



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

September 18, 2007

Notice To: All Prequalified Contractors

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

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

Subject: Bonding Reminder

As a reminder to all Prequalified Bidders, when you requalify every three years, you are required to show the ability to obtain bonding. The requirements for bonding are described in North Carolina General Statute 44A-26. According to this statute, for contracts in excess of \$300,000, contractors must provide a performance and payment bond. Furthermore, it states, "The performance bond and the payment bond shall be executed by one or more surety companies legally authorized to do business in the State of North Carolina." Therefore, when requalifying you must give current evidence of the ability to secure bonding in excess of \$300,000 from a surety company legally authorized to do business in North Carolina. You may confirm your surety company's status at the following web link provided by the North Carolina Department of Insurance:

http://infoportal.ncdoi.net/run_reports.jsp?REPT=INSCMPLOA

Please click on "Fidelity and Surety". It will provide for you in real-time all the North Carolina licensed surety companies. If your surety company's name does not show up exactly as it appears on this list or does not appear at all, you may want to confirm the name with your insurance company. We will not accept bond letters or other evidence of bonding if the name of the surety does not match exactly the ones on this list.

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

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

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

WEBSITE: WWW.DOH.DOT.STATE.NC.US

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




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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SECRETARY

September 18, 2007

MEMORANDUM TO: Prospective Bidders 
FROM: Randy A. Garris, PE, Contract Officer
SUBJECT: New On-The-Job Training Special Provision

Effective with the November 20, 2007 letting, the Project Special Provision for Training will be revised. The following are highlights of the differences between the old provision *Training Special Provisions* and the new Special Provision *On the Job Training*.

- All contractors, both existing and newcomers will be automatically placed in the Alternate Program. Standard OJT requirements typically associated with individual projects will no longer be applied at the project level; instead, these requirements will be applicable on an annual basis for each contractor.
- The number of training slots may range from no less than 1 to no more than 15 per contractor per calendar year. The Contractor shall sign an agreement to fulfill their goal for the year. A sample agreement is available at www.ncdot.org/business/ocs/ojt/.
- Contractors working in North Carolina must use the NCDOT program classifications as shown in the *On-the-Job Training Program Manual* available at <http://www.ncdot.org/business/ocs/ojt/word/MANUAL.DOC>.
- If a contractor fails to attain their training assignments for the calendar year, they may be taken off the Bidders List.
- There is no change in the payment for Trainees. There will be no compensation for providing training required by the contract documents.

The new provision for *On the Job Training* is attached for your convenience. If there are any questions, please call Marvin Butler, UCP, Training, and HBCU/MIHE Services Unit at 919-733-7174.

ON-THE-JOB TRAINING:

(10-16-07)

Z-10

Description

The North Carolina Department of Transportation will administer a custom version of the Federal On-the-Job Training (OJT) Program, commonly referred to the Alternate OJT Program. All contractors (existing and newcomers) will be automatically placed in the Alternate Program. Standard OJT requirements typically associated with individual projects will no longer be applied at the project level. Instead, these requirements will be applicable on an annual basis for each contractor.

On the Job Training shall meet the requirements of 23 CFR 230.107 (b), 23 USC – Section 140, this provision and the *On-the-Job Training Program Manual*.

The Alternate OJT Program will allow a contractor to train employees on Federal, State and privately funded projects located in North Carolina. However, priority must be given to training employees on Federal funded projects.

Minorities and Women

Training and upgrading of minorities and women toward journeymen status is a primary objective of this provision. Accordingly, the Contractor shall make every effort to enroll minority trainees and women to the extent that such persons are available within a reasonable area of recruitment. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether or not members of a minority group.

Assessing Training Goals

The Department through the On-The-Job Training (OJT) Program Manager of the Contractor Support Services Section within the UCP, Training and HBCU/MIHE Services Unit will assign training goals for a calendar year based on past three years' activity and anticipated upcoming year's activity with the Department. At the beginning of each year, all contractors will be contacted by the Department to determine the number of trainees that will be assigned to the Contractor for that calendar year. At that time the Contractor shall enter into an agreement with the Department to provide a self-imposed on-the-job training program for the calendar year. This agreement will include a specific number of annual training slots agreed to by both parties. The number of training slots may range from 1 to 15 per contractor per calendar year. The Contractor shall sign an agreement to fulfill their goal for the year. A sample agreement is available at www.ncdot.org/business/ocs/ojt/.

Training Classifications

The Contractor shall provide on-the-job training aimed at developing full journey workers in the construction crafts. Preference shall be given to providing training in the following skilled work classifications:

Equipment Operators
Truck Drivers
Carpenters
Concrete Finishers
Pipe Layers

Office Engineers
Estimators
Iron / Reinforcing Steel Workers
Mechanics
Welders

The Department has established common training classifications and their respective training requirements that may be used by the contractors. However, the classifications established are not all-inclusive. Where the training is oriented toward construction applications, training will be allowed in lower-level management positions such as office engineers, estimators and timekeepers. Contractors shall submit new classifications for specific job functions that their employees are performing. The Department will review and recommend for acceptance to FHWA the new classifications proposed by contractors, if applicable. New classifications shall meet the following requirements:

Proposed training classifications are reasonable and realistic based on the job skill classification needs, and

The number of training hours specified in the training classification is consistent with common practices and provides enough time for the trainee to obtain journeyman level status.

The Contractor may allow trainees to be trained by a subcontractor provided that the Contractor retains primary responsibility for meeting the training and this provision is made applicable to the subcontract. However, only the Contractor will receive credit towards the annual goal for the trainee.

Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. The number of trainees shall be distributed among the work classifications on the basis of the contractor's needs and the availability of journeymen in the various classifications within a reasonable area of recruitment.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journeyman status or in which they have been employed as a journeyman.

Records and Reports

The Contractor shall furnish the trainee a copy of the training program to be followed. Additionally, the Contractor shall provide each trainee with a certification showing the type and length of training satisfactorily completed.

The Contractor will maintain and furnish monthly reports documenting company compliance under these contract documents. This information shall be provided to the On-The-Job Training (OJT) Program Manager of the Contractor Support Services Section within the UCP, Training and HBCU/MIHE Services Unit.

Trainee Wages

Contractors shall compensate trainees on a graduating pay scale based upon a percentage of the prevailing minimum journeyman wages (Davis-Bacon Act). Minimum pay shall be as follows:

60 percent	of the journeyman wage for the first half of the training period
75 percent	of the journeyman wage for the third quarter of the training period
90 percent	of the journeyman wage for the last quarter of the training period

In no instance shall a trainee be paid less than the local minimum wage. It is the Contractor's responsibility to adhere to the minimum rate that will satisfy both the NCDOL and the Department.

Achieving or Failing to Meet Training Goals

The Contractor will be credited for each trainee employed by him on the contract work who is currently enrolled or becomes enrolled in an approved program and who receives training for at least 50 percent of the specific program requirement. Trainees will be allowed to be transferred between projects if required by the Contractor's workload scheduling.

If a contractor fails to attain their training assignments for the calendar year, they may be taken off the Bidders List.

Measurement and Payment

No compensation will be provided for providing training required by the contract documents.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 20, 2007

MEMORANDUM TO: Prospective Bidders

FROM: Randy A. Garris, PE *RA Garris*
Contract Office

SUBJECT: Erosion and Sediment Control/ Stormwater Certification Training
Level III-A & Level III-B

As you are aware, the Department has implemented two of the three phases of Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to alert Contractors and Private Engineering Firms of changes to the Level III Certification Program. To better provide the necessary instruction and software tools for personnel tasked with E&SC plan design, two emphasis areas, Level III-A and Level III-B have been developed.

Level III-A will target Private Engineering Firms and Design Build Contractors who design erosion and sediment control and stormwater pollution prevention plans under the NCDOT Delegated program. Plans developed under the Department's Delegated Erosion and Sediment Control Program require approval by the Department prior to implementation.

Level III-B will target Bid-Build and Design-Build Contractors as well as Private Engineering Firms who design the erosion and sediment control component of reclamation plans.

The workshop for each Level III specialty area is a one-day fast paced class for engineers and advanced level technicians. Workshops will be offered on a regional basis with instructors from North Carolina State University. Engineering analysis methods for erosion prediction and design will be presented as well as hydrologic and hydraulic engineering principles. Certification exams are associated with each workshop. The implementation date for Level III-A and Level III-B is January 2008 and plans submitted after that date will be accompanied with the appropriate Level III certification number of the designer.

To obtain detailed information regarding the certification program, review locations for Level III classes or registration, or view the project special provision included in contracts, please visit the certification website at: www.bae.ncsu.edu/workshops/dot/index.html Registration for Level III workshops are currently open and accepting registrants.

Questions not addressed on the website may be directed to Ted Sherrod of the Roadside Environmental Unit at tsherrod@dot.state.nc.us or by phone at (919) 733-2920.

rce

cc: Ellis Powell, P.E., State Construction Engineer
Don Lee, CPESC, State Roadside Environmental Engineer

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CHIEF ENGINEER'S OFFICE
1537 MAIL SERVICE CENTER

TELEPHONE: 919-733-7621
FAX: 919-733-4141

WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH NC

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

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON OCTOBER 16, 2007. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

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

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

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

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

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

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS SEPTEMBER 18, 2007.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

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

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

Bid Letting Number L071016

RPN	Contract Id	WBS	County	Length	JobType
001	C201883	2CR.10541.7	LENOIR	9.900 MI	MILLING AND RESURFACING.
002	C201880	2CR.10741.5	PITT	14.900 MI	RESURFACING.
003	C201888	34612.3.2	JOHNSTON	0.400 MI	WIDENING, GRADING, DRAINAGE, PAVING, & SIGNALS.
004	C201791	37490.3.GV1	VANCE	5.323 MI	GRADING, DRAINAGE, PVMT REHAB, GUARDRAIL, & RAIL RETROFIT.
005	C201461	39750.3.1	CUMBERLAND	0.598 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
006	C201683	34462.3.2	MECKLENBURG	1.828 KM	WIDENING, GRADING, DRAINAGE, PAVING, & SIGNALS.
007	C201864	12CR.10361.7	GASTON	8.100 MI	MILLING AND RESURFACING OR HOT-IN-PLACE.
008	C201865	37831	BUNCOMBE	1.586 MI	GRADING, DRAINAGE, WIDENING, CURB AND GUTTER & PAVING.
009	C201681	33301.3.1	HAYWOOD	0.163 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
010	C201887	39997.3.GV1	HAYWOOD	14.800 MI	MILLING, RESURFACING, SIGNING AND GUARDRAIL.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071016 001

CONTRACT ID : C201883 2CR.10541.7

DIV OFFICE GREENVILLE

LENGTH = 9.900 MI

COUNTY : LENOIR

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 2.0% COMPLETION DATE : NOV 01 2008

NC-11 FROM PITT CO LINE TO BEGINNING OF CURB & GUTTER IN KINSTON.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
278,784	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
40,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
37,010	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,880	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,220	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
217,008	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
26,136	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
108	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
26,136	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071016 002

CONTRACT ID : C201880

2CR.10741.5

DIV OFFICE GREENVILLE

LENGTH = 14.900 MI

COUNTY : PITT

RESURFACING.

MBE GOAL 3.0% WBE 2.0% COMPLETION DATE : NOV 01 2008

NC-11 FROM LENOIR COUNTY LINE TO NC-903 & NC-11 FROM TAR RIVER TO NC-903.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
59.6	SMI	SHOULDER RECONSTRUCTION
14,000	SY	INCIDENTAL MILLING
123,304	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
7,399	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
4	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
320,648	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
39,336	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
58	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
279	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
36	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071016 003

CONTRACT ID : C201888 34612.3.2

DIV OFFICE WILSON

LENGTH = 0.400 MI

COUNTY : JOHNSTON

WIDENING, GRADING, DRAINAGE, PAVING, & SIGNALS.

DBE GOAL 9.0% COMPLETION DATE : DEC 31 2008

SR-1178 (KEEN RD) FROM US-301 TO SR-1164 (ALLENDALE RD).

ROADWAY ITEMS				
			500	LF CHAIN LINK FENCE, 48" FABRIC
			44	EA METAL LINE POSTS FOR 48" CHAIN LINK FENCE
			4	EA METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
			2	EA METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (48")
			1	EA SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (48", 10', 10')
			40	TON RIP RAP, CLASS B
			565	SY FILTER FABRIC FOR DRAINAGE
			42.5	SF CONTRACTOR FURNISHED, TYPE *** SIGN (E)
			34.75	SF CONTRACTOR FURNISHED, TYPE *** SIGN (F)
			201	LF SUPPORTS, 3-LB STEEL U-CHANNEL
			8	EA SIGN ERECTION, TYPE E
			2	EA SIGN ERECTION, TYPE F
			1	EA SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
			1	EA SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (F)
			10	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			2	EA DISPOSAL OF SIGN SYSTEM, WOOD
			2	EA DISPOSAL OF SUPPORT, U-CHANNEL
			622	SF WORK ZONE SIGNS (STATIONARY)
			96	SF WORK ZONE SIGNS (PORTABLE)
			248	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
			58	EA DRUMS
			136	LF BARRICADES (TYPE III)
			90	MD FLAGGER
			360	HR POLICE
			85	EA TEMPORARY RAISED PAVEMENT MARKERS
			215	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			4,923	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			84	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			23	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			11,772	LF PAINT PAVEMENT MARKING LINES (4")
			195	LF PAINT PAVEMENT MARKING LINES (24")
			4	EA PAINT PAVEMENT MARKING SYMBOL
			5,409	LF REMOVAL OF PAVEMENT MARKING LINES (4")
			174	EA PERMANENT RAISED PAVEMENT MARKERS
			22	LF 2" WATER LINE
			168	LF 3" WATER LINE
			568	LF 6" WATER LINE
			20	LF 8" WATER LINE
			1	EA *** VALVE (3")
			2	EA 6" VALVE
			1	EA 6" TAPPING VALVE
			12	EA RELOCATE WATER METER
			1	EA FIRE HYDRANT
			1	EA RELOCATE FIRE HYDRANT
			504	LF 8" SANITARY GRAVITY SEWER
			140	LF 6" FORCE MAIN SEWER
			6	EA 4' DIA UTILITY MANHOLE
			10	LF UTILITY MANHOLE WALL, 4' DIA
			433	LF ABANDON 8" UTILITY PIPE
			2,060	LF TEMPORARY SILT FENCE
			1,295	TON STONE FOR EROSION CONTROL, CLASS A
			715	TON STONE FOR EROSION CONTROL, CLASS B
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)		
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING		
1,800	CY	UNCLASSIFIED EXCAVATION		
1,300	CY	UNDERCUT EXCAVATION		
2,400	TON	CLASS IV SUBGRADE STABILIZATION		
2,800	CY	BORROW EXCAVATION		
1,200	CY	DRAINAGE DITCH EXCAVATION		
1,400	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT		
3,600	SY	FABRIC FOR SOIL STABILIZATION		
420	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		
828	LF	42" RC PIPE CULVERTS, CLASS III		
248	LF	48" RC PIPE CULVERTS, CLASS III		
164	LF	54" RC PIPE CULVERTS, CLASS III		
1	EA	*** SADDLE BRANCH CONNECTOR (18")		
4	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		
112	LF	**** X **** BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (95" X 67", 0.109")		
704	LF	PIPE REMOVAL		
Lump Sum	LS	FINE GRADING		
100	TON	INCIDENTAL STONE BASE		
1,100	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (1" TO 4")		
1,800	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
1,600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
1,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
270	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
250	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
4.5	CY	ENDWALLS		
17.4	CY	REINFORCED ENDWALLS		
1	CY	PIPE COLLARS		
1	CY	PIPE PLUGS		
52	EA	MASONRY DRAINAGE STRUCTURES		
25.2	CY	MASONRY DRAINAGE STRUCTURES		
20	LF	MASONRY DRAINAGE STRUCTURES		
6	EA	FRAME WITH TWO GRATES, STD 840.16		
5	EA	FRAME WITH TWO GRATES, STD 840.24		
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		
14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		
9	EA	FRAME WITH COVER, STD 840.54		
7	EA	STEEL FRAME WITH TWO GRATES, STD 840.37		
Lump Sum	LS	GENERIC DRAINAGE ITEM WET DETENTION POND		
3,300	LF	2'-6" CONCRETE CURB & GUTTER		
1,000	SY	4" CONCRETE SIDEWALK		
7	EA	CONCRETE WHEELCHAIR RAMPS		
250	SY	6" CONCRETE DRIVEWAY		
9	EA	ADJUSTMENT OF MANHOLES		
22	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		

			36	LF	**** HDPE PIPE CULVERTS (24")	
			36	LF	**** HDPE PIPE CULVERTS (30")	
						*** OR ***
1,390	TON	SEDIMENT CONTROL STONE				
4	ACR	TEMPORARY MULCHING				
150	LB	SEED FOR TEMPORARY SEEDING				
0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING	1,000	LF	15" RC PIPE CULVERTS, CLASS III	
50	LF	TEMPORARY SLOPE DRAINS	588	LF	18" RC PIPE CULVERTS, CLASS III	
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	36	LF	24" RC PIPE CULVERTS, CLASS III	
250	LF	SAFETY FENCE	180	LF	30" RC PIPE CULVERTS, CLASS III	
3,515	CY	SILT EXCAVATION	36	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (12", 0.064")	
1,110	SY	MATTING FOR EROSION CONTROL	456	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")	
20	SY	COIR FIBER MAT	228	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (18", 0.064")	
4	EA	SPECIAL STILLING BASINS	36	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (24", 0.064")	
465	LF	COIR FIBER BAFFLES	36	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (30", 0.079")	
2	EA	*** SKIMMER (1-1/2")				
1	EA	*** SKIMMER (2")				
4.5	ACR	SEEDING & MULCHING				
2.5	ACR	MOWING				
50	LB	SEED FOR REPAIR SEEDING				
0.25	TON	FERTILIZER FOR REPAIR SEEDING				
100	LB	SEED FOR SUPPLEMENTAL SEEDING				
3.25	TON	FERTILIZER TOPDRESSING				
350	LF	IMPERVIOUS DIKE				
2	HR	SPECIALIZED HAND MOWING				
18	EA	RESPONSE FOR EROSION CONTROL				
0.1	ACR	REFORESTATION				
1,710	LF	SIGNAL CABLE				*** END SCHEDULE AA ***
20	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)				
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)				
50	LF	MESSENGER CABLE (3/8")				
300	LF	UNPAVED TRENCHING (***** (1, 2")				
100	LF	DIRECTIONAL DRILL (***** (2, 2")				
5	EA	JUNCTION BOX (STANDARD SIZE)				
2	EA	WOOD POLE				
2	EA	GUY ASSEMBLY				
2	EA	2" RISER WITH HEAT SHRINK TUBING				
920	LF	INDUCTIVE LOOP SAWCUT				
480	LF	LEAD-IN CABLE (***** (18-2)				
3	EA	INTERCONNECT CENTER				
3	EA	900MHZ WIRELESS RADIO SYSTEM				
1	EA	METAL POLE WITH SINGLE MAST ARM				
1	EA	METAL POLE WITH DUAL MAST ARM				
2	EA	SOIL TEST				
16	CY	DRILLED PIER FOUNDATION				
2	EA	MAST ARM WITH METAL POLE DE- SIGN				
1	EA	SIGNAL CABINET FOUNDATION				
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)				
3	EA	DETECTOR CARD (TYPE 2070L)				
1	EA	CABINET BASE EXTENDER				

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

36	LF	12" RC PIPE CULVERTS, CLASS III				
1,456	LF	15" RC PIPE CULVERTS, CLASS III				
816	LF	18" RC PIPE CULVERTS, CLASS III				
72	LF	24" RC PIPE CULVERTS, CLASS III				
216	LF	30" RC PIPE CULVERTS, CLASS III				
						*** OR ***
1,000	LF	15" RC PIPE CULVERTS, CLASS III				
588	LF	18" RC PIPE CULVERTS, CLASS III				
36	LF	24" RC PIPE CULVERTS, CLASS III				
180	LF	30" RC PIPE CULVERTS, CLASS III				
36	LF	**** HDPE PIPE CULVERTS (12")				
456	LF	**** HDPE PIPE CULVERTS (15")				
228	LF	**** HDPE PIPE CULVERTS (18")				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071016 004

CONTRACT ID : C201791 37490.3.GV1

DIV OFFICE DURHAM

LENGTH = 5.323 MI

COUNTY : VANCE

GRADING, DRAINAGE, PVMT REHAB, GUARDRAIL, & RAIL RETROFIT.

DBE GOAL 5.0% COMPLETION DATE : OCT 01 2010

I-85 FROM GRANVILLE CO TO US-158.

ROADWAY ITEMS					
			252	CY	SUBDRAIN FINE AGGREGATE
			1,500	LF	6" PERFORATED SUBDRAIN PIPE
			45	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
			3	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			18	LF	6" OUTLET PIPE (SUBDRAINS)
			45,400	LF	SHOULDER DRAIN
			45,400	LF	4" SHOULDER DRAIN PIPE
			2,550	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
			95	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
			1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
			3	EA	MASONRY DRAINAGE STRUCTURES
			1.25	LF	MASONRY DRAINAGE STRUCTURES
			30	EA	FRAME WITH TWO GRATES, STD 840.22
			29	EA	GENERIC DRAINAGE ITEM REMOVE & REPLACE DI APRON
			1	EA	GENERIC DRAINAGE ITEM REPLACE FRAME ONLY, STD 840.22
			3	EA	GENERIC DRAINAGE ITEM REPLACE GRATE ONLY, STD 840.22
			75	LF	2'-6" CONCRETE CURB & GUTTER
			620	SY	4" CONCRETE PAVED DITCH
			310	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			600	SY	GENERIC PAVING ITEM REMOVE CONCRETE PAVED DITCH
			24	EA	ADJUSTMENT OF DROP INLETS
			2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
			15,675	LF	STEEL BM GUARDRAIL
			25	EA	ADDITIONAL GUARDRAIL POSTS
			17	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			12	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			20	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			3	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			1,800	LF	REMOVE & RESET EXISTING GUARDRAIL
			15,555	LF	REMOVE EXISTING GUARDRAIL
			6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			9,000	LF	DOUBLE FACED CABLE GUIDERAIL
			6	EA	ADDITIONAL GUIDERAIL POSTS
			16	EA	CABLE GUIDERAIL ANCHOR UNITS
			17,400	LF	GENERIC GUARDRAIL ITEM REMOVE EXISTING CABLE GUIDERAIL
			5,362.5	LF	RELAPPING GUARDRAIL
			375	SY	FILTER FABRIC FOR DRAINAGE
			18	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			36	CY	OVERHEAD FOOTING
			13,904	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			2,095	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			12	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (285+65 -LMED-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (295+00 -LMED-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (299+00 -LMED-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (302+00 -LMED-)
			21	EA	SIGN ERECTION, TYPE D
			58	EA	SIGN ERECTION, TYPE E
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
13,100	CY	UNCLASSIFIED EXCAVATION			
25,000	CY	UNDERCUT EXCAVATION			
44,000	TON	CLASS IV SUBGRADE STABILIZATION			
47,100	CY	BORROW EXCAVATION			
60,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
26,520	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT			
81,000	SY	FABRIC FOR SOIL STABILIZATION			
50	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
1,864	LF	18" CS PIPE CULVERTS, 0.064" THICK			
144	LF	24" CS PIPE CULVERTS, 0.064" THICK			
2,008	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
500	TON	STABILIZER AGGREGATE			
200	TON	INCIDENTAL STONE BASE			
6,680	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
990	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")			
12,570	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
39,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
2,760	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
22,410	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
4,450	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
8,690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
17,750	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5C			
4,100	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
1,500	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28			
14,400	TON	PERMEABLE ASPHALT DRAINAGE COURSE, TYPE P-78M			
960	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B			
27,300	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT			
137,300	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)			
101,200	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (11")			
25,500	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (13")			
16,300	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (11")			
850	TON	GENERIC PAVING ITEM AGGREGATE BASE COURSE FOR BACKFILL			
2,500	SY	GENERIC PAVING ITEM CRC PAVEMENT REPAIR			
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT			
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT			
336	CY	SUBDRAIN EXCAVATION			

20	EA	SIGN ERECTION, TYPE F
18	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
12	EA	SIGN ERECTION, MILEMARKERS
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
19	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
97	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
5,314	SF	WORK ZONE SIGNS (STATIONARY)
2,023	SF	WORK ZONE SIGNS (PORTABLE)
480	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW PANELS, TYPE C
12	EA	CHANGEABLE MESSAGE SIGN
700	EA	DRUMS
22	EA	CONES
664	LF	BARRICADES (TYPE III)
200	HR	FLAGGER
4	EA	TMIA
26,000	LF	PORTABLE CONCRETE BARRIER
9,000	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
52,000	LF	RESET PORTABLE CONCRETE BAR- RIER
18,000	LF	RESET PORTABLE CONCRETE BAR- RIER (DRAINAGE)
2,100	HR	POLICE
44	EA	SKINNY DRUM
5,930	EA	TEMPORARY RAISED PAVEMENT MARKERS
18,180	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (4)
3,300	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (4)
6	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (4)
1,197,600	LF	PAINT PAVEMENT MARKING LINES (4")
46,000	LF	PAINT PAVEMENT MARKING LINES (8")
288	LF	PAINT PAVEMENT MARKING LINES (24")
90	EA	PAINT PAVEMENT MARKING SYMBOL
173,626	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
6,000	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)
120	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
38	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (STANDARD GLASS BEADS)
595,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
23,500	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
216	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
96	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
111,834	LF	CURING COMPOUND REMOVAL, LINES
15	EA	CURING COMPOUND REMOVAL, SYM- BOLS & CHARACTERS
12	EA	PERMANENT RAISED PAVEMENT MARKERS
1,624	EA	SNOWPLOWABLE PAVEMENT MARKERS
170	EA	FLEXIBLE DELINEATORS (CRYSTAL)
68	EA	FLEXIBLE DELINEATORS (YELLOW)
30	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
30	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
500	LF	TEMPORARY SILT FENCE

125	TON	STONE FOR EROSION CONTROL, CLASS A
125	TON	STONE FOR EROSION CONTROL, CLASS B
125	TON	SEDIMENT CONTROL STONE
5	ACR	TEMPORARY MULCHING
500	SY	MATTING FOR EROSION CONTROL
250	LF	1/4" HARDWARE CLOTH
5	ACR	SEEDING & MULCHING
250	LB	SEED FOR REPAIR SEEDING
1.25	TON	FERTILIZER FOR REPAIR SEEDING
5	HR	SPECIALIZED HAND MOWING
30	LF	UNPAVED TRENCHING (***** (1, 2")
1	EA	JUNCTION BOX (STANDARD SIZE)
350	LF	INDUCTIVE LOOP SAWCUT
35	LF	LEAD-IN CABLE (***** (18-2)

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

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

*** END SCHEDULE AA ***

STRUCTURE ITEMS

24,466	SF	GROOVING BRIDGE FLOORS
3,169	SY	CLASS I, SURFACE PREPARATION
2,200	SY	CLASS IB, SURFACE PREPARATION
647	SY	CLASS II, SURFACE PREPARATION
268	SY	CLASS III, SURFACE PREPARATION
186	CY	LATEX MODIFIED CONC OVERLAY
3,169	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071016 005

CONTRACT ID : C201461 39750.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.598 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : OCT 15 2008

SR-1404 (MORGANTON RD) FROM SYCAMORE DAIRY RD TO GLENSFORD ROAD.

ROADWAY ITEMS						
			1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER	
			2	EA	IMPACT ATTENUATOR UNIT, TYPE 350	
Lump Sum	LS	MOBILIZATION				
Lump Sum	LS	CONSTRUCTION SURVEYING	4,012.5	LF	STEEL BM GUARDRAIL	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (44+88.85)	262.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	
	1	ACR		5	EA	ADDITIONAL GUARDRAIL POSTS
		SUPPLEMENTARY CLEARING & GRUBBING		1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
	1	CY		3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
Lump Sum	LS	GRADING		2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
27,400	CY	BORROW EXCAVATION		4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
	1	CY		4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
		SELECT GRANULAR MATERIAL		3,735	LF	REMOVE EXISTING GUARDRAIL
	1	SY		10	LF	WOVEN WIRE FENCE, 47" FABRIC
		FABRIC FOR SOIL STABILIZATION		2	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
195	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		1,640	LF	CHAIN LINK FENCE, *** FABRIC (72")
	272	LF		40	LF	CHAIN LINK FENCE, 48" FABRIC
		18" RC PIPE CULVERTS, CLASS III		136	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
	12	LF		3	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
		***** RC PIPE CULVERTS, CLASS IV (66")		8	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
	164	LF		4	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
		**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (18", 0.064")		400	LF	CHAIN LINK FENCE RESET
	4	EA		3	TON	RIP RAP, CLASS I
		*** CS PIPE ELBOWS, **** THICK (18", 0.064")		3	TON	RIP RAP, CLASS B
	172	LF		163	SY	FILTER FABRIC FOR DRAINAGE
		PIPE REMOVAL		50	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (B)
	1	TON		75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
		INCIDENTAL STONE BASE		118	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
1,920	SY	INCIDENTAL MILLING		25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
7,800	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
	5,100	TON		314	LB	SUPPORTS, SIMPLE STEEL BEAM
		ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C		671	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	8,300	TON		9	EA	SIGN ERECTION, TYPE D
		ASPHALT CONC SURFACE COURSE, TYPE S9.5C		24	EA	SIGN ERECTION, TYPE E
	580	TON		3	EA	SIGN ERECTION, TYPE F
		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
	500	TON		1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)
		ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22		1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
	160	TON		2	EA	DISPOSAL OF SUPPORT, STEEL BEAM
		ASPHALT PLANT MIX, PAVEMENT REPAIR		30	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	18	CY		3	EA	DISPOSAL OF SIGN SYSTEM, WOOD
		REINFORCED ENDWALLS		1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
	18	CY		2	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
		PIPE COLLARS		318	SF	WORK ZONE SIGNS (STATIONARY)
	0.1	CY		32	SF	WORK ZONE SIGNS (PORTABLE)
		PIPE PLUGS		75	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	3.5	CY		2	EA	FLASHING ARROW PANELS, TYPE C
		FLOWABLE FILL				
	32	EA				
		MASONRY DRAINAGE STRUCTURES				
	33	LF				
		MASONRY DRAINAGE STRUCTURES				
	2	EA				
		FRAME WITH TWO GRATES, STD 840.16				
	3	EA				
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)				
	10	EA				
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)				
	13	EA				
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)				
	4	EA				
		FRAME WITH COVER, STD 840.54				
	2	EA				
		STEEL FRAME WITH TWO GRATES, STD 840.37				
6,200	LF	2'-6" CONCRETE CURB & GUTTER				
2,950	SY	4" CONCRETE SIDEWALK				
	24	EA				
		CONCRETE WHEELCHAIR RAMPS				
	230	SY				
		5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)				
	240	LF				
		PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED				
	7	EA				
		ADJUSTMENT OF MANHOLES				
	6	EA				
		ADJUSTMENT OF METER BOXES OR VALVE BOXES				
	1	EA				
		CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER				

			8	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT		
			2	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT		
4	EA	CHANGEABLE MESSAGE SIGN	4,500	LF	COMMUNICATIONS CABLE (**FIBER) (18)		
273	EA	DRUMS	500	LF	DROP CABLE		
156	LF	BARRICADES (TYPE III)	7	EA	SPLICE ENCLOSURE		
120	MD	FLAGGER	2	EA	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING		
5	EA	TEMPORARY CRASH CUSHIONS	2	EA	DELINEATOR MARKER		
1,934	LF	PORTABLE CONCRETE BARRIER	4,100	LF	REMOVE EXISTING COMMUNICATIONS CABLE		
320	HR	POLICE	16	EA	METAL STRAIN SIGNAL POLE		
1,714	EA	TEMPORARY RAISED PAVEMENT MARKERS	16	EA	SOIL TEST		
487	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	112	CY	DRILLED PIER FOUNDATION		
36,605	LF	PAINT PAVEMENT MARKING LINES (4")	2	EA	METAL STRAIN POLE DESIGN		
638	LF	PAINT PAVEMENT MARKING LINES (8")	17	EA	SIGN FOR SIGNALS		
1,710	LF	PAINT PAVEMENT MARKING LINES (24")	6	EA	SIGNAL CABINET FOUNDATION		
40	EA	PAINT PAVEMENT MARKING CHARACTER	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)		
268	EA	PAINT PAVEMENT MARKING SYMBOL	33	EA	DETECTOR CARD (TYPE 2070L)		
28,105	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)	2	EA	CABINET BASE EXTENDER		
819	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)	2	EA	TRAFFIC SIGNAL REMOVAL		
855	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)	1	EA	METAL POLE FOUNDATION REMOVAL		
20	EA	POLYUREA PAVEMENT MARKING CHARACTER (*****) (STANDARD GLASS BEADS)	1	EA	METAL POLE REMOVAL		
134	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (STANDARD GLASS BEADS)	2	EA	GENERIC SIGNAL ITEM RELOCATE EXIST CCTV CABINET ASSEMBLY		
37	EA	PERMANENT RAISED PAVEMENT MARKERS	2	EA	GENERIC SIGNAL ITEM RELOCATE EXIST SIGNAL CABINET & CONTROLLER ASSEMBLY		
1,677	EA	SNOWPLOWABLE PAVEMENT MARKERS	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (44+88.35 -L-)		
42	EA	FLEXIBLE DELINEATORS (CRYSTAL)	262	LF	3'-6" DIA DRILLED PIERS IN SOIL		
22	EA	FLEXIBLE DELINEATORS (YELLOW)	30	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL		
10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)	4	EA	SID INSPECTION		
10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)	4	EA	SPT TESTING		
1,469	LF	16" WATER LINE	4	EA	CROSSHOLE SONIC LOGGING		
2,224	LF	ABANDON 16" UTILITY PIPE	27,683	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)		
370	LF	24" ENCASEMENT PIPE	27,005	SF	GROOVING BRIDGE FLOORS		
7,605	LF	TEMPORARY SILT FENCE	233.5	CY	CLASS A CONCRETE (BRIDGE)		
50	TON	STONE FOR EROSION CONTROL, CLASS A	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (44+88.35-L-)		
55	TON	STONE FOR EROSION CONTROL, CLASS B	56,246	LB	REINFORCING STEEL (BRIDGE)		
125	TON	SEDIMENT CONTROL STONE	7,586	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)		
15	ACR	TEMPORARY MULCHING	763,916	LS	APPROX LBS STRUCTURAL STEEL		
550	LB	SEED FOR TEMPORARY SEEDING	3,300	LF	HP12X53 STEEL PILES		
2.25	TON	FERTILIZER FOR TEMPORARY SEEDING	7,947	SF	GRAVITY RETAINING WALLS		
50	LF	TEMPORARY SLOPE DRAINS	567.4	LF	THREE BAR METAL RAIL		
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	1,086	SY	4" SLOPE PROTECTION		
40	CY	SILT EXCAVATION	Lump Sum	LS	EVAZOTE JOINT SEALS		
575	SY	MATting FOR EROSION CONTROL	Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (44+88.35-L-)		
560	LF	1/4" HARDWARE CLOTH					***** BEGIN SCHEDULE AA ***** (3 ALTERNATES) *****
14	ACR	SEEDING & MULCHING	1,248	LF	15" RC PIPE CULVERTS, CLASS III		
9	ACR	MOWING					*** OR ***
200	LB	SEED FOR REPAIR SEEDING	1,200	LF	15" RC PIPE CULVERTS, CLASS III		
0.5	TON	FERTILIZER FOR REPAIR SEEDING	48	LF	***" HDPE PIPE CULVERTS (15")		
350	LB	SEED FOR SUPPLEMENTAL SEEDING					*** OR ***
10.5	TON	FERTILIZER TOPDRESSING	1,200	LF	15" RC PIPE CULVERTS, CLASS III		
2	HR	SPECIALIZED HAND MOWING	48	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")		
8	EA	RESPONSE FOR EROSION CONTROL					*** END SCHEDULE AA ***
4,450	LF	SIGNAL CABLE					
48	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)					
11	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)					
4,090	LF	MESSENGER CABLE (1/4")					
1,900	LF	MESSENGER CABLE (3/8")					
350	LF	TRACER WIRE					
1,500	LF	UNPAVED TRENCHING (*****) (1, 2")					
31	EA	JUNCTION BOX (STANDARD SIZE)					
4	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)					
7,550	LF	INDUCTIVE LOOP SAWCUT					
3,650	LF	LEAD-IN CABLE (*****) (2 PAIR)					
2	EA	SITE SURVEY					
8	EA	LUMINAIRE ARM FOR VIDEO SYSTEM					

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071016 006

CONTRACT ID : C201683 34462.3.2

DIV OFFICE ALBEMARLE

LENGTH = 1.828 KM

COUNTY : MECKLENBURG

WIDENING, GRADING, DRAINAGE, PAVING, & SIGNALS.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : MAY 15 2009

SR-5544 (W CATAWBA AVE) FROM SR-2151 (JETTON RD) TO I-77.

ROADWAY ITEMS

			567	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
			1	EA	SIGN ERECTION, TYPE D
			131	EA	SIGN ERECTION, TYPE E
			3	EA	SIGN ERECTION, TYPE F
			1	EA	RELOCATE SIGN, TYPE ***** (D)
			8	EA	RELOCATE SIGN, TYPE ***** (E)
			17	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			9	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			58	M2	WORK ZONE SIGNS (STATIONARY)
			69	M2	WORK ZONE SIGNS (PORTABLE)
			15	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW PANELS, TYPE C
			2	EA	CHANGEABLE MESSAGE SIGN
			790	EA	DRUMS
			284	EA	CONES
			48	M	BARRICADES (TYPE III)
			2,560	HR	FLAGGER
			2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
			80	HR	POLICE
			1,130	M	GENERIC TRAFFIC CONTROL ITEM WATER FILLED BARRIER TEST, LEVEL 3
			2,922	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
			3,217	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
			625	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
			791	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)
			230	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
			12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
			124	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
			34,603	M	PAINT PAVEMENT MARKING LINES (100MM)
			1,248	M	PAINT PAVEMENT MARKING LINES (200MM)
			564	M	PAINT PAVEMENT MARKING LINES (600MM)
			56	EA	PAINT PAVEMENT MARKING CHARACTER
			376	EA	PAINT PAVEMENT MARKING SYMBOL
			9,166	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
			260	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
			91	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)
			57	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			928	EA	PERMANENT RAISED PAVEMENT MARKERS
			Lump Sum	LS	PORTABLE LIGHTING
			51	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (II)
			51	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (II)
			45.65	M	***MM DI RESTRAINED JOINT WATER PIPE, CLASS ***** WP (150MM, 2.41MPA)
			6.57	M	***MM DI RESTRAINED JOINT WATER PIPE, CLASS ***** WP (200MM, 2.41MPA)
			40.62	M	***MM DI RESTRAINED JOINT WATER PIPE, CLASS ***** WP (300MM, 2.41MPA)
			56.53	M	***MM DI RESTRAINED JOINT WATER PIPE, CLASS ***** WP (400MM, 1.72MPA)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GRADING			
0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING			
2,000	M3	UNDERCUT EXCAVATION			
2,250	MTN	CLASS IV SUBGRADE STABILIZATION			
216	M3	DRAINAGE DITCH EXCAVATION			
500	M3	SELECT GRANULAR MATERIAL			
6,000	M2	FABRIC FOR SOIL STABILIZATION			
701	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
63.6	M	600MM RC PIPE CULVERTS, CLASS III			
242.4	M	750MM RC PIPE CULVERTS, CLASS III			
20.4	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK			
917.6	M	PIPE REMOVAL			
500	KG	SEALING EXISTING PAVEMENT CRACKS & JOINTS			
200	MTN	INCIDENTAL STONE BASE			
1,700	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (55MM)			
4,550	M2	INCIDENTAL MILLING			
7,150	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B			
11,375	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
8,785	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,414	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
720	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR			
0.95	M3	PIPE COLLARS			
18.9	M3	FLOWABLE FILL			
92	EA	MASONRY DRAINAGE STRUCTURES			
9.39	M	MASONRY DRAINAGE STRUCTURES			
3	EA	FRAME WITH GRATE, DETAIL 840.***** (840.D13)			
1	EA	FRAME WITH GRATE, STD 840.29			
27	EA	FRAME WITH TWO GRATES, STD 840.16			
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
25	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
7	EA	FRAME WITH COVER, STD 840.54			
18	M3	CONCRETE STEPS			
555	M	450MM CONCRETE CURB & GUTTER			
3,880	M	750MM CONCRETE CURB & GUTTER			
4,975	M2	100MM CONCRETE SIDEWALK			
290	M2	CONCRETE WHEELCHAIR RAMPS			
700	M2	150MM CONCRETE DRIVEWAY			
1,365	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
15	M	GENERIC PAVING ITEM STEEL PIPE HANDRAIL FOR CONC STEPS			
27	EA	ADJUSTMENT OF MANHOLES			
27	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
16	MTN	PLAIN RIP RAP, CLASS I			
3	MTN	PLAIN RIP RAP, CLASS A			
52	MTN	PLAIN RIP RAP, CLASS B			
976	M2	FILTER FABRIC FOR DRAINAGE			

				1,890	M	INDUCTIVE LOOP SAWCUT	
				3,630	M	LEAD-IN CABLE	
				4	EA	SITE SURVEY	
1,874	KG	DI RESTRAINED JOINT WATER PIPE FITTINGS, 1.72MPA MIN WP		15	EA	LUMINAIRE ARM FOR VIDEO SYSTEM	
129.7	M	20MM COPPER WATER PIPE, TYPE K		15	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	
9.59	M	25MM COPPER WATER PIPE, TYPE K		4	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT	
26.65	M	***MM PVC WATER PIPE, SDR **** (40MM, 21, 1.38MPA)		3,550	M	COMMUNICATIONS CABLE (**FIBER) (12)	
9.57	M	50MM PVC WATER PIPE, SDR 21, 1.38MPA WP		6	EA	INTERCONNECT CENTER	
14	EA	20MM CORPORATION STOP		12	EA	DELINEATOR MARKER	
5	EA	25MM CORPORATION STOP		1	EA	FURNISH FIBER-OPTIC RESTORATION KIT	
5	EA	40MM CORPORATION STOP		1	EA	FURNISH FIBER-OPTIC TRANSCEIVER	
5	EA	50MM CORPORATION STOP		14	EA	SOIL TEST	
1	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP		1	EA	SIGNAL PEDESTAL WITH FOUNDATION	
31	EA	RELOCATE EXISTING WATER METER		7	EA	SIGN FOR SIGNALS	
4	EA	RELOCATE EXISTING FIRE HYDRANT		4	EA	SIGNAL CABINET FOUNDATION	
32.66	M	200MM DI SEWER PIPE, PC 2.41MPA		2	EA	CABINET BASE ADAPTER	
11.36	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (150MM, 2.41MPA)		6	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
2	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH		36	EA	DETECTOR CARD (TYPE 2070L)	
3.1	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)		4	EA	GENERIC SIGNAL ITEM CABINET BASE EXTENDER	
39	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI PIPE)		6	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING	
46	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI PIPE)		14	EA	GENERIC SIGNAL ITEM METAL STRAIN SIGNAL POLE	
8	EA	BREAK DOWN & REBUILD EXISTING MANHOLE		625	M	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUIT (50MM, 1)	
1	EA	REMOVE EXISTING MANHOLE		70	M3	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION	
7	EA	GENERIC UTILITY ITEM RELOCATE EXISTING METER VAULT					
3,000	M	TEMPORARY SILT FENCE					***** BEGIN SCHEDULE AA *****
485	MTN	STONE FOR EROSION CONTROL, CLASS A					***** (3 ALTERNATES) *****
470	MTN	STONE FOR EROSION CONTROL, CLASS B		196.8	M	300MM RC PIPE CULVERTS, CLASS III	
895	MTN	SEDIMENT CONTROL STONE		1,438.8	M	375MM RC PIPE CULVERTS, CLASS III	
2	HA	TEMPORARY MULCHING		261.6	M	450MM RC PIPE CULVERTS, CLASS III	
75	KG	SEED FOR TEMPORARY SEEDING					*** OR ***
0.75	MTN	FERTILIZER FOR TEMPORARY SEEDING		150	M	300MM RC PIPE CULVERTS, CLASS III	
1,150	M3	SILT EXCAVATION		1,327.2	M	375MM RC PIPE CULVERTS, CLASS III	
1,900	M2	MATTING FOR EROSION CONTROL		207.6	M	450MM RC PIPE CULVERTS, CLASS III	
10	M2	COIR FIBER MAT		46.8	M	GENERIC PIPE ITEM 300MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK	
750	M	6.4MM HARDWARE CLOTH		111.6	M	GENERIC PIPE ITEM 400MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK	
2	HA	SEEDING & MULCHING		54	M	GENERIC PIPE ITEM 450MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 1.63MM THICK	
1.5	HA	MOWING					*** OR ***
25	KG	SEED FOR REPAIR SEEDING		150	M	300MM RC PIPE CULVERTS, CLASS III	
0.25	MTN	FERTILIZER FOR REPAIR SEEDING		1,327.2	M	375MM RC PIPE CULVERTS, CLASS III	
50	KG	SEED FOR SUPPLEMENTAL SEEDING		207.6	M	450MM RC PIPE CULVERTS, CLASS III	
3.25	MTN	FERTILIZER TOPDRESSING		46.8	M	GENERIC PIPE ITEM 300MM HDPE PIPE CULVERTS	
2	HR	SPECIALIZED HAND MOWING		111.6	M	GENERIC PIPE ITEM 400MM HDPE PIPE CULVERTS	
1	EA	GENERIC EROSION CONTROL ITEM 51MM SKIMMER		54	M	GENERIC PIPE ITEM 450MM HDPE PIPE CULVERTS	
1	EA	GENERIC EROSION CONTROL ITEM 64MM SKIMMER					*** END SCHEDULE AA ***
18	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL		150	M	300MM RC PIPE CULVERTS, CLASS III	
75	M	GENERIC EROSION CONTROL ITEM COIR FIBER BAFFLE		1,327.2	M	375MM RC PIPE CULVERTS, CLASS III	
30	EA	PEDESTRIAN SIGNAL HEAD (**MM, ** SECTION) (400MM, 1 SECTION W/COUNTDOWN)		207.6	M	450MM RC PIPE CULVERTS, CLASS III	
3,530	M	SIGNAL CABLE		46.8	M	GENERIC PIPE ITEM 300MM HDPE PIPE CULVERTS	
33	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)		111.6	M	GENERIC PIPE ITEM 400MM HDPE PIPE CULVERTS	
11	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)		54	M	GENERIC PIPE ITEM 450MM HDPE PIPE CULVERTS	
23	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)					
1,100	M	MESSENGER CABLE (9.52MM)					
3,050	M	TRACER WIRE					
130	M	TRENCHING (PAVED)					
750	M	TRENCHING (UNPAVED)					
745	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ****MM (** CONDUIT) (50MM, 1)					
17	EA	JUNCTION BOX (STANDARD SIZE)					
12	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)					
13	EA	WOOD POLE					
26	EA	GUY ASSEMBLY					
5	EA	25MM RISER WITH WEATHERHEAD					
4	EA	50MM RISER WITH WEATHERHEAD					

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071016 007

CONTRACT ID : C201864 12CR.10361.7

DIV OFFICE SHELBY

LENGTH = 8.100 MI

COUNTY : GASTON

MILLING AND RESURFACING OR HOT-IN-PLACE.

MBE GOAL 3.0% WBE 2.0% COMPLETION DATE : OCT 01 2008

US-321 FROM NORTH OF ROECHLING STREET TO THE LINCOLN COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,855	TON	PATCHING EXISTING PAVEMENT
171,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
24,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
5,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
5	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,800	EA	SNOWPLOWABLE PAVEMENT MARKERS

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

270,216	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
30,264	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,816	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
		*** OR ***
237	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
270,216	SY	HOT-IN-PLACE RECYCLED ASPHALT CONCRETE, TYPE S9.5C HOT IN-PLACE RECYCLING
27,022	GAL	EMULSIFIED ASPHALT REJUVENA- TING AGENT
4,729	TON	HOT MIX ASPHALT ADMIXTURE

*** END SCHEDULE AA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L071016 008

CONTRACT ID : C201865 37831

DIV OFFICE ASHEVILLE

LENGTH = 1.586 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, WIDENING, CURB AND GUTTER & PAVING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : OCT 15 2009

NC-112 FROM WEST OF OF SR-3437 (LAKE DR) TO EAST OF INTER-SECTION OF SR-3412 (SAND HILL RD) & NC-112 (SARDIS RD).

ROADWAY ITEMS					
			85	LF	MASONRY DRAINAGE STRUCTURES
			6	EA	FRAME WITH TWO GRATES, STD 840.16
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			8	EA	FRAME WITH COVER, STD 840.54
			1	EA	*** SLUICE GATE (30")
			12,500	LF	2'-6" CONCRETE CURB & GUTTER
			3,150	SY	4" CONCRETE SIDEWALK
			36	EA	CONCRETE WHEELCHAIR RAMPS
			165	SY	6" CONCRETE DRIVEWAY
			50	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			22	EA	ADJUSTMENT OF MANHOLES
			40	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER
			1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
			2,125	LF	STEEL BM GUARDRAIL
			200	LF	STEEL BM GUARDRAIL, SHOP CURVED
			2	EA	TRIPLE CORRUGATED GUARDRAIL TERMINAL SECTIONS
			10	EA	ADDITIONAL GUARDRAIL POSTS
			8	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			9	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			152	LF	REMOVE EXISTING GUARDRAIL
			590	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (72")
			49	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
			2	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
			1,920	LF	ADDITIONAL BARBED WIRE
			1,920	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (48")
			2,030	LF	CHAIN LINK FENCE RESET
			175	TON	RIP RAP, CLASS I
			80	TON	RIP RAP, CLASS B
			940	SY	FILTER FABRIC FOR DRAINAGE
			260	SF	WORK ZONE SIGNS (STATIONARY)
			224	SF	WORK ZONE SIGNS (PORTABLE)
			40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			265	EA	DRUMS
			100	EA	CONES
			132	LF	BARRICADES (TYPE III)
			280	MD	FLAGGER
			650	LF	WATER FILLED BARRIER
			850	LF	RESET WATER FILLED BARRIER
			30	EA	TUBULAR MARKERS (FIXED)
			420	EA	TEMPORARY RAISED PAVEMENT MARKERS
			4,263	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			17,705	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			391	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
90	CY	UNDERCUT EXCAVATION			
850	CY	DRAINAGE DITCH EXCAVATION			
100	CY	SELECT GRANULAR MATERIAL			
100	SY	FABRIC FOR SOIL STABILIZATION			
971	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
9	CY	GENERIC DRAINAGE ITEM GROUT			
336	LF	15" SIDE DRAIN PIPE			
56	LF	18" SIDE DRAIN PIPE			
1,396	LF	30" RC PIPE CULVERTS, CLASS III			
438	LF	48" RC PIPE CULVERTS, CLASS III			
1	EA	72"X 48" RC PIPE TAPERED IN-LET, CLASS III			
64	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
100	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
36	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
24	LF	36" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK			
40	LF	48" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK			
56	LF	54" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK			
2	EA	*** BIT COAT CS PIPE ELBOWS, TYPE B ***** THICK (54", 0.109")			
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
1	EA	24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
72	LF	*** WELDED STEEL PIPE IN SOIL (30")			
76	LF	GENERIC PIPE ITEM 42" HDPE PIPE LINER			
512.3	LF	PIPE REMOVAL			
2	EA	PIPE CLEAN-OUT			
2,200	TON	AGGREGATE BASE COURSE			
600	TON	INCIDENTAL STONE BASE			
6,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
7,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
7,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,080	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
2,077	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
64	EA	RIGHT OF WAY MARKERS			
11.2	CY	SUBDRAIN EXCAVATION			
8.4	CY	SUBDRAIN FINE AGGREGATE			
50	LF	6" PERFORATED SUBDRAIN PIPE			
2	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE (SUBDRAINS)			
6	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
14.1	CY	ENDWALLS			
5.2	CY	REINFORCED ENDWALLS			
2	CY	PIPE COLLARS			
0.55	CY	PIPE PLUGS			
35	CY	FLOWABLE FILL			
56	EA	MASONRY DRAINAGE STRUCTURES			

			4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
			980	LF	MESSENGER CABLE (3/8")	
			485	LF	PAVED TRENCHING (*****) (2", 1 CONDUIT)	
			510	LF	UNPAVED TRENCHING (*****) (2", 1 CONDUIT)	
			13	EA	JUNCTION BOX (STANDARD SIZE)	
			3	EA	WOOD POLE	
			8	EA	GUY ASSEMBLY	
			1	EA	1" RISER WITH WEATHERHEAD	
			6	EA	2" RISER WITH WEATHERHEAD	
			2,830	LF	INDUCTIVE LOOP SAWCUT	
			2,370	LF	LEAD-IN CABLE (*****) (18-2)	
			850	LF	LEAD-IN CABLE (*****) (18-2, DIRECT BURY)	
			1,280	LF	LEAD-IN CABLE (*****) (18-4)	
			4	EA	METAL STRAIN SIGNAL POLE	
			4	EA	SOIL TEST	
			32	CY	DRILLED PIER FOUNDATION	
			3	EA	SIGN FOR SIGNALS	
			2	EA	SIGNAL CABINET FOUNDATION	
			2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			9	EA	DETECTOR CARD (TYPE 2070L)	
			2	EA	CABINET BASE EXTENDER	
			4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR METAL STRAIN POLE	
			2,250	SF	GRAVITY RETAINING WALLS	
			Lump Sum	LS	GENERIC RETAINING WALL ITEM SOIL NAIL RETAINING WALL AT STA 29+58 TO 35+46	
					***** BEGIN SCHEDULE AA *****	
					***** (3 ALTERNATES) *****	
			2,284	LF	15" RC PIPE CULVERTS, CLASS III	
			40	LF	18" RC PIPE CULVERTS, CLASS III	
			564	LF	24" RC PIPE CULVERTS, CLASS III	
					*** OR ***	
			2,176	LF	15" RC PIPE CULVERTS, CLASS III	
			252	LF	24" RC PIPE CULVERTS, CLASS III	
			108	LF	***" HDPE PIPE CULVERTS (15")	
			40	LF	***" HDPE PIPE CULVERTS (18")	
			312	LF	***" HDPE PIPE CULVERTS (24")	
					*** OR ***	
			2,176	LF	15" RC PIPE CULVERTS, CLASS III	
			252	LF	24" RC PIPE CULVERTS, CLASS III	
			108	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")	
			40	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")	
			312	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")	
					*** END SCHEDULE AA ***	
70	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
114,302	LF	PAINT PAVEMENT MARKING LINES (4")				
284	LF	PAINT PAVEMENT MARKING LINES (8")				
176	LF	PAINT PAVEMENT MARKING LINES (24")				
40	EA	PAINT PAVEMENT MARKING SYMBOL				
14,572	LF	REMOVAL OF PAVEMENT MARKING LINES (4")				
57	LF	REMOVAL OF PAVEMENT MARKING LINES (8")				
33	LF	REMOVAL OF PAVEMENT MARKING LINES (24")				
403	EA	SNOWPLOWABLE PAVEMENT MARKERS				
7	LF	*** WATER LINE (18")				
215	LF	6" WATER LINE				
482	LF	8" WATER LINE				
216	LF	10" WATER LINE				
38	LF	12" WATER LINE				
75	LF	16" WATER LINE				
5,836	LF	24" WATER LINE				
1	EA	*** VALVE (18")				
5	EA	6" VALVE				
7	EA	8" VALVE				
3	EA	10" VALVE				
1	EA	12" VALVE				
1	EA	16" VALVE				
6	EA	24" VALVE				
1	EA	*** TAPPING VALVE (18")				
2	EA	2" AIR RELEASE VALVE				
1	EA	*** WATER METER (1")				
4	EA	RELOCATE WATER METER				
3	EA	RECONNECT WATER METER				
3	EA	FIRE HYDRANT				
13	EA	RELOCATE FIRE HYDRANT				
555	LF	8" SANITARY GRAVITY SEWER				
2	EA	SANITARY SEWER CLEAN-OUT				
2	EA	4" DIA UTILITY MANHOLE				
6	LF	UTILITY MANHOLE WALL, 4' DIA				
240	LF	ABANDON 8" UTILITY PIPE				
5,840	LF	ABANDON 18" UTILITY PIPE				
1	EA	ABANDON UTILITY MANHOLE				
1	EA	GENERIC UTILITY ITEM 2" BALL VALVE				
1	EA	GENERIC UTILITY ITEM REMOVE EXISTING WATER VAULT				
7	CY	GENERIC UTILITY ITEM CLASS B CONCRETE FOR PROTECTING CONDUIT				
5,085	LF	TEMPORARY SILT FENCE				
360	TON	STONE FOR EROSION CONTROL, CLASS A				
1,570	TON	STONE FOR EROSION CONTROL, CLASS B				
1,060	TON	SEDIMENT CONTROL STONE				
14	ACR	TEMPORARY MULCHING				
500	LB	SEED FOR TEMPORARY SEEDING				
2	TON	FERTILIZER FOR TEMPORARY SEEDING				
200	LF	SAFETY FENCE				
6,500	CY	SILT EXCAVATION				
6,520	SY	MATTING FOR EROSION CONTROL				
225	SY	PERMANENT SOIL REINFORCEMENT MAT				
1,320	LF	1/4" HARDWARE CLOTH				
4	EA	SPECIAL STILLING BASINS				
14	ACR	SEEDING & MULCHING				
8.5	ACR	MOWING				
150	LB	SEED FOR REPAIR SEEDING				
0.5	TON	FERTILIZER FOR REPAIR SEEDING				
350	LB	SEED FOR SUPPLEMENTAL SEEDING				
10.5	TON	FERTILIZER TOPDRESSING				
120	LF	IMPERVIOUS DIKE				
4.5	HR	SPECIALIZED HAND MOWING				
24	EA	RESPONSE FOR EROSION CONTROL				
4	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/COUNTDOWN)				
2,950	LF	SIGNAL CABLE				
14	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)				
1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071016 009

CONTRACT ID : C201681 33301.3.1

DIV OFFICE SYLVA

LENGTH = 0.163 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER JONATHAN CREEK & APPROACHES ON SR-1309.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
Lump Sum	LS	CONSTRUCTION SURVEYING	15	TON	RIP RAP, CLASS B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+80.90-L-)	380	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	GRADING	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	224	SF	WORK ZONE SIGNS (STATIONARY)
600	CY	UNDERCUT EXCAVATION	256	SF	WORK ZONE SIGNS (PORTABLE)
500	TON	CLASS IV SUBGRADE STABILIZATION	56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	CY	DRAINAGE DITCH EXCAVATION	1	EA	FLASHING ARROW PANELS, TYPE C
500	CY	SELECT GRANULAR MATERIAL	1	EA	CHANGEABLE MESSAGE SIGN
500	SY	FABRIC FOR SOIL STABILIZATION	70	EA	DRUMS
45	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	50	EA	CONES
32	LF	15" SIDE DRAIN PIPE	80	LF	BARRICADES (TYPE III)
52	LF	15" RC PIPE CULVERTS, CLASS III	1,600	HR	FLAGGER
16	LF	*** CS PIPE CULVERTS, ***** THICK (12", 0.064")	2	EA	TEMPORARY CRASH CUSHIONS
112	LF	15" CS PIPE CULVERTS, 0.064" THICK	50	EA	SKINNY DRUM
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	100	EA	TEMPORARY RAISED PAVEMENT MARKERS
20	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	18,005	LF	PAINT PAVEMENT MARKING LINES (4")
52	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	284	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	1,950	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
234	LF	PIPE REMOVAL	30	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
210	TON	AGGREGATE BASE COURSE	139	LF	6" WATER LINE
500	TON	INCIDENTAL STONE BASE	265	LF	ABANDON 6" UTILITY PIPE
200	SY	INCIDENTAL MILLING	168	LF	GENERIC UTILITY ITEM
470	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	850	LF	8" HDPE WATER PIPE, SDR 9, 200# WP, BY DIRECTIONAL BORE
440	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	180	TON	TEMPORARY SILT FENCE
49	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	190	TON	STONE FOR EROSION CONTROL, CLASS A
18	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	80	TON	STONE FOR EROSION CONTROL, CLASS B
224	CY	SUBDRAIN EXCAVATION	80	TON	SEDIMENT CONTROL STONE
168	CY	SUBDRAIN FINE AGGREGATE	3	ACR	TEMPORARY MULCHING
1,000	LF	6" PERFORATED SUBDRAIN PIPE	100	LB	SEED FOR TEMPORARY SEEDING
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	225	LF	SAFETY FENCE
12	LF	6" OUTLET PIPE (SUBDRAINS)	655	CY	SILT EXCAVATION
4	EA	MASONRY DRAINAGE STRUCTURES	1,500	SY	MATTING FOR EROSION CONTROL
4	EA	FRAME WITH GRATE, STD 840.24	30	SY	COIR FIBER MAT
100	LF	SHOULDER BERM GUTTER	80	LF	1/4" HARDWARE CLOTH
275	LF	STEEL BM GUARDRAIL	150	LF	COIR FIBER BAFFLES
75	LF	STEEL BM GUARDRAIL, SHOP CURVED	5	EA	*** SKIMMER (1-1/2")
10	EA	ADDITIONAL GUARDRAIL POSTS	3	ACR	SEEDING & MULCHING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TL-2)	2	ACR	MOWING
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	50	LB	SEED FOR REPAIR SEEDING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	0.25	TON	FERTILIZER FOR REPAIR SEEDING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	75	LB	SEED FOR SUPPLEMENTAL SEEDING
50	LF	TEMPORARY STEEL BM GUARDRAIL	2.25	TON	FERTILIZER TOPDRESSING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)	2	HR	SPECIALIZED HAND MOWING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (TL-2)	24	EA	RESPONSE FOR EROSION CONTROL
			0.2	ACR	REFORESTATION
					STRUCTURE ITEMS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (16+80.90-L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+80.90-L-)			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+80.90-L-)			
33.8	CY	CLASS A CONCRETE (BRIDGE)			

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+80.90-L-)
5,046	LB	REINFORCING STEEL (BRIDGE)
765	LF	HP12X53 STEEL PILES
18	EA	STEEL PILE POINTS
175.33	LF	CONCRETE BARRIER RAIL
153	TON	RIP RAP CLASS II (2'-0" THICK)
170	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
876.67	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L071016 010

CONTRACT ID : C201887 39997.3.GV1

DIV OFFICE SYLVA

LENGTH = 14.800 MI

COUNTY : HAYWOOD

MILLING, RESURFACING, SIGNING AND GUARDRAIL.

DBE GOAL 5.0% COMPLETION DATE : JUN 15 2009

I-40 FROM THE TENNESSEE STATE LINE AT MP-0 TO MP-14.8.

Lump Sum		ROADWAY ITEMS				
	LS	MOBILIZATION		256	EA	PAINT PAVEMENT MARKING CHARACTER
20	EA	PIPE CLEAN-OUT		11,775	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD BEADS)
21.93	SMI	SHOULDER RECONSTRUCTION		350,100	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (STANDARD BEADS)
93,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")		2,800	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD BEADS)
73,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (6")		120	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD BEADS)
44,290	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D		52	EA	POLYUREA PAVEMENT MARKING CHARACTER (*****) (STANDARD BEADS)
19,570	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		3,400	EA	SNOWFLOWABLE PAVEMENT MARKERS
41,660	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D				
1,168	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22				
2,082	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22				
3,406	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22				
17,700	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED				
155,600	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)				
7	EA	FRAME WITH TWO GRATES, STD 840.***** (840.22)				
5	EA	FRAME WITH TWO GRATES, STD 840.***** (840.37)				
7	EA	FRAME WITH TWO GRATES, STD 840.20				
40	EA	GENERIC DRAINAGE ITEM CONCRETE APRON FOR DROP INLET				
60	EA	GENERIC DRAINAGE ITEM DRAINAGE STRUCTURE CLEAN-OUT				
20	LF	GENERIC DRAINAGE ITEM DRAINAGE STRUCTURE REPAIR				
3,000	LF	2'-6" CONCRETE CURB & GUTTER				
60	SY	4" CONCRETE PAVED DITCH				
97	EA	ADJUSTMENT OF CATCH BASINS				
8	EA	ADJUSTMENT OF DROP INLETS				
3,150	LF	STEEL BM GUARDRAIL				
50	LF	TRIPLE CORRUGATED STEEL BM GUARDRAIL				
4	EA	TRIPLE CORRUGATED GUARDRAIL TERMINAL SECTIONS				
4	EA	W-TR STEEL BM GUARDRAIL TRANSITION SECTIONS				
18	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1				
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
3,150	LF	REMOVE EXISTING GUARDRAIL				
542	LF	SUPPORTS, 3-LB STEEL U-CHANNEL				
11	EA	SIGN ERECTION, TYPE D				
10	EA	SIGN ERECTION, TYPE E				
7	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)				
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)				
13	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL				
9	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)				
421	SF	WORK ZONE SIGNS (STATIONARY)				
400	SF	WORK ZONE SIGNS (PORTABLE)				
4	EA	FLASHING ARROW PANELS, TYPE C				
4	EA	CHANGEABLE MESSAGE SIGN				
600	EA	DRUMS				
275	EA	CONES				
6	EA	TMIA				
700,200	LF	PAINT PAVEMENT MARKING LINES (4")				

