 16 2009****US-64 FROM NC-90 IN ALEXANDER CO TO NC-90 IN IREDELL CO.****ROADWAY ITEMS**

Lump Sum	LS	
577	TON	MOBILIZATION ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
2,000	TON	PATCHING EXISTING PAVEMENT
11,100	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
317,520	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
2	EA	CHANGEABLE MESSAGE SIGN
600	EA	DRUMS
150	MD	FLAGGER
206,521	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
123,346	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
10,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,125	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
271	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
330,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
10,550	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
2,125	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
271	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
3,000	EA	SNOWPLOWABLE PAVEMENT MARKERS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 021

CONTRACT ID : C202290 45044.3.ST1

DIV OFFICE SHELBY

LENGTH = 3.066 MI

COUNTY : CLEVELAND

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

DBE GOAL 5.0% COMPLETION DATE : NOV 02 2009

US-74 FROM SR-1170 TO SR-1161 (WEST LEE STREET).

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
12.264	SMI	SHOULDER RECONSTRUCTION
42.750	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
3.500	SY	INCIDENTAL MILLING
14.120	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
780	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
2.000	TON	PATCHING EXISTING PAVEMENT
38.500	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGN
600	EA	DRUMS
1	EA	TMIA
68.380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
10.180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
55	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
15.000	LF	PAINT PAVEMENT MARKING LINES (4")
25.000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
470	EA	SNOWPLOWABLE PAVEMENT MARKERS
500	LF	TEMPORARY SILT FENCE
120	TON	SEDIMENT CONTROL STONE
45	CY	SILT EXCAVATION
600	LF	1/4" HARDWARE CLOTH

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L090519 022****CONTRACT ID : C202291 45059.3.ST1****DIV OFFICE SHELBY****LENGTH = 1.800 MI****COUNTY : GASTON****MILLING & RESURFACING.****DBE GOAL 5.0% COMPLETION DATE : NOV 02 2009****I-85 FROM MP 22 TO MP 23.8****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
77,600	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
8,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
480	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
450	TON	PATCHING EXISTING PAVEMENT
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGN
300	EA	DRUMS
1	EA	TMIA
39,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
9,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
700	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L090519 023

CONTRACT ID : C202196 12CR.10231.7

DIV OFFICE SHELBY

LENGTH = 13.260 MI

COUNTY : CLEVELAND

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

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

1 SECTION OF US-74 BUSINESS, 3 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

L090519 024

CONTRACT ID : C202194 12CR.10361.9

DIV OFFICE SHELBY

LENGTH = 14.650 MI

COUNTY : GASTON

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : JUN 01 2010

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

L090519 025

CONTRACT ID : C202289 38687.3.ST1

DIV OFFICE ASHEVILLE

LENGTH = 23.830 MI

COUNTY : BURKE

MILLING, RESURFACING, ULTRATHIN, DECK REPAIR &amp; SHLDR RECONST

DBE GOAL 4.0% COMPLETION DATE : JUN 30 2010

I-40 FROM MP 95.17 TO MP 119.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
109,800	LB	SEALING EXISTING PAVEMENT CRACKS
214	TON	INCIDENTAL STONE BASE
5.4	SMI	SHOULDER RECONSTRUCTION
1,101	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (0-5/8")
363,488	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
30,826	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,850	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,825	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
7,100	TON	PATCHING EXISTING PAVEMENT
31,466	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
899,104	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
506,040	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
950	SY	4" CONCRETE PAVED DITCH
21,856	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
500	EA	DRUMS
2	EA	TMIA
610	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
136	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
715,364	LF	PAINT PAVEMENT MARKING LINES (6")
23,902	LF	PAINT PAVEMENT MARKING LINES (12")
610	LF	PAINT PAVEMENT MARKING LINES (24")
136	EA	PAINT PAVEMENT MARKING SYMBOL
715,364	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
23,902	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
Lump Sum	LS	PORTABLE LIGHTING
3.26	ACR	SEEDING & MULCHING
330	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR USING ELASTOMERIC CONCRETE

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 026

CONTRACT ID : C202310 45060.3.ST1

DIV OFFICE ASHEVILLE

LENGTH = 5.360 MI

COUNTY : BUNCOMBE

MILL, RESURF, CONC PVMT SLAB &amp; DECK REPAIR, &amp; SHLDR RECONST.

DBE GOAL 6.0% COMPLETION DATE : AUG 31 2010

I-26 FROM MP-31 TO MP-37.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,000	CY	UNDERCUT EXCAVATION
1,000	TON	CLASS IV SUBGRADE STABILIZATION
5,000	SY	FABRIC FOR SOIL STABILIZATION
30	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
15.55	SMI	SHOULDER RECONSTRUCTION
236,897	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
3,146	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
4,620	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 5")
34,620	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0D
24,232	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
1,635	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,352	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
250	TON	PATCHING EXISTING PAVEMENT
3,500	SF	PATCHING CONCRETE PAVEMENT SPALLS
107,712	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
11,324	SY	GENERIC PAVING ITEM REPAIR OF JOINTED CONCRETE PAVEMENT SLABS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
192	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
200	EA	DRUMS
2	EA	TMLA
86	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
134,460	LF	PAINT PAVEMENT MARKING LINES (6")
1,862	LF	PAINT PAVEMENT MARKING LINES (12")
134,460	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,862	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
770	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
9.41	ACR	SEEDING & MULCHING
864	LF	GENERIC STRUCTURE ITEM EVAZOTE EXPANSION JOINT REPLACEMENT
45	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR (CLASS II) USING ELASTOMERIC CONCRETE
10	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR (CLASS III) USING ELASTOMERIC CONCRETE
100	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR (CLASS I) USING ELASTOMERIC CONCRETE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 027

CONTRACT ID : C201755 33434.3.ST1

DIV OFFICE SYLVA

LENGTH = 0.060 MI

COUNTY : CHEROKEE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : NOV 15 2009

BRIDGE OVER JUNALUSKA CREEK & APPROACHES ON SR-1393.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (19+15.00)
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
11	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
52	LF	15" SIDE DRAIN PIPE
30	LF	PIPE REMOVAL
150	TON	INCIDENTAL STONE BASE
150	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
80	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
12	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
5	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
112	CY	SUBDRAIN EXCAVATION
84	CY	SUBDRAIN FINE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
50	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	GENERIC GUARDRAIL ITEM IMPACT ATTENUATOR UNIT, TYPE 350 TL-2
150	SY	FILTER FABRIC FOR DRAINAGE
9	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
15	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE E
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
285	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
131	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
19	EA	DRUMS
6	EA	CONES
96	LF	BARRICADES (TYPE III)
64	HR	FLAGGER
2,560	LF	PAINT PAVEMENT MARKING LINES (4")
330	LF	6" WATER LINE
25	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
25	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
600	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
140	TON	STONE FOR EROSION CONTROL, CLASS B
35	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING

0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
350	LF	SAFETY FENCE
270	CY	SILT EXCAVATION
180	SY	MATTING FOR EROSION CONTROL
17	SY	PERMANENT SOIL REINFORCEMENT MAT
35	LF	COIR FIBER BAFFLES
0.8	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
0.5	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 ***** (19+15.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+15.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19+15.00-L-)
1,467	SF	CONCRETE WEARING SURFACE
1,967	SF	GROOVING BRIDGE FLOORS
23.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+15.00-L-)
3,674	LB	REINFORCING STEEL (BRIDGE)
840	LF	HP12X53 STEEL PILES
89.57	LF	ONE BAR METAL RAIL
105.43	LF	1'-***X ***** CONCRETE PARAPET (1'-0" X 2'-0")
8	TON	RIP RAP CLASS II (2'-0" THICK)
15	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
527.16	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L090519 028

CONTRACT ID : C202087 34334.2.3

DIV OFFICE SYLVA

LENGTH = 2.916 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING, RETAINING WALL AND STRUCTURES.

DBE GOAL 11.0% COMPLETION DATE : AUG 01 2012

NC-225 FROM US-25 NEAR ZIRCONIA TO I-26 (US-25 &amp; I-26 CONNECTOR).

ROADWAY ITEMS				
		4,980	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
		26,940	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	5,250	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
Lump Sum	LS	1,620	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	4 ACR	320	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
Lump Sum	LS	30,153	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
Lump Sum	LS	83	EA	RIGHT OF WAY MARKERS
		336	CY	SUBDRAIN EXCAVATION
		191	CY	SUBDRAIN FINE AGGREGATE
15,000	CY	1,600	LF	6" PERFORATED SUBDRAIN PIPE
1,000	TON	30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
90	CY	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
850	LF	12	LF	6" OUTLET PIPE (SUBDRAINS)
5,670	SY	15	TON	BLOTTING SAND
50	HR	1.9	CY	ENDWALLS
1,000	CY	15.3	CY	REINFORCED ENDWALLS
1,000	SY	1,658	CY	PIPE COLLARS
1,750	SY	9	CY	FLOWABLE FILL
1,570	TON	97	EA	MASONRY DRAINAGE STRUCTURES
		97	EA	MASONRY DRAINAGE STRUCTURES
228	LF	19.2	CY	MASONRY DRAINAGE STRUCTURES
52	LF	13	LF	MASONRY DRAINAGE STRUCTURES
156	LF	4	EA	FRAME WITH GRATE, STD 840.22
		4	EA	FRAME WITH TWO GRATES, STD 840.16
120	LF	9	EA	FRAME WITH TWO GRATES, STD 840.20
50	LF	72	EA	FRAME WITH TWO GRATES, STD 840.22
156	LF	2	EA	FRAME WITH TWO GRATES, STD 840.24
		3	EA	FRAME WITH COVER, STD 840.54
672	LF	1,924	LF	SHOULDER BERM GUTTER
172	LF	2	EA	MODIFIED CONCRETE FLUME
		255	LF	CONCRETE EXPRESSWAY GUTTER
960	LF	100	SY	4" CONCRETE PAVED DITCH
		1,650	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
152	LF	306	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
36	LF	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
112	LF	16,325	LF	STEEL BM GUARDRAIL
2	EA	650	LF	STEEL BM GUARDRAIL, SHOP CURVED
		10	EA	ADDITIONAL GUARDRAIL POSTS
18	EA	19	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2	EA	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
6	EA	52	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
4,476	LF	6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
1	EA	6,651	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	14,680	LF	GENERIC GUARDRAIL ITEM
17,700	SY	4	EA	HIGH TENSION CABLE BARRIER (SOCKETED POST)
		4	EA	GENERIC GUARDRAIL ITEM
180	TON	32,820	LF	HIGH TENSION CABLE BARRIER ANCHOR
1,000	TON	2,120	EA	WOVEN WIRE FENCE, 47" FABRIC
41,200	SY	2,120	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
1,140	TON	420	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
8,820	GAL	1,520	LF	ADDITIONAL BARBED WIRE
2,000	TON	300	LF	WOVEN WIRE FENCE RESET
40,400	SY	300	LF	CHAIN LINK FENCE RESET
		340	TON	RIP RAP, CLASS I
1,300	TON			
890	TON			

			10.75	TON	FERTILIZER FOR TEMPORARY SEED- ING	
			6,500	LF	TEMPORARY SLOPE DRAINS	
			46	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
520	TON	RIP RAP, CLASS B				
5,205	SY	FILTER FABRIC FOR DRAINAGE				
86	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS	6,100	LF	SAFETY FENCE	
8,823	LB	SUPPORTS, BREAKAWAY STEEL BEAM	20,400	CY	SILT EXCAVATION	
10,633	LB	SUPPORTS, SIMPLE STEEL BEAM	72,000	SY	MATTING FOR EROSION CONTROL	
1,958	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	110	SY	COIR FIBER MAT	
3	EA	SIGN ERECTION, TYPE D	8,025	SY	PERMANENT SOIL REINFORCEMENT MAT	
65	EA	SIGN ERECTION, TYPE E	2,100	LF	1/4" HARDWARE CLOTH	
17	EA	SIGN ERECTION, TYPE F	60	LF	*** TEMPORARY PIPE (24")	
9	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	2	EA	SPECIAL STILLING BASINS	
		(A)	2,850	LF	WATTLE	
5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	1,200	LB	POLYACRYLAMIDE (PAM)	
		(B)	3,550	LF	COIR FIBER BAFFLES	
4	EA	SIGN ERECTION, MILEMARKERS	18	EA	*** SKIMMER (1-1/2")	
7	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	115	ACR	SEEDING & MULCHING	
110	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	58.5	ACR	MOWING	
2	EA	DISPOSAL OF SIGN, D, E OR F	700	LB	SEED FOR REPAIR SEEDING	
3	EA	DISPOSAL OF SIGN, MILEMARKER	2	TON	FERTILIZER FOR REPAIR SEEDING	
750	SF	WORK ZONE SIGNS (STATIONARY)	1,425	LB	SEED FOR SUPPLEMENTAL SEEDING	
672	SF	WORK ZONE SIGNS (PORTABLE)	42.25	TON	FERTILIZER TOPDRESSING	
210	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	50	LF	IMPERVIOUS DIKE	
			300	HR	SPECIALIZED HAND MOWING	
2	EA	FLASHING ARROW PANELS, TYPE C	36	EA	RESPONSE FOR EROSION CONTROL	
10	EA	CHANGEABLE MESSAGE SIGN	0.5	ACR	REFORESTATION	
390	EA	DRUMS	10	ACR	GENERIC EROSION CONTROL ITEM SOIL AMENDMENT	
584	LF	BARRICADES (TYPE III)				
3,000	MD	FLAGGER				***** BEGIN SCHEDULE AA *****
2	EA	TEMPORARY CRASH CUSHIONS				***** (3 ALTERNATES) *****
2	EA	TMIA				
800	LF	PORTABLE CONCRETE BARRIER	4,420	LF	15" RC PIPE CULVERTS, CLASS III	
2	EA	GENERIC TRAFFIC CONTROL ITEM AFAD SYSTEM (LONG TERM)	2,756	LF	18" RC PIPE CULVERTS, CLASS III	
2,500	HR	GENERIC TRAFFIC CONTROL ITEM LAW ENFORCEMENT	3,928	LF	24" RC PIPE CULVERTS, CLASS III	
4,500	EA	TEMPORARY RAISED PAVEMENT MARKERS	812	LF	30" RC PIPE CULVERTS, CLASS III	
106,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	300	LF	36" RC PIPE CULVERTS, CLASS III	
31,532	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				*** OR ***
2,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	2,328	LF	15" RC PIPE CULVERTS, CLASS III	
450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	896	LF	18" RC PIPE CULVERTS, CLASS III	
30	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	476	LF	24" RC PIPE CULVERTS, CLASS III	
2,003	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)	228	LF	30" RC PIPE CULVERTS, CLASS III	
4,005	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	268	LF	36" RC PIPE CULVERTS, CLASS III	
287,030	LF	PAINT PAVEMENT MARKING LINES (4")	2,092	LF	**** HDPE PIPE CULVERTS (15")	
130	LF	PAINT PAVEMENT MARKING LINES (8")	1,860	LF	**** HDPE PIPE CULVERTS (18")	
24	EA	PAINT PAVEMENT MARKING SYMBOL	3,452	LF	**** HDPE PIPE CULVERTS (24")	
2,421	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	584	LF	**** HDPE PIPE CULVERTS (30")	
10	EA	PERMANENT RAISED PAVEMENT MARKERS	32	LF	**** HDPE PIPE CULVERTS (36")	
						*** OR ***
550	EA	SNOWPLOWABLE PAVEMENT MARKERS	2,328	LF	15" RC PIPE CULVERTS, CLASS III	
50	EA	FLEXIBLE DELINEATORS (CRYSTAL)	896	LF	18" RC PIPE CULVERTS, CLASS III	
20	EA	FLEXIBLE DELINEATORS (YELLOW)	476	LF	24" RC PIPE CULVERTS, CLASS III	
10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)	228	LF	30" RC PIPE CULVERTS, CLASS III	
10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)	268	LF	36" RC PIPE CULVERTS, CLASS III	
467	LF	6" WATER LINE	2,092	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")	
1,048	LF	12" WATER LINE	1,860	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (18", 0.064")	
1	EA	6" VALVE				
1	EA	12" VALVE				
1	EA	12" TAPPING VALVE				
2	EA	RELOCATE WATER METER				
1	EA	FIRE HYDRANT				
1	EA	GENERIC UTILITY ITEM ADJUST WATER VALVE BOX				
55,500	LF	TEMPORARY SILT FENCE	3,452	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (24", 0.064")	
2,350	TON	STONE FOR EROSION CONTROL, CLASS A				
5,575	TON	STONE FOR EROSION CONTROL, CLASS B				
3,550	TON	SEDIMENT CONTROL STONE				
90	ACR	TEMPORARY MULCHING				
2,400	LB	SEED FOR TEMPORARY SEEDING				

32 LF \*\*\*" ALUMINIZED CORRUGATED  
STEEL PIPE CULVERTS, \*\*\*\*"  
THICK  
(36", 0.079")

\*\*\* END SCHEDULE AA \*\*\*

\*\*\*\*\* BEGIN SCHEDULE AB \*\*\*\*\*  
\*\*\*\*\* ( 2 ALTERNATES ) \*\*\*\*\*

496.800 CY UNCLASSIFIED EXCAVATION  
49.800 TON AGGREGATE BASE COURSE  
9.400 CY SHOULDER BORROW  
13.345 GAL PRIME COAT  
21,340 TON ASPHALT CONC BASE COURSE, TYPE  
B25.0C  
18.040 TON ASPHALT CONC INTERMEDIATE  
COURSE, TYPE I19.0C  
2.505 TON ASPHALT BINDER FOR PLANT MIX,  
GRADE PG 64-22

\*\*\* OR \*\*\*

490.000 CY UNCLASSIFIED EXCAVATION  
17.600 TON AGGREGATE BASE COURSE  
8,160 CY SHOULDER BORROW  
10.690 GAL PRIME COAT  
30,570 TON ASPHALT CONC BASE COURSE, TYPE  
B25.0C  
22,690 TON ASPHALT CONC INTERMEDIATE  
COURSE, TYPE I19.0C  
3,120 TON ASPHALT BINDER FOR PLANT MIX,  
GRADE PG 64-22

\*\*\* END SCHEDULE AB \*\*\*

**WALL ITEMS**

1,090 SF SOLDIER PILE RETAINING WALLS  
20,416 SF GENERIC RETAINING WALL ITEM  
SOUND BARRIER WALL

**STRUCTURE ITEMS**

Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
AT STATION \*\*\*\*\*  
(780+05.14-L-SBL)  
Lump Sum LS FOUNDATION EXCAVATION FOR BENT  
\*\* AT STATION \*\*\*\*\*  
(1,780+05.14-L-NBL)  
Lump Sum LS FOUNDATION EXCAVATION FOR BENT  
\*\* AT STATION \*\*\*\*\*  
(1,780+05.14-L-SBL)  
2,366 CY UNCLASSIFIED STRUCTURE EXCAVA-  
TION  
18,104 SF REINFORCED CONCRETE DECK SLAB  
21,598 SF GROOVING BRIDGE FLOORS  
351.4 CY CLASS A CONCRETE (BRIDGE)  
Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(780+05.14-L-NBL)  
Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(780+05.14-L-SBL)  
56.630 LB REINFORCING STEEL (BRIDGE)  
2,120 LB SPIRAL COLUMN REINFORCING  
STEEL (BRIDGE)  
594.064 LS APPROX ..... LBS STRUCTURAL  
STEEL  
3,455 LF HP12X53 STEEL PILES  
44 EA STEEL PILE POINTS  
877.52 LF CONCRETE BARRIER RAIL  
1,302 SY 4" SLOPE PROTECTION  
Lump Sum LS POT BEARINGS  
Lump Sum LS ELASTOMERIC BEARINGS  
Lump Sum LS EVAZOTE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L090519 029

CONTRACT ID : C202141 47015.3.1

DIV OFFICE SYLVA

LENGTH = 0.147 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : NOV 20 2009

BRIDGE OVER MUD CREEK ON SR-1764 (OLD SPARTANBURG HWY).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
7	EA	SELECT TREE REMOVAL
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
100	CY	UNDERCUT EXCAVATION
111	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
584	LF	15" RC PIPE CULVERTS, CLASS III
144	LF	24" RC PIPE CULVERTS, CLASS III
32	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (36", 0.500")
201.3	LF	PIPE REMOVAL
150	TON	INCIDENTAL STONE BASE
270	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,040	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
760	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
530	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
113	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
130	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
0.686	CY	PIPE PLUGS
8.8	CY	FLOWABLE FILL
21	EA	MASONRY DRAINAGE STRUCTURES
5.36	LF	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.16
1	EA	FRAME WITH TWO GRATES, STD 840.29
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
3	EA	FRAME WITH COVER, STD 840.54
1,580	LF	2'-6" CONCRETE CURB & GUTTER
320	SY	4" CONCRETE SIDEWALK
8	EA	CONCRETE WHEELCHAIR RAMPS
136	SY	6" CONCRETE DRIVEWAY
4	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
1	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1	EA	GENERIC GUARDRAIL ITEM IMPACT ATTENUATOR UNIT, TYPE 350, TL-2
2	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, DOUBLE GATE (72")
1	EA	DOUBLE GATES, *** HIGH, *** WIDE, *** OPENING (72", 8', 16')
12	TON	RIP RAP, CLASS I
794	SY	FILTER FABRIC FOR DRAINAGE
353	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
165	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
112	LF	BARRICADES (TYPE III)
180	MD	FLAGGER

10,014	LF	PAINT PAVEMENT MARKING LINES (4")
464	LF	PAINT PAVEMENT MARKING LINES (8")
200	LF	PAINT PAVEMENT MARKING LINES (16")
272	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARACTER
20	EA	PAINT PAVEMENT MARKING SYMBOL
48	EA	SNOWPLOWABLE PAVEMENT MARKERS
50	LF	6" WATER LINE
40	LF	10" WATER LINE
170	LF	12" WATER LINE
2	EA	10" VALVE
40	LF	ABANDON 6" UTILITY PIPE
200	LF	ABANDON 10" UTILITY PIPE
94	LF	24" ENCASEMENT PIPE
94	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
1,485	LF	TEMPORARY SILT FENCE
115	TON	STONE FOR EROSION CONTROL, CLASS A
75	TON	STONE FOR EROSION CONTROL, CLASS B
345	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	SAFETY FENCE
115	CY	SILT EXCAVATION
960	SY	MATTING FOR EROSION CONTROL
480	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
0.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
0.5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+68.00 -L-)
258.5	LF	4'-0" DIA DRILLED PIERS IN SOIL
4	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
4	EA	SID INSPECTION
4	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+68.00 -L-)
26.1	CY	CLASS AA CONCRETE (BRIDGE)
49.6	CY	CLASS A CONCRETE (BRIDGE)
40,741	LB	REINFORCING STEEL (BRIDGE)
1,069	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
6,854	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
625	LF	HP12X53 GALVANIZED STEEL PILES
10	EA	STEEL PILE POINTS
4,100	SF	SHEET PILE RETAINING WALLS
104,604	LF	THREE BAR METAL RAIL
1	TON	RIP RAP, CLASS B
80	TON	RIP RAP CLASS II (2'-0" THICK)
60	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS



840	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM END BENT DRAINAGE SYSTEM