



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

February 21, 2006

Memorandum To: All Prequalified Contractors
From: R.A. Garris, P.E. *RA Garris*
Contract Officer
Subject: Pile Driving Equipment Data Form

In order to assist the Department in expediting the review and approval process for pile driving methods and equipment, a new Pile Driving Equipment Data Form has been developed. The new form is available for use and is located at the following web address:

<http://www.ncdot.org/doh/preconstruct/highway/geotech/formprovdet/>

This is a two page form with the second page being the submittal instructions. Electronic submittal to the appropriate regional office of the Geotechnical Unit is encouraged to further expedite the approval process.

If you have any questions concerning the submittal process, please contact one of the regional offices listed on the attached instruction sheet of the form for assistance.



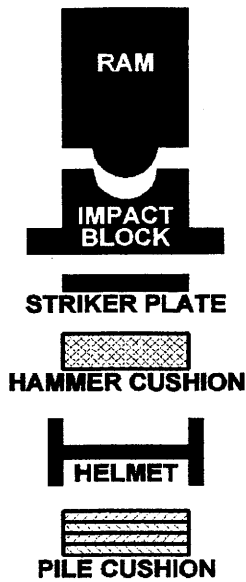
DIVISION OF HIGHWAYS
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT

PILE DRIVING EQUIPMENT
DATA FORM

Revised 01/10/06

WBS: _____ TIP: _____ Contract No.: _____ County: _____
 Desc: _____ Structure No.: _____
 Structure Location (Line and Station): _____ If dual bridges, indicate LEFT, RIGHT, or BOTH: _____

HAMMER COMPONENTS



		HAMMER 1	HAMMER 2	HAMMER 3	HAMMER 4	
HAMMER	Manufacturer					
	Model					
	Serial No.					
	Ram Weight (kip)					
	Max Stroke (ft)					
	Striker Plate + Helmet Wt (kip)					
	Max Rated Energy (kip-ft)					
HAMMER CUSHION	Area (sq in)					
	First Material	Material				
		Number of Layers				
		Thickness per Layer (in)				
	Second Material	Material				
		Number of Layers				
		Thickness per Layer (in)				
Last NCDOT Inspection Date						
PILE CUSHION	Material					
	Area (sq in)					
	Thickness (in)					

List below the hammers that may be used for each pile type. Do not submit more than two hammers per pile type per submittal. Multiple bent numbers may be listed for each pile type.

Pile Type (e.g. HP 12x53)			
Pile Points / Plates / Tips			
Hammer No(s). (List, 2 per pile type maximum)			
Bent No(s). (List, e.g. EB1, B2, B4(Left))			
Installation Method / Notes (e.g. jetting, preaugering, spudding, vibratory hammer, template, barge, etc.)			

COMMENTS

Contractor: _____ Office Phone: _____ Cell Phone: _____
 Submitted by: _____ Date: _____ email: _____

See Page 2 for submittal instructions. Electronic submission is preferred.

Submit one hard copy of the completed form to the Resident Engineer.

Submit a second copy of the completed form to the Geotechnical Engineering Unit.
For the Geotechnical Engineering Unit, select one of the following methods of submission.

Method 1, Electronic Submission (preferred)

Submit a digital file as an email attachment to the appropriate email addresses below.

The digital file may be a scanned image of the completed and signed form, or an Excel® file.

Instructions for Excel® file submission:

- a. Key in the submitter's name at the bottom of the form, and submit from this person's email address.
(The return email address must match the typed name and email address on the form.)
- b. Submit the digital form in Excel® 97 format or older.

Method 2, US Mail or Other Delivery Service Submission

Complete and sign a paper copy of the form. Send the form to the appropriate address below.

Method 3, Facsimile Submission

Complete and sign a paper copy of the form. Fax the form to the appropriate Fax number below.

Transmit Divisions 1-7 submittals to the Eastern Regional Office of the Geotechnical Engineering Unit.

Email Addresses (send submittal form to both email addresses)

K. J. Kim: kkim@dot.state.nc.us

C. A. Kreider: ckreider@dot.state.nc.us

Mail Address:

Mr. K. J. Kim, Ph. D., P. E.
Eastern Regional Geotechnical Manager
North Carolina Department of Transportation
Geotechnical Engineering Unit
Eastern Regional Office
1570 Mail Service Center
Raleigh, NC 27699-1570

Street Address:

Mr. K. J. Kim, Ph. D., P. E.
Eastern Regional Geotechnical Manager
North Carolina Department of Transportation
Geotechnical Engineering Unit
Eastern Regional Office
3301 Jones Sausage Road, Suite 100
Garner, NC 27529

Fax Number: (919) 662 – 3095

Transmit Divisions 8-14 submittals to the Western Regional Office of the Geotechnical Engineering Unit.

Email Addresses (send submittal form to both email addresses)

J. L. Pilipchuk: jpilipchuk@dot.state.nc.us

J. D. Hardister: dhardister@dot.state.nc.us

Mail Address:

Mr. John Pilipchuk, L. G., P. E.
Western Regional Geotechnical Manager
North Carolina Department of Transportation
Geotechnical Engineering Unit
Western Regional Office
5253 Z Max Boulevard
Harrisburg, NC 28075

Street Address:

Mr. John Pilipchuk, L. G., P. E.
Western Regional Geotechnical Manager
North Carolina Department of Transportation
Geotechnical Engineering Unit
Western Regional Office
5253 Z Max Boulevard
Harrisburg, NC 28075

Fax Number: (704) 455 - 8912

Contact the following for questions regarding submittal review status.

Eastern Regional Geotechnical Contact (Divisions 1-7):

K. J. Kim (919) 662 – 4710

Western Regional Geotechnical Contact (Divisions 8-14):

John Pilipchuk (704) 455 – 8902



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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LYNDO TIPPETT
SECRETARY

February 21, 2006

NOTICE TO:

All Prequalified Contractors, Subcontractors,
Material Suppliers

FROM:

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

Subject:

2006 Standard Specifications, Roadway Standard
Drawings, and Trns*port Pay Item List

The 2006 Standard Specifications for Roads and Structures, 2006 Roadway Standard Drawings, and the 2006 Trns*port Pay Item List are complete and now available for purchase and for viewing on the DOH web page. Links to these documents can be found as follows: www.ncdot.org

click on "Doing Business With"

click on "NCDOT 2006
Specification Book"

click on "Standard Drawing"
or "Trns*port Pay Item List"

The image shows three screenshots of the NCDOT website. The first screenshot shows the 'Doing Business With' section with a callout box pointing to the 'Doing Business With NCDOT' link. The second screenshot shows the '2006 Specification Book' link highlighted in the 'Most Requested' section. The third screenshot shows the 'Standard Drawings Library' and '2006 Trns*port Pay Item Lists' links highlighted in the 'Project Flow Chart' section.

The 2006 Standard Specifications and the 2006 Roadway Standard Drawings are \$25.00 each plus 7% North Carolina sales tax. To request a copy, please contact Donna O'Neal at (919-250-4014).

The 2006 Standard Specifications, the 2006 Roadway Standard Drawings, and the 2006 Trns*port Pay Item List are effective beginning with the July 18, 2006 Letting.

RAG/tm

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT SERVICES UNIT
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
ENTRANCE B15
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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LYNDO TIPPETT
SECRETARY

January 24, 2006

MEMORANDUM TO: Prospective Bidders

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

SUBJECT: Erosion and Sediment Control/ Stormwater
Certification Training

As you are aware, the Department has implemented the first phase of Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to outline the goals for the Department and identify Contractor and CEI personnel impacted. North Carolina State University's Department of Biological and Agricultural Engineering will administer the certification program. The certification includes classroom instruction and satisfactory completion of an examination. Candidates may waive the classroom instruction and attend the examination only.

Three (3) levels of certification are planned:

- Level I will target Installers/Inspectors involved with the installation and inspection of temporary and permanent erosion and sediment control/stormwater bid items. Candidates are: contractor's/subcontractor's installer on an Erosion Control/Stormwater BMP Installation Crew, Pipe Installation Crew within jurisdictional areas, or Seeding and Mulching Crew; and CEI TT's inspecting erosion control/stormwater bid items. One Level I installer for each crew will be required on all projects that have erosion control plans beginning in 2007. Level I certification training classes will be held in March and April 2006 at the Sediment and Erosion Control Research and Education Facility in Raleigh. **Early registration encouraged.**
- Level II will target CEI TT's serving as the chief or lead inspector on a project. Also, Level II will target contractor's/subcontractor's site manager for: grading operations; bridge/culvert operations over rivers/streams; and utility operations involving earth disturbance. One Level II site manager for each crew was required on all projects that have erosion control plans beginning with the January 17, 2006 letting. Although Level II has already been implemented, certification training will continue to be offered in early 2006 and then afterwards on an as needed basis. **Early registration encouraged.**

Prospective Bidders
January 24, 2006
Page 2

- Level III will target contractor's, CEI's, and PEF's who prepare or oversee the preparation of erosion and sediment control and stormwater pollution prevention plans and reclamation plans. The implementation date for Level III has not yet been determined.

To obtain detailed information regarding the certification program, review locations for Level I and II 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

Those wishing to sponsor a certification training class and examination with 50 or more candidates can contact NCSU at the above website.

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.

RAG/TMS

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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LYNDO TIPPETT
SECRETARY

December 20, 2005

MEMORANDUM TO: Electronic Bidders
FROM: R. A. Garris, PE *RA Garris*
Contract Officer
SUBJECT: Upgrade to Expedite 5.6a

Please be advised that effective with the January 17th, 2006 bid letting, North Carolina Department of Transportation will be upgrading from Expedite 5.2b to Expedite 5.6a.

This new version of software is available for download from either the NC Department of Transportation or the Bid Express web site. The links are listed below. Before upgrading your software, please ensure you have backed up your digital id. If you have not done so, this can be accomplished through the Tools menu under Digital ID's. It is recommended you then uninstall the Expedite 5.2b version to insure no confusion in the future. Once you have installed Expedite 5.6a, you need to enter in your Bidder Information and Agency ID. The digital id backup file you created in the previous version will also need to be imported back in through the Tools menu under Digital ID's. If you do not feel comfortable with any of this procedure, please do not hesitate to contact the Bid Express helpdesk at (352) 381-4888 to have them walk you through this upgrade. The staff in the Project Services Contract Office is also available for any further questions you may have concerning this transition at (919) 250-4124.

Beginning with Expedite 5.6a, the EBS files will no longer be backward compatible. Expedite 5.6a will be able to open files created in previous versions. However, previous versions of Expedite will not open NC Department of Transportation EBS files beginning with the January 17th, 2006 bid letting. Timing and upgrade of this software is imperative in submitting bids to North Carolina for January 2006 forward.

Bid Express
<http://www.bidx.com>

NC DEPARTMENT OF TRANSPORTATION
<http://www.ncdot.org/doh/construction/ps/contracts/expedi/default/html>

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 B15
1020 BIRCH RIDGE DRIVE
RALEIGH NC




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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SECRETARY

November 22, 2005

NOTICE TO: All Prospective Bidders
FROM: R. A. Garris, P.E. 
Contract Officer
SUBJECT: Field Welder Certification

The Department is changing the procedures for certifying field welders. Previously field welders were tested by an independent testing laboratory and the results were submitted to the Materials and Tests Unit. If the results were acceptable, the welder was put on the Department's approved list for three years.

Under the new procedures the Materials and Tests Unit will do the actual testing of all field welders. Welders who pass the test will be placed on the approved list for five years. The attached sheet outlines the details of the new program. The new program will take effect on July 1, 2006, to coincide with the 2006 Standard Specifications.

From January 1 until July 1, 2006 the Department will operate under a dual system. Any welder tested by an independent testing laboratory until July 1, 2006 will be placed on the approved list for three years. After that date, all welders must be tested by the Materials and Tests Unit.

There will be a cost associated with this testing. However, in order to help ensure a smooth transition to the new procedures, from January 1 until March 31, 2006 each Prime Contractor may refer one welder to be certified by the Materials and Tests Unit free of charge. Any other welder may be certified after March 31 and they do not need to be referred by a Contractor.

For further information and an application form you can go to the NC DOT Materials and Tests Unit web page – Training Schedules (http://www.ncdot.org/doh/operations/dp_chief_eng/materials/).

If you have any questions or would like to schedule a field welder test please contact Steve Walton at (336) 993-2300 (swalton@dot.state.nc.us) or David Greene at (919) 733-7091 (dgreene@dot.state.nc.us).

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

TELEPHONE: 919-250-4124
FAX: 919-250-4127
WEBSITE: WWW.DOH.DOT.STATE.NC.US

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

New NC DOT Field Welder Certification Program

Current Program

- Welders must be tested by a NCDOT approved independent testing agency.
- Certifications submitted to the Materials and Tests Unit (M&T) for approval.
- Welder's name and social security number are entered into HICAMS and M&T web page.
- Project inspectors verify welders' name and social security number then confirm welder's approval on HICAMS or M&T's web page.
- Certification valid for 3 years.

New Program

- M&T to test all welders. This may be done at one of the M&T offices, project site, or Contractor's facility (in State only).
- M&T to provide a welding machine, test plates, and all tools needed to take test. Welder may also use his own welding machine.
- M&T to test welded plates. If weld meets requirements, a picture ID certification card and a printed certificate will be given to the Welder.
- The picture ID of welder will be required at field site in lieu of social security number.
- Certification good for NC DOT projects only. It will not include any references to AWS, ASME or other welding codes.
- M&T may accept other DOT's certification programs pending review. Currently Georgia & West Virginia have been accepted.
- Tests to be given for 3 different classifications of welders:
 1. SIP Welder - Fillet weld test only (2F position). Must stop and start near middle of weld. Will qualify welders for metal stay-in-place forms only.
 2. Bridge Welder - Fillet weld (3F position) and groove weld (3G and 4G positions) tests. Will qualify welders for all types of bridge welding.
 3. Pipe Welder - 6G position for groove weld test on 6-inch schedule 80 pipe. Required for welding pipe under 24-inches in diameter.
- Fees to be determined but expected to be less than currently charged by commercial labs. Fees will be dependent upon test taken, i.e., SIP, Bridge, or Pipe Welder.
- Certification will be valid for 5 years unless there are questions about welder's ability; then a retest may be required.
- Implementation - Initial start of program: January 1, 2006.

Option of new program or old until July 1, 2006.

After July 1, 2006 all new welders must be certified under the new program.

Welders currently certified will be accepted through the expiration date listed in HICAMS or M&T web page.

To help get the new program started, each prime contractor will be allowed to refer one welder to be certified for free between January 1 and March 31, 2006. (Note: Future welders will not need to be referred by a contractor.)

**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 16, 2006**. 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., 27699-1509. 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 18, 2006.
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	Anthony W Roper, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	Cornelius 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	Jonathan G Nance, PE	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
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	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 L060516

RPN	Contract Id	WBS	County	Length	JobType
001	C201469	33184.3.1	CHOWAN	0.269 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
002	C201596	2CR.10161.2 ETC.	CARTERET, CRAVEN	9.600 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
003	C200851	35032.3.2	ONslow	1.193 MI	GRADING, DRAINAGE, PAVING & SIGNALS.
004	C201607	37669	FRANKLIN, WAKE	8.290 MI	MILLING, SHLDR CONST & RECONST, RESURFACING & PVMT MARKINGS.
005	C201608	37669	WAKE	13.000 MI	MILLING, SHLDR CONST & RECONST, RESURFACING & PVMT MARKINGS.
006	C201609	37671	FRANKLIN, WAKE	3.850 MI	MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.
007	C201613	37669 ETC.	FRANKLIN, WAKE	25.140 MI	MILLING, SHLDR CONST & RECONST, RESURFACING & PVMT MARKINGS.
008	C201580	35009.3.2	ORANGE	0.392 MI	GRADING, DRAINAGE, PAVING & INTERSECTION IMPROVEMENTS.
009	C201290	33122.3.2	ROCKINGHAM	0.273 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C201429	34153.3.2	FORSYTH	0.588 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
011	C201509	33360.3.1	WATAUGA	0.261 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
012	C201510	33356.3.1	WATAUGA	0.038 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
013	C201612	33356.3.1 ETC.	WATAUGA	0.299 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
014	C201463	38737.3.1	BUNCOMBE	4.400 MI	HOT-IN-PLACE RECYCLING & PVMT MARKINGS.
015	C201606	37849 ETC.	BURKE, BUNCOMBE	34.250 MI	MILLING, ULTRA THIN HOT MIX, RESURFACING, & SHLDR RECONST.
016	C201473	33583.3.1	POLK	0.047 MI	GRADING, DRAINAGE, PAVING, GUARDRAIL & CULVERT.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060516 001

CONTRACT ID : C201469 33184.3.1

DIV OFFICE EDENTON

LENGTH = 0.269 MI

COUNTY : CHOWAN

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : NOV 01 2006

BRIDGE OVER ROCKY HOCK CREEK & APPROACHES ON SR-1222.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM ROADWAY CONSTRUCTION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+19.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+19.00 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+19.00 -L-)
720	LF	HP12X53 STEEL PILES
400	LF	HP14X73 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (18+19.00 -L-)
253	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060516 002

CONTRACT ID : C201596 2CR.10161.2

DIV OFFICE GREENVILLE

LENGTH = 9.600 MI

COUNTY : CARTERET, CRAVEN

MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEP 29 2006

US-70 FROM THE END OF CURB & GUTTER ON THE EAST SIDE OF HAVELOCK IN CARTERET COUNTY TO MCCABE RD IN CRAVEN COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
253,500	LF	PAINT PAVEMENT MARKING LINES (6")
600	LF	PAINT PAVEMENT MARKING LINES (24")
30	EA	PAINT PAVEMENT MARKING SYMBOL
2,619	LF	INDUCTIVE LOOP SAWCUT

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

295,680	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (2")
42,310	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
1,989	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
		*** OR ***
444	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
295,680	SY	HOT-IN-PLACE RECYCLED ASPHALT CONCRETE, TYPE I19.0C
44,352	GAL	EMULSIFIED ASPHALT REJUVENATING AGENT
7,392	TON	HOT MIX ASPHALT ADMIXTURE

*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060516 003

CONTRACT ID : C200851 35032.3.2

DIV OFFICE WILMINGTON

LENGTH = 1.193 MI

COUNTY : ONSLOW

GRADING, DRAINAGE, PAVING & SIGNALS.

DBE GOAL 7.0% COMPLETION DATE : JUN 15 2007

US-17 (CURTIS RD) FROM US-17 TO "A" ST AT USMC BASE - NEW RIVER AIR STATION AT JACKSONVILLE.

ROADWAY ITEMS

Lump Sum LS GENERIC MISCELLANEOUS ITEM
CONSTRUCT PROJECT TO LINE-L-
STA VALUE (**+**.***)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060516 004

CONTRACT ID : C201607 37669

DIV OFFICE DURHAM

LENGTH = 8.290 MI

COUNTY : FRANKLIN, WAKE

MILLING, SHLDR CONST & RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : SEP 15 2006

1 SECTION OF US-1A & 3 SECTIONS OF NC-96.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
400	TON	INCIDENTAL STONE BASE
10.18	SMI	SHOULDER CONSTRUCTION
5.8	SMI	SHOULDER RECONSTRUCTION
6,336	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
5,450	SY	INCIDENTAL MILLING
22,777	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,366	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,130	TON	PATCHING EXISTING PAVEMENT
5	EA	ADJUSTMENT OF MANHOLES
85,972	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
87,842	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
122	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
87,542	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (16")
122	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
547	EA	PERMANENT RAISED PAVEMENT MARKERS
11.99	ACR	SEEDING & MULCHING
3,600	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060516 005

CONTRACT ID : C201608 37669

DIV OFFICE DURHAM

LENGTH = 13.000 MI

COUNTY : WAKE

MILLING, SHLDR CONST & RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 03 2006

3 SECTIONS OF NC-96

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
580	TON	MOBILIZATION INCIDENTAL STONE BASE
23.8	SMI	SHOULDER RECONSTRUCTION
3,733	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
29,333	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
5,000	SY	INCIDENTAL MILLING
4,197	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
33,807	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,225	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,075	TON	PATCHING EXISTING PAVEMENT
7	EA	ADJUSTMENT OF MANHOLES
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
129,120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
142,720	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
135	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
57	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
15,700	LF	PAINT PAVEMENT MARKING LINES (4")
1,054	EA	PERMANENT RAISED PAVEMENT MARKERS
23	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060516 006

CONTRACT ID : C201609 37671

DIV OFFICE DURHAM

LENGTH = 3.850 MI

COUNTY : FRANKLIN, WAKE

MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : SEP 15 2006

NC-39 FROM 500' N OF THE US-64 RAMPS IN FRANKLIN COUNTY TO THE JOHNSTON COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
163	TON	INCIDENTAL STONE BASE
7.7	SMI	SHOULDER RECONSTRUCTION
3,000	SY	INCIDENTAL MILLING
9,568	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,457	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
979	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,200	TON	PATCHING EXISTING PAVEMENT
17	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
41,426	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
41,656	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
47,520	LF	PAINT PAVEMENT MARKING LINES (4")
355	EA	PERMANENT RAISED PAVEMENT MARKERS
4.98	ACR	SEEDING & MULCHING
1,200	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060516 007

CONTRACT ID : C201613 37669

DIV OFFICE DURHAM

LENGTH = 25.140 MI

COUNTY : FRANKLIN, WAKE

MILLING, SHLDR CONST & RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : NOV 03 2006

1 SECTION OF US-1A, 6 SECTIONS OF NC-96 & NC-39 FROM N OF US-64 RAMPS IN FRANKLIN CO TO JOHNSTON CO LINE.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,143	TON	INCIDENTAL STONE BASE
10.18	SMI	SHOULDER CONSTRUCTION
37.3	SMI	SHOULDER RECONSTRUCTION
3,733	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
6,336	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
29,333	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
13,450	SY	INCIDENTAL MILLING
9,568	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
4,197	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
66,041	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,570	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3,405	TON	PATCHING EXISTING PAVEMENT
12	EA	ADJUSTMENT OF MANHOLES
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
17	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
256,518	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
272,218	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
507	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
79	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
150,762	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (16")
122	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
1,956	EA	PERMANENT RAISED PAVEMENT MARKERS
39.97	ACR	SEEDING & MULCHING
4,800	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060516 008

CONTRACT ID : C201580 35009.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.392 MI

COUNTY : ORANGE

GRADING, DRAINAGE, PAVING & INTERSECTION IMPROVEMENTS.

DBE GOAL 9.0% COMPLETION DATE : OCT 31 2007

US-15/501 AND ERWIN RD IN CHAPEL HILL.

ROADWAY ITEMS					
			85	CY	SUBDRAIN FINE AGGREGATE
			500	LF	6" PERFORATED SUBDRAIN PIPE
			15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
			1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			6	LF	6" OUTLET PIPE (SUBDRAINS)
			13	CY	ENDWALLS
			7.5	CY	REINFORCED ENDWALLS
			2.5	CY	PIPE COLLARS
			1.5	CY	PIPE PLUGS
			25	CY	FLOWABLE FILL
			28	EA	MASONRY DRAINAGE STRUCTURES
			8.5	CY	MASONRY DRAINAGE STRUCTURES
			37	LF	MASONRY DRAINAGE STRUCTURES
			1	EA	FRAME WITH GRATE, STD 840.**** (840.16)
			8	EA	FRAME WITH TWO GRATES, STD 840.24
			7	EA	FRAME WITH TWO GRATES, STD 840.29
			2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			4	EA	FRAME WITH COVER, STD 840.54
			6	EA	CONCRETE APRON FOR CATCH BASIN
			1,875	LF	1'-6" CONCRETE CURB & GUTTER
			150	LF	2'-6" CONCRETE CURB & GUTTER
			760	LF	CONCRETE EXPRESSWAY GUTTER
			25	SY	CONCRETE WHEELCHAIR RAMPS
			44	SY	4" CONCRETE PAVED DITCH
			425	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			280	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			1,125	SY	GENERIC PAVING ITEM 6" CONC ISLAND COVERS
			6	EA	GENERIC PAVING ITEM HINGED METAL BOLLARDS
			6	EA	ADJUSTMENT OF MANHOLES
			1	EA	GENERIC DRAINAGE ITEM CONVERT DI TO OTCB
			925	LF	STEEL BM GUARDRAIL
			5	EA	ADDITIONAL GUARDRAIL POSTS
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			105	TON	PLAIN RIP RAP, CLASS I
			625	TON	PLAIN RIP RAP, CLASS B
			2,525	SY	FILTER FABRIC FOR DRAINAGE
			Lump Sum	LS	GENERIC WALL ITEM PILE / PANEL WALL
			1,085	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (19+50.00)
			Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (28+70.00)
			5	EA	SIGN ERECTION, TYPE D
			28	EA	SIGN ERECTION, TYPE E
			5	EA	RELOCATE SIGN, TYPE ***** (D)
			4	EA	RELOCATE SIGN, TYPE ***** (E)
			44	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			4	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			214	SF	WORK ZONE SIGNS (STATIONARY)
			200	SF	WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
900	CY	UNDERCUT EXCAVATION			
300	TON	CLASS IV SUBGRADE STABILIZATION			
3,360	CY	DRAINAGE DITCH EXCAVATION			
300	LF	BERM DITCH CONSTRUCTION			
500	CY	SELECT GRANULAR MATERIAL			
500	SY	FABRIC FOR SOIL STABILIZATION			
255	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
8	LF	12" RC PIPE CULVERTS, CLASS III			
912	LF	15" RC PIPE CULVERTS, CLASS III			
80	LF	18" RC PIPE CULVERTS, CLASS III			
92	LF	24" RC PIPE CULVERTS, CLASS III			
28	LF	30" RC PIPE CULVERTS, CLASS III			
396	LF	36" RC PIPE CULVERTS, CLASS III			
540	LF	42" RC PIPE CULVERTS, CLASS III			
32	LF	48" RC PIPE CULVERTS, CLASS III			
180	LF	54" RC PIPE CULVERTS, CLASS III			
124	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
5	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
208	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (15", 0.500")			
256	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (36", 0.500")			
60	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (54", 0.750")			
76	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (72", 1.000")			
579	LF	PIPE REMOVAL			
450	TON	STABILIZER AGGREGATE			
1,815	TON	AGGREGATE BASE COURSE			
250	TON	INCIDENTAL STONE BASE			
3,900	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2.5")			
250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
4,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
1,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
3,150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C			
815	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
3,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
450	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
210	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
175	SY	GENERIC PAVING ITEM STREET PRINT			
115	CY	SUBDRAIN EXCAVATION			

			4	EA	GENERIC UTILITY ITEM 16" BUTTERFLY VALVE & 6' DIA MANHOLE, 250# WP
			1	EA	GENERIC UTILITY ITEM 8" TRANSITION COUPLING, DI TO AC
32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
2	EA	CHANGEABLE MESSAGE SIGN	4,315	LB	GENERIC UTILITY ITEM DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP
93	EA	DRUMS			
50	EA	CONES	550	LF	TEMPORARY SILT FENCE
110	LF	BARRICADES (TYPE III)	200	TON	STONE FOR EROSION CONTROL, CLASS A
160	HR	FLAGGER			
300	HR	POLICE	1,140	TON	STONE FOR EROSION CONTROL, CLASS B
2,508	EA	TEMPORARY RAISED PAVEMENT MARKERS	620	TON	SEDIMENT CONTROL STONE
23,144	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	8.5	ACR	TEMPORARY MULCHING
			300	LB	SEED FOR TEMPORARY SEEDING
271	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
366	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	150	LF	SAFETY FENCE
63	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	3,000	CY	SILT EXCAVATION
42	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	2,425	SY	MATTING FOR EROSION CONTROL
94,000	LF	PAINT PAVEMENT MARKING LINES (4")	135	SY	PERMANENT SOIL REINFORCEMENT MAT
600	LF	PAINT PAVEMENT MARKING LINES (8")	420	LF	1/4" HARDWARE CLOTH
1,400	LF	PAINT PAVEMENT MARKING LINES (24")	8.5	ACR	SEEDING & MULCHING
96	EA	PAINT PAVEMENT MARKING CHARAC- TER	5	ACR	MOWING
170	EA	PAINT PAVEMENT MARKING SYMBOL	100	LB	SEED FOR REPAIR SEEDING
1,433	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	0.25	TON	FERTILIZER FOR REPAIR SEEDING
1,085	EA	PERMANENT RAISED PAVEMENT MARKERS	200	LB	SEED FOR SUPPLEMENTAL SEEDING
Lump Sum	LS	PORTABLE LIGHTING	6.25	TON	FERTILIZER TOPDRESSING
750	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)	2.5	HR	SPECIALIZED HAND MOWING
750	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
628	LF	8" DI WATER PIPE, PC 350	4	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION WITH COUNT- DOWN)
40	LF	12" DI WATER PIPE, PC 350	3,850	LF	SIGNAL CABLE
1,464	LF	16" DI WATER PIPE, PC ***** (350)	32	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
13	LF	*** DI RESTRAINED JOINT WATER PIPE, CLASS ***** (6", 350)	2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
25	LF	***** COPPER WATER PIPE, TYPE K (1")	2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
113	LF	***** COPPER WATER PIPE, TYPE K (2")	17	EA	BACKPLATE
124	LF	3/4" COPPER WATER PIPE, TYPE K	875	LF	MESSENGER CABLE (3/8")
1	EA	*** CORPORATION STOP (3/4")	1,910	LF	TRACER WIRE
1	EA	2" CORPORATION STOP	1,939	LF	TRENCHING (UNPAVED)
1	EA	*** GATE VALVE & VALVE BOX, *****WP (1", 200#)	485	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 1)
1	EA	6" GATE VALVE & VALVE BOX, 200# WP	638	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)
6	EA	8" GATE VALVE & VALVE BOX, *****WP (200#)	22	EA	JUNCTION BOX (STANDARD SIZE)
2	EA	12" GATE VALVE & VALVE BOX, *****WP (200#)	9	EA	JUNCTION BOX (OVER-SIZED)
1	EA	***X*** TAPPING SADDLE (16" X 1")	3	EA	WOOD POLE
1	EA	***X*** TAPPING SADDLE (16" X 3/4")	10	EA	GUY ASSEMBLY
1	EA	***X*** TAPPING SADDLE (8" X 2")	1	EA	1" RISER WITH WEATHERHEAD
1	EA	***X*** TAPPING SADDLE (8" X 3/4")	4	EA	2" RISER WITH WEATHERHEAD
233	LF	*** DI SEWER PIPE, PC ***** (4", 350)	3,307	LF	INDUCTIVE LOOP SAWCUT
155	LF	8" DI SEWER PIPE, PC 350	4,570	LF	LEAD-IN CABLE
135	LF	12" DI SEWER PIPE, PC 350	2,195	LF	COMMUNICATIONS CABLE (**FIBER) (12)
191	LF	GENERIC UTILITY ITEM 4" PVC SEWER PIPE, SCH 40	4	EA	INTERCONNECT CENTER
466	LF	FILL OR REMOVE ABANDONED *** PIPE. ***** (8", AC-WATER)	9	EA	DELINEATOR MARKER
1,444	LF	FILL OR REMOVE ABANDONED 12" PIPE. ***** (AC-WATER)	1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT
1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE	1	EA	FURNISH FIBER-OPTIC POWER ME- TER
1	EA	REMOVE EXISTING MANHOLE	1	EA	FURNISH OPTICAL LIGHT GENERA- TOR
2	EA	GENERIC UTILITY ITEM 12" TRANSITION COUPLING, DI TO AC	1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
			Lump Sum	LS	FIBER-OPTIC TRAINING
			5,920	LF	REMOVE EXISTING COMMUNICATIONS CABLE
			5	EA	SOIL TEST
			5	EA	SIGNAL PEDESTAL WITH FOUNDA- TION
			10	EA	SIGN FOR SIGNALS
			5	EA	SIGNAL CABINET FOUNDATION
			5	EA	CABINET BASE ADAPTER
			5	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			15	EA	DETECTOR CARD (TYPE 2070L)
			4	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER SELF- HEALING RING
			3	EA	GENERIC SIGNAL ITEM GPS UNIT

- 5 EA GENERIC SIGNAL ITEM
MAST ARM WITH METAL POLE DE-
SIGN
- 1 EA GENERIC SIGNAL ITEM
MASTER CONTROLLER W/ CABINET,
NEMA TS-1
- 3 EA GENERIC SIGNAL ITEM
METAL POLE WITH DOUBLE MAST
ARM
- 2 EA GENERIC SIGNAL ITEM
METAL POLE WITH SINGLE MAST
ARM
- 1,425 LF GENERIC SIGNAL ITEM
UNDERGROUND POLYETHYLENE CON-
DUIT 2", (1 CONDUIT)
- 40 CY GENERIC SIGNAL ITEM
DRILLED PIER FOUNDATION

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060516 009

CONTRACT ID : C201290 33122.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.273 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER SMITH CREEK AND APPROACHES ON NC-700.

ROADWAY ITEMS				
			112	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			5	EA ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS MOBILIZATION		150	LF TEMPORARY STEEL BM GUARDRAIL
15	LF GENERIC MISCELLANEOUS ITEM STEEL PIPE HANDRAIL FOR CONCRETE STEPS & DECK		4	EA GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
			4	EA GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
84	SF GENERIC MISCELLANEOUS ITEM WOOD LANDING DECK		225	LF GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL (WEATHERING STEEL WITH WOOD POST)
1	ACR SUPPLEMENTARY CLEARING & GRUB-BING		2	EA GENERIC GUARDRAIL ITEM GUARDRAIL ANCHOR UNITS, TYPE 350 (WEATHERING STEEL)
8,675	CY UNCLASSIFIED EXCAVATION		2	EA GENERIC GUARDRAIL ITEM GUARDRAIL ANCHOR UNITS, TYPE III (WEATHERING STEEL)
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+67.50)		297	TON PLAIN RIP RAP, CLASS B
500	CY UNDERCUT EXCAVATION		1,370	SY FILTER FABRIC FOR DRAINAGE
Lump Sum	LS GRADING		36.6	SF CONTRACTOR FURNISHED, TYPE *** SIGN (D)
250	TON CLASS IV SUBGRADE STABILIZATION		189.6	SF CONTRACTOR FURNISHED, TYPE *** SIGN (E)
595	LF BERM DITCH CONSTRUCTION		594	LF SUPPORTS, 3-LB STEEL U-CHANNEL
250	CY SELECT GRANULAR MATERIAL		4	EA SIGN ERECTION, TYPE D
250	SY FABRIC FOR SOIL STABILIZATION		38	EA SIGN ERECTION, TYPE E
160	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS		3	EA RELOCATE SIGN, TYPE ***** (E)
56	LF 15" SIDE DRAIN PIPE		11	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
884	LF 15" RC PIPE CULVERTS, CLASS III		2	EA DISPOSAL OF SUPPORT, U-CHANNEL
260	LF 18" RC PIPE CULVERTS, CLASS III		228	SF WORK ZONE SIGNS (STATIONARY)
48	LF 24" RC PIPE CULVERTS, CLASS III		112	SF WORK ZONE SIGNS (PORTABLE)
68	LF 18" CS PIPE CULVERTS, 0.064" THICK		246	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA *** CS PIPE ELBOWS, ***** THICK (18", 0.064")		3	EA CHANGEABLE MESSAGE SIGN
52	LF 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		105	EA DRUMS
84	LF 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		43	EA CONES
6	EA 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		204	LF BARRICADES (TYPE III)
2	EA 18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		180	MD FLAGGER
256	LF PIPE REMOVAL		1	EA TEMPORARY CRASH CUSHIONS
750	TON AGGREGATE BASE COURSE		1	EA RESET TEMPORARY CRASH CUSHIONS
500	TON INCIDENTAL STONE BASE		1	EA TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
1,200	TON ASPHALT CONC BASE COURSE, TYPE B25.0C		150	LF PORTABLE CONCRETE BARRIER
910	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		284	LF PORTABLE CONCRETE BARRIER (ANCHORED)
1,475	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C		100	LF RESET PORTABLE CONCRETE BARRIER
95	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		280	LF WATER FILLED BARRIER
90	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22		125	EA TEMPORARY RAISED PAVEMENT MARKERS
125	TON ASPHALT PLANT MIX, PAVEMENT REPAIR		23,548	LF PAINT PAVEMENT MARKING LINES (4")
535	SY ***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (7")		1,506	LF PAINT PAVEMENT MARKING LINES (8")
19	EA MASONRY DRAINAGE STRUCTURES		712	LF PAINT PAVEMENT MARKING LINES (24")
2	EA FRAME WITH TWO GRATES, STD 840.29		52	EA PAINT PAVEMENT MARKING SYMBOL
12	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		4,657	LF POLYUREA PAVEMENT MARKING LINES (4")
4	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		108	LF POLYUREA PAVEMENT MARKING LINES (8")
2	CY CONCRETE STEPS		304	LF POLYUREA PAVEMENT MARKING LINES (24")
220	LF ***X *** CONCRETE CURB (8" X 24")		19	EA POLYUREA PAVEMENT MARKING SYMBOL
245	LF 1'-6" CONCRETE CURB & GUTTER		50	EA PERMANENT RAISED PAVEMENT MARKERS
2,315	LF 2'-6" CONCRETE CURB & GUTTER		200	TON FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
470	SY 4" CONCRETE SIDEWALK		100	TON BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
55	SY CONCRETE WHEELCHAIR RAMPS		200	TON SELECT BACKFILL MATERIAL, UTILITIES CLASS ***** (II)
315	SY 6" CONCRETE DRIVEWAY			
22	SY 4" CONCRETE PAVED DITCH			

			3,000	SY	PERMANENT SOIL REINFORCEMENT MAT
			600	LF	1/4" HARDWARE CLOTH
			9	EA	SPECIAL STILLING BASINS
			1.5	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
			2	M/G	WATER
			1.25	TON	FERTILIZER TOPDRESSING
			1	HR	SPECIALIZED HAND MOWING
			0.25	ACR	REFORESTATION
			8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
			0.6	ACR	GENERIC EROSION CONTROL ITEM WEEPING LOVEGRASS SEEDING
			10	EA	CERCIS CANADENSIS, REDBUD, 'FOREST PANSY'
			29	EA	ILEX VERTICILLATA, WINTERBERRY 'WINTER RED' (10% TO BE APOLLO)*
			230	EA	MYRICA CERIFERA, WAX MYRTLE,
			51	EA	GENERIC PLANTING ITEM HAMAMALIS MOLLIS CHINESE WITCH HAZEL
			7	EA	GENERIC PLANTING ITEM HAMAMALIS VERNALIS VERNAL WITCH HAZEL
			38	EA	GENERIC PLANTING ITEM PINUS NIGRA AUSTRIAN PINE
			53	EA	GENERIC PLANTING ITEM RHUS AROMATICA FRAGRANT SUMAC
			11	EA	GENERIC PLANTING ITEM RHUS AROMATICA FRAGRANT SUMAC (18"-24")
			32	EA	GENERIC PLANTING ITEM VIBURNUM PLICATUM TOMENTOSUM 'MARIESII'
			10	EA	GENERIC PLANTING ITEM VIBURNUM PLICATUM TOMENTOSUM 'MARIESII'
			10	EA	GENERIC PLANTING ITEM VIBURNUM PLICATUM TOMENTOSUM 'MARIESII'
			10	CY	MULCH FOR PLANTING
			2	M/G	WATER FOR PLANTING
			700	LF	GENERIC PLANTING ITEM TREE PROTECTION FENCE
			860	LF	SIGNAL CABLE
			6	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
			490	LF	MESSANGER CABLE (3/8")
			30	LF	TRENCHING (PAVED)
			155	LF	TRENCHING (UNPAVED)
			4	EA	WOOD POLE
			8	EA	GUY ASSEMBLY
			1	EA	1" RISER WITH WEATHERHEAD
			4	EA	2" RISER WITH WEATHERHEAD
			740	LF	INDUCTIVE LOOP SAWCUT
			1,250	LF	LEAD-IN CABLE
			1	EA	SIGN FOR SIGNALS
			1	EA	SIGNAL CABINET FOUNDATION
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			4	EA	DETECTOR CARD (TYPE 2070L)
			1	EA	GENERIC SIGNAL ITEM CABINET BASE EXTENDER
					WALL ITEMS
			Lump Sum	LS	GENERIC RETAINING WALL ITEM PILE RETAINING WALL WITH CAST-IN-PLACE FACE
					STRUCTURE ITEMS
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (15+67.50 -L-)
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+67.50 -L-)
100	TON	PAVEMENT REPAIR FOR UTILITY WORK			
28	LF	*** DI WATER PIPE, PC ***** (3", PC 350)			
60	LF	6" DI WATER PIPE, PC 350			
8,804	LB	DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP			
24	LF	1" COPPER WATER PIPE, TYPE K			
419	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP			
1	EA	1" CORPORATION STOP			
1	EA	*** CURB STOP (1")			
4	EA	*** GATE VALVE & VALVE BOX, *****WP (16", 200#)			
4	EA	6" GATE VALVE & VALVE BOX, 200# WP			
3	EA	8" GATE VALVE & VALVE BOX, *****WP (200#)			
2	EA	*** TRANSITION COUPLING, ***** (14", DI TO CI WATER)			
1	EA	RELOCATE EXISTING FIRE HYDRANT			
50	LF	*** PVC SEWER PIPE, SDR ** (4", 35)			
487	LF	8" DI SEWER PIPE, PC 350			
149	LF	18" DI SEWER PIPE, PC ***** (350)			
5	EA	SANITARY SEWER CLEAN-OUT			
1	EA	4' DIA PRECAST CONC SEWER MANHOLE 0-6' DEPTH			
1	EA	5' DIA PRECAST CONC SEWER MANHOLE 0-6' DEPTH			
14	LF	PRECAST CONC MANHOLE WALL, * DIA, OVER 6' HT (4')			
1	LF	PRECAST CONC MANHOLE WALL, * DIA, OVER 6' HT (5')			
450	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (14", CI WATER)			
510	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", TC SEWER)			
350	LF	FILL OR REMOVE ABANDONED 12" PIPE, ***** (CI WATER)			
2	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE			
2	EA	GENERIC UTILITY ITEM 1" WATER METER			
14	EA	GENERIC UTILITY ITEM 3" RESTRAINED RETAINER GLAND			
7	EA	GENERIC UTILITY ITEM 6" RESTRAINED RETAINER GLAND			
1	EA	GENERIC UTILITY ITEM BREAK DOWN, PLUG, & FILL ABANDONED METER VAULT			
1	EA	GENERIC UTILITY ITEM MANHOLE VENT PIPE			
1	EA	GENERIC UTILITY ITEM REMOVE AND STOCKPILE EXISTING WATER METER			
1	EA	GENERIC UTILITY ITEM REMOVE, STOCKPILE, AND RELOCATE EXISTING FIRE HYDRANT			
3	EA	GENERIC UTILITY ITEM WATERTIGHT MANHOLE RING & COVER			
990	LF	GENERIC UTILITY ITEM 16" DI RESTRAINED JOINT WATER PIPE, PC 350			
45	LF	GENERIC UTILITY ITEM 6" DI RESTRAINED JOINT WATER PIPE, PC 350			
58	LF	GENERIC UTILITY ITEM 8" DI RESTRAINED JOINT WATER PIPE, PC 350			
800	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
230	TON	STONE FOR EROSION CONTROL, CLASS B			
450	TON	SEDIMENT CONTROL STONE			
1.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
250	LF	SAFETY FENCE			
945	CY	SILT EXCAVATION			
650	SY	MATTING FOR EROSION CONTROL			

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+67.50 -L-)
67	LF	3'-6" DIA DRILLED PIERS IN SOIL
77	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
69	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
601	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
16,026.2	SF	REINFORCED CONCRETE DECK SLAB
12,060	SF	GROOVING BRIDGE FLOORS
166.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+67.50 -L-)
58,072	LB	REINFORCING STEEL (BRIDGE)
6,757	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,704.17	LF	54" PRESTRESSED CONCRETE GIR- DERS
565	LF	HP12X53 STEEL PILES
464	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
515	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (15+67.50 -L-)
Lump Sum	LS	GENERIC STRUCTURE ITEM 16" WATER MAIN
Lump Sum	LS	GENERIC STRUCTURE ITEM FIBERGLASS TELEPHONE CONDUITS
Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY 8" WATER MAIN
687.7	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060516 010

CONTRACT ID : C201429 34153.3.2

DIV OFFICE WINSTON-SALEM

LENGTH = 0.588 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : JUL 01 2008

I-40 AT SR-1101 (HARPER RD) EAST OF YADKIN RIVER.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	5	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+69.29)	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
Lump Sum	LS	GRADING	3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
30	CY	UNDERCUT EXCAVATION	1,160	LF	REMOVE EXISTING GUARDRAIL
2,820	SF	TEMPORARY SHORING	100	LF	TEMPORARY STEEL BM GUARDRAIL
352	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (XI)
2,032	LF	15" RC PIPE CULVERTS, CLASS III	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
765	LF	18" RC PIPE CULVERTS, CLASS III	3,795	LF	WOVEN WIRE FENCE, 47" FABRIC
240	LF	24" RC PIPE CULVERTS, CLASS III	227	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
168	LF	30" RC PIPE CULVERTS, CLASS III	84	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
56	LF	36" RC PIPE CULVERTS, CLASS III	1,060	LF	CHAIN LINK FENCE, 48" FABRIC
56	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	87	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	4	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
1,038	LF	PIPE REMOVAL	10	TON	PLAIN RIP RAP, CLASS I
1,691	TON	AGGREGATE BASE COURSE	68	TON	PLAIN RIP RAP, CLASS B
250	TON	INCIDENTAL STONE BASE	1,060	SY	FILTER FABRIC FOR DRAINAGE
250	SY	INCIDENTAL MILLING	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
10,930	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2	CY	REINFORCED CONCRETE SIGN FOOTINGS
7,288	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1	CY	PLAIN CONCRETE SIGN FOOTINGS
4,931	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1,133	LB	SUPPORTS, BREAKAWAY STEEL BEAM
1,110	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1,265	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
45	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	7	EA	SIGN ERECTION, TYPE D
750	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED	34	EA	SIGN ERECTION, TYPE E
161	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	8	EA	SIGN ERECTION, TYPE F
6,770	LF	MILLED RUMBLE STRIPS	3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
37	EA	RIGHT OF WAY MARKERS	2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
0.893	CY	PIPE COLLARS	3	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
1.074	CY	PIPE PLUGS	2	EA	RELOCATE SIGN, TYPE ***** (D)
38	EA	MASONRY DRAINAGE STRUCTURES	33	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2.8	LF	MASONRY DRAINAGE STRUCTURES	2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
3	EA	FRAME WITH GRATE, STD 840.**** (840.20)	477	SF	WORK ZONE SIGNS (STATIONARY)
6	EA	FRAME WITH TWO GRATES, STD 840.16	930	SF	WORK ZONE SIGNS (PORTABLE)
10	EA	FRAME WITH TWO GRATES, STD 840.22	130	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	2	EA	FLASHING ARROW PANELS, TYPE C
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2	EA	CHANGEABLE MESSAGE SIGN
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	400	EA	DRUMS
5,078	LF	2'-6" CONCRETE CURB & GUTTER	100	EA	CONES
863	LF	CONCRETE EXPRESSWAY GUTTER	204	LF	BARRICADES (TYPE III)
158	SY	6" CONCRETE DRIVEWAY	200	MD	FLAGGER
185	SY	4" CONCRETE PAVED DITCH	6	EA	TEMPORARY CRASH CUSHIONS
797	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	1	EA	RESET TEMPORARY CRASH CUSHIONS
5	EA	ADJUSTMENT OF MANHOLES	2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	1,720	LF	PORTABLE CONCRETE BARRIER
2,925	LF	STEEL BM GUARDRAIL	200	HR	POLICE
50	LF	STEEL BM GUARDRAIL, SHOP CURVED	3,885	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")
			160	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (8")
			4	EA	REMOVABLE TAPE PAVEMENT MARKING CHARACTER
			13	EA	REMOVABLE TAPE PAVEMENT MARKING SYMBOL
			192	EA	TEMPORARY RAISED PAVEMENT MARKERS
			12,075	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)

			2,565	SY	MATTING FOR EROSION CONTROL
			397	SY	PERMANENT SOIL REINFORCEMENT MAT
12,541	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	860	LF	1/4" HARDWARE CLOTH
460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	13	ACR	SEEDING & MULCHING
260	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	7	ACR	MOWING
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	100	LB	SEED FOR REPAIR SEEDING
55	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	0.25	TON	FERTILIZER FOR REPAIR SEEDING
2,337	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")	275	LB	SEED FOR SUPPLEMENTAL SEEDING
160	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (8")	9.75	TON	FERTILIZER TOPDRESSING
4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER	3.5	HR	SPECIALIZED HAND MOWING
11	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL	8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
61,660	LF	PAINT PAVEMENT MARKING LINES (4")	1,640	LF	SIGNAL CABLE
1,060	LF	PAINT PAVEMENT MARKING LINES (8")	17	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
448	LF	PAINT PAVEMENT MARKING LINES (12")	1,090	LF	MESSENGER CABLE (3/8")
408	LF	PAINT PAVEMENT MARKING LINES (24")	1,080	LF	TRENCHING (UNPAVED)
20	EA	PAINT PAVEMENT MARKING CHARACTER	7	EA	JUNCTION BOX (STANDARD SIZE)
79	EA	PAINT PAVEMENT MARKING SYMBOL	6	EA	WOOD POLE
5,550	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	8	EA	GUY ASSEMBLY
62	EA	PERMANENT RAISED PAVEMENT MARKERS	1	EA	1" RISER WITH WEATHERHEAD
450	EA	SNOWPLOWABLE PAVEMENT MARKERS	4	EA	2" RISER WITH WEATHERHEAD
140	TON	FOUNDATION CONDITIONING MATERIAL., UTILITIES CLASS ***** (VI)	1,600	LF	INDUCTIVE LOOP SAWCUT
140	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)	2,790	LF	LEAD-IN CABLE
1,256	LF	6" DI WATER PIPE, PC 350	1	EA	MICROWAVE VEHICLE DETECTOR
1,885	LB	DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP	4	EA	SOIL TEST
34	LF	3/4" COPPER WATER PIPE, TYPE K	6	EA	SIGN FOR SIGNALS
375	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP	1	EA	SIGNAL CABINET FOUNDATION
1	EA	6" GATE VALVE & VALVE BOX, 200# WP	1	EA	CABINET BASE ADAPTER
1	EA	***X*** TAPPING SLEEVE, VALVE & VALVE BOX, *****WP (6" X 6", 200# WP)	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1	EA	***X*** TAPPING SLEEVE, VALVE & VALVE BOX, *****WP (8" X 6", 200# WP)	5	EA	DETECTOR CARD (TYPE 2070L)
2	EA	***X*** TAPPING SLEEVE, VALVE & VALVE BOX, *****WP (8" X 8", 200# WP)	4	EA	GENERIC SIGNAL ITEM METAL STRAIN SIGNAL POLE
2	EA	RELOCATE EXISTING WATER METER	2	EA	GENERIC SIGNAL ITEM RELOCATE MICROWAVE VEHICLE DETECTOR
4	EA	RELOCATE EXISTING FIRE HYDRANT	24	CY	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION
1	EA	GENERIC UTILITY ITEM REMOVE & STOCKPILE EXISTING FIRE HYDRANT			
6	EA	GENERIC UTILITY ITEM SANITARY SEWER CLEAN-OUT			
1,100	LF	GENERIC UTILITY ITEM 12" DI RJ WATER PIPE, PC 350			
240	LF	GENERIC UTILITY ITEM 24" STEEL ENCASEMENT PIPE, 0.250" THICK, BY OPEN CUT			
80	LF	GENERIC UTILITY ITEM 24" STEEL ENCASEMENT PIPE, 0.250" THICK, IN SOIL, BY TRENCHLESS METHOD			
80	LF	GENERIC UTILITY ITEM 24" STEEL ENCASEMENT PIPE, 0.250" TK, NOT IN SOIL, BY TRENCHLESS METHOD			
1,925	LF	TEMPORARY SILT FENCE			
450	TON	STONE FOR EROSION CONTROL, CLASS A			
1,320	TON	STONE FOR EROSION CONTROL, CLASS B			
585	TON	SEDIMENT CONTROL STONE			
11.5	ACR	TEMPORARY MULCHING			
400	LB	SEED FOR TEMPORARY SEEDING			
1.75	TON	FERTILIZER FOR TEMPORARY SEEDING			
245	LF	TEMPORARY SLOPE DRAINS			
6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
3,405	CY	SILT EXCAVATION			

WALL ITEMS

2,280	SF	GENERIC RETAINING WALL ITEM PILE/PANEL RETAINING WALL (STA. 1+50.00 -REVC-)
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STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+71.54-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 20+71.54-L-)
1,904	CY	UNCLASSIFIED STRUCTURE EXCAVATION
25,122	SF	REINFORCED CONCRETE DECK SLAB
25,617	SF	GROOVING BRIDGE FLOORS
361	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+71.54-L-)
53,815	LB	REINFORCING STEEL (BRIDGE)
2,327	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,005,950	LS	APPROX LBS STRUCTURAL STEEL
7,110	LF	HP12X53 STEEL PILES
273.55	LF	TWO BAR METAL RAIL
273.55	LF	THREE BAR METAL RAIL
281.91	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-6")
1,060	SY	4" SLOPE PROTECTION
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

L060516 011

CONTRACT ID : C201509 33360.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.261 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2007

BRIDGES OVER MEAT CAMP CREEK & APPROACHES ON SR-1340.

ROADWAY ITEMS

			12	EA	WARNING FLAG SETS
			60	EA	DRUMS
			41	EA	CONES
			100	LF	BARRICADES (TYPE III)
Lump Sum	LS	MOBILIZATION	80	MD	FLAGGER
Lump Sum	LS	CONSTRUCTION SURVEYING	4	EA	TEMPORARY CRASH CUSHIONS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+60-L1-)	1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (32+86-L2-)	285	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
Lump Sum	LS	GRADING	5,810	LF	EPOXY PAVEMENT MARKING LINES (4")
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2,800	LF	PAINT PAVEMENT MARKING LINES (4")
450	TON	SELECT MATERIAL, CLASS ***** (VI)	40	LF	PAINT PAVEMENT MARKING LINES (24")
590	TON	SELECT MATERIAL, CLASS ***** (VII)	1,390	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
80	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	52	LF	3/4" PE WATER TUBING, SDR 9, *****WP (200# WP)
72	LF	15" SIDE DRAIN PIPE	750	LF	TEMPORARY SILT FENCE
40	LF	15" RC PIPE CULVERTS, CLASS III	150	TON	STONE FOR EROSION CONTROL, CLASS A
48	LF	18" RC PIPE CULVERTS, CLASS III	245	TON	STONE FOR EROSION CONTROL, CLASS B
264	LF	*** CS PIPE CULVERTS, ***** THICK (48", 0.109")	320	TON	SEDIMENT CONTROL STONE
200	LF	*** CS PIPE CULVERTS, ***** THICK (72", 0.138")	2	ACR	TEMPORARY MULCHING
32	LF	15" CS PIPE CULVERTS, 0.064" THICK	100	LB	SEED FOR TEMPORARY SEEDING
80	LF	18" CS PIPE CULVERTS, 0.064" THICK	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	*** CS PIPE ELBOWS, ***** THICK (48", 0.109")	640	LF	SAFETY FENCE
2	EA	*** CS PIPE ELBOWS, ***** THICK (72", 0.138")	455	CY	SILT EXCAVATION
609	LF	PIPE REMOVAL	1,170	SY	MATTING FOR EROSION CONTROL
580	TON	AGGREGATE BASE COURSE	440	SY	PERMANENT SOIL REINFORCEMENT MAT
100	TON	INCIDENTAL STONE BASE	580	LF	1/4" HARDWARE CLOTH
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	3	EA	SPECIAL STILLING BASINS
620	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	3.1	ACR	SEEDING & MULCHING
49	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1	ACR	MOWING
15	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	50	LB	SEED FOR REPAIR SEEDING
24	EA	RIGHT OF WAY MARKERS	0.25	TON	FERTILIZER FOR REPAIR SEEDING
0.13	CY	PIPE PLUGS	50	LB	SEED FOR SUPPLEMENTAL SEEDING
3	EA	MASONRY DRAINAGE STRUCTURES	1.25	TON	FERTILIZER TOPDRESSING
3	EA	FRAME WITH TWO GRATES, STD 840.29	1.5	HR	SPECIALIZED HAND MOWING
18	CY	CONCRETE RETAINING WALLS	0.25	ACR	REFORESTATION
125	LF	SHOULDER BERM GUTTER	8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
590	LF	CONCRETE EXPRESSWAY GUTTER			
250	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
5	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
137.5	LF	TEMPORARY STEEL BM GUARDRAIL			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			
13	TON	PLAIN RIP RAP, CLASS B			
1,380	SY	FILTER FABRIC FOR DRAINAGE			
500	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
50	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
			12	EA	WARNING FLAG SETS
			60	EA	DRUMS
			41	EA	CONES
			100	LF	BARRICADES (TYPE III)
			80	MD	FLAGGER
			4	EA	TEMPORARY CRASH CUSHIONS
			1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
			285	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			5,810	LF	EPOXY PAVEMENT MARKING LINES (4")
			2,800	LF	PAINT PAVEMENT MARKING LINES (4")
			40	LF	PAINT PAVEMENT MARKING LINES (24")
			1,390	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			52	LF	3/4" PE WATER TUBING, SDR 9, *****WP (200# WP)
			750	LF	TEMPORARY SILT FENCE
			150	TON	STONE FOR EROSION CONTROL, CLASS A
			245	TON	STONE FOR EROSION CONTROL, CLASS B
			320	TON	SEDIMENT CONTROL STONE
			2	ACR	TEMPORARY MULCHING
			100	LB	SEED FOR TEMPORARY SEEDING
			0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
			640	LF	SAFETY FENCE
			455	CY	SILT EXCAVATION
			1,170	SY	MATTING FOR EROSION CONTROL
			440	SY	PERMANENT SOIL REINFORCEMENT MAT
			580	LF	1/4" HARDWARE CLOTH
			3	EA	SPECIAL STILLING BASINS
			3.1	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
			1.5	HR	SPECIALIZED HAND MOWING
			0.25	ACR	REFORESTATION
			8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+59.50-L1-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+85.50-L2-)
67	LF	PILE EXCAVATION IN SOIL
124	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (23+59.50-L1-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (32+85.50-L2-)
62	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+59.50-L1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (32+85.50-L2-)
9,596	LB	REINFORCING STEEL (BRIDGE)
335	LF	HP12X53 STEEL PILES
12	EA	STEEL PILE POINTS
167.26	LF	CONCRETE BARRIER RAIL

335	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
373	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
836.26	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060516 012

CONTRACT ID : C201510 33356.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.038 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : OCT 01 2007

BRIDGE OVER COVE CREEK & APPROACHES ON SR-1149.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+06.50)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
250	TON	CLASS IV SUBGRADE STABILIZATION
4,600	CY	BORROW EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
9	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
24	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
56	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
56	LF	PIPE REMOVAL
4	EA	PIPE CLEAN-OUT
50	TON	INCIDENTAL STONE BASE
35	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
25	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
4	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
9	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
35	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
25	LF	SHOULDER BERM GUTTER
12.5	LF	STEEL BM GUARDRAIL
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
1	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
120	TON	PLAIN RIP RAP, CLASS II
500	TON	PLAIN RIP RAP, CLASS A
2	TON	PLAIN RIP RAP, CLASS B
2,280	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
104	SF	WORK ZONE SIGNS (STATIONARY)
276	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
20	EA	CONES
100	LF	BARRICADES (TYPE III)
4	EA	WARNING LIGHTS (TYPE B)
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
20,000	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (24")
3	EA	7' U-CHANNEL POSTS

3	EA	OBJECT MARKERS (END OF ROAD)
500	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
65	TON	STONE FOR EROSION CONTROL, CLASS B
120	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
20	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
145	CY	SILT EXCAVATION
200	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
1	HR	SPECIALIZED HAND MOWING
8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
325	TON	SELECT BACKFILL MATERIAL, CLASS ** (VI)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (11+06.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+06.50 -L-)
60.8	LF	3'-0" DIA DRILLED PIERS IN SOIL
39	LF	3'-6" DIA DRILLED PIERS IN SOIL
55	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
25	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
16	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
3	EA	CROSSHOLE SONIC LOGGING
4,901	SF	REINFORCED CONCRETE DECK SLAB
4,784	SF	GROOVING BRIDGE FLOORS
144.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+06.50 -L-)
35,623	LB	REINFORCING STEEL (BRIDGE)
4,997	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
602.74	LF	45" PRESTRESSED CONCRETE GIR- DERS
105	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
675	SF	*** STEEL SHEET PILES (18")
291	LF	ONE BAR METAL RAIL
306.33	LF	1'-***X ***** CONCRETE PARA- PET (1'-0" X 1'-6")
173	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
193	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

L060516 013

CONTRACT ID : C201612 33356.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.299 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2007

BRIDGE OVER COVE CREEK & APPROACHES ON SR-1149 AND BRIDGES OVER MEAT CAMP CREEK & APPROACHES ON SR-1340.

ROADWAY ITEMS					
			5	EA	FRAME WITH TWO GRATES, STD 840.29
			18	CY	CONCRETE RETAINING WALLS
			150	LF	SHOULDER BERM GUTTER
			590	LF	CONCRETE EXPRESSWAY GUTTER
			262.5	LF	STEEL BM GUARDRAIL
			62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
			1	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			10	EA	ADDITIONAL GUARDRAIL POSTS
			3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
			7	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			5	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			137.5	LF	TEMPORARY STEEL BM GUARDRAIL
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			120	TON	PLAIN RIP RAP, CLASS II
			500	TON	PLAIN RIP RAP, CLASS A
			15	TON	PLAIN RIP RAP, CLASS B
			3,660	SY	FILTER FABRIC FOR DRAINAGE
			1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			604	SF	WORK ZONE SIGNS (STATIONARY)
			372	SF	WORK ZONE SIGNS (PORTABLE)
			90	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			12	EA	WARNING FLAG SETS
			90	EA	DRUMS
			61	EA	CONES
			200	LF	BARRICADES (TYPE III)
			80	MD	FLAGGER
			4	EA	WARNING LIGHTS (TYPE B)
			4	EA	TEMPORARY CRASH CUSHIONS
			1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
			1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
			285	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			5,810	LF	EPOXY PAVEMENT MARKING LINES (4")
			22,800	LF	PAINT PAVEMENT MARKING LINES (4")
			140	LF	PAINT PAVEMENT MARKING LINES (24")
			1,390	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			3	EA	7' U-CHANNEL POSTS
			3	EA	OBJECT MARKERS (END OF ROAD)
			52	LF	3/4" PE WATER TUBING, SDR 9, *****WP (200# WP)
			1,250	LF	TEMPORARY SILT FENCE
			225	TON	STONE FOR EROSION CONTROL, CLASS A
			310	TON	STONE FOR EROSION CONTROL, CLASS B
			440	TON	SEDIMENT CONTROL STONE
			2.5	ACR	TEMPORARY MULCHING
			150	LB	SEED FOR TEMPORARY SEEDING
			0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			20	LF	TEMPORARY SLOPE DRAINS
			1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			740	LF	SAFETY FENCE
			600	CY	SILT EXCAVATION
			1,370	SY	MATTING FOR EROSION CONTROL
			440	SY	PERMANENT SOIL REINFORCEMENT MAT
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+06.50)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+60-L1-)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (32+86-L2-)			
	2	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	200	CY			UNDERCUT EXCAVATION
Lump Sum	LS	GRADING			
	250	TON			CLASS IV SUBGRADE STABILIZATION
	4,600	CY			BORROW EXCAVATION
	200	CY			SELECT GRANULAR MATERIAL
	200	SY			FABRIC FOR SOIL STABILIZATION
	450	TON			SELECT MATERIAL, CLASS ***** (VI)
	590	TON			SELECT MATERIAL, CLASS ***** (VII)
	89	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	72	LF			15" SIDE DRAIN PIPE
	40	LF			15" RC PIPE CULVERTS, CLASS III
	48	LF			18" RC PIPE CULVERTS, CLASS III
	264	LF			*** CS PIPE CULVERTS, ***** THICK (48", 0.109")
	200	LF			*** CS PIPE CULVERTS, ***** THICK (72", 0.138")
	32	LF			15" CS PIPE CULVERTS, 0.064" THICK
	80	LF			18" CS PIPE CULVERTS, 0.064" THICK
	3	EA			*** CS PIPE ELBOWS, ***** THICK (48", 0.109")
	2	EA			*** CS PIPE ELBOWS, ***** THICK (72", 0.138")
	24	LF			12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
	56	LF			18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
	4	EA			12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
	665	LF			PIPE REMOVAL
	4	EA			PIPE CLEAN-OUT
	580	TON			AGGREGATE BASE COURSE
	150	TON			INCIDENTAL STONE BASE
	235	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	645	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	53	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	15	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	33	EA			RIGHT OF WAY MARKERS
	45	CY			SUBDRAIN EXCAVATION
	35	CY			SUBDRAIN FINE AGGREGATE
	200	LF			6" PERFORATED SUBDRAIN PIPE
	6	EA			6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
	1	EA			CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
	6	LF			6" OUTLET PIPE (SUBDRAINS)
	0.13	CY			PIPE PLUGS
	5	EA			MASONRY DRAINAGE STRUCTURES

620	LF	1/4" HARDWARE CLOTH
7	EA	SPECIAL STILLING BASINS
4.1	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
2.5	HR	SPECIALIZED HAND MOWING
0.25	ACR	REFORESTATION
16	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
325	TON	SELECT BACKFILL MATERIAL, CLASS ** (VI)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (11+06.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+06.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+59.50-L1-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+85.50-L2-)
67	LF	PILE EXCAVATION IN SOIL
124	LF	PILE EXCAVATION NOT IN SOIL
60.8	LF	3'-0" DIA DRILLED PIERS IN SO IL
39	LF	3'-6" DIA DRILLED PIERS IN SOIL
55	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
25	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
16	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
3	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (23+59.50-L1-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (32+85.50-L2-)
4,901	SF	REINFORCED CONCRETE DECK SLAB
4,784	SF	GROOVING BRIDGE FLOORS
206.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+06.50 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+59.50-L1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (32+85.50-L2-)
45,219	LB	REINFORCING STEEL (BRIDGE)
4,997	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
602.74	LF	45" PRESTRESSED CONCRETE GIR- DERS
440	LF	HP12X53 STEEL PILES
19	EA	STEEL PILE POINTS
675	SF	***" STEEL SHEET PILES (18")
291	LF	ONE BAR METAL RAIL
167.26	LF	CONCRETE BARRIER RAIL
306.33	LF	1'-***" X *****" CONCRETE PARA- PET (1'-0" X 1'-6")
508	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
566	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
836.26	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L060516 014****CONTRACT ID : C201463 38737.3.1****DIV OFFICE ASHEVILLE****LENGTH = 4.400 MI****COUNTY : BUNCOMBE****HOT-IN-PLACE RECYCLING & PVMT MARKINGS.****DBE GOAL 4.0% COMPLETION DATE : SEP 30 2006****I-40 EASTBOUND AND WESTBOUND FROM MP-55 TO MP-59.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
154	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
12,390	GAL	EMULSIFIED ASPHALT REJUVENATING AGENT
2,816	TON	HOT MIX ASPHALT ADMIXTURE
92,928	LF	MILLED RUMBLE STRIPS
123,904	SY	GENERIC PAVING ITEM HOT-IN-PLACE RECYCLED ASPHALT CONCRETE, TYPE S12.5C
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
92,928	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
11,616	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
3,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
92,928	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMO PAVEMENT MARKING LINES (6", 40 MILS)
756	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060516 015

CONTRACT ID : C201606 37849

DIV OFFICE ASHEVILLE

LENGTH = 34.250 MI

COUNTY : BURKE, BUNCOMBE

MILLING, ULTRA THIN HOT MIX, RESURFACING, & SHLDER RECONST.

DBE GOAL 5.0% COMPLETION DATE : SEP 30 2006

4 SECTIONS OF US-19/23, 2 SECTIONS OF I-40, 1 SECTION OF US-70 & 1 SECTION OF US-70/ 70 BUS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
26.38	SMI	SHOULDER RECONSTRUCTION
37,130	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
4,970	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
3,430	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
770	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
284	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
206	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
400	TON	PATCHING EXISTING PAVEMENT
19,735	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
543,010	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
181,632	LF	MILLED RUMBLE STRIPS
1,083	TON	GENERIC PAVING ITEM ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
117	EA	GENERIC PAVING ITEM MILLING JOINTS
31	EA	ADJUSTMENT OF MANHOLES
43	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
157,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
174,534	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
187,968	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
31,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
2,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
72	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
96	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
24,000	LF	PAINT PAVEMENT MARKING LINES (4")
101,376	LF	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMO PAVEMENT MARKING LINES (6", 40 MILS)
1,502	EA	SNOWPLOWABLE PAVEMENT MARKERS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060516 016

CONTRACT ID : C201473 33583.3.1

DIV OFFICE SYLVA

LENGTH = 0.047 MI

COUNTY : POLK

GRADING, DRAINAGE, PAVING, GUARDRAIL & CULVERT.

DBE GOAL 3.0% COMPLETION DATE : NOV 15 2006

BRIDGE # 193 OVER A BRANCH & APPROACHES ON SR-1508.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
250	TON	CLASS IV SUBGRADE STABILIZATION
1,000	CY	BORROW EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
400	SF	TEMPORARY SHORING
6	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
52	LF	24" RC PIPE CULVERTS, CLASS III
42	LF	PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
90	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
110	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
12	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
45	CY	SUBDRAIN EXCAVATION
34	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
37.5	LF	STEEL BM GUARDRAIL
125	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
75	LF	TEMPORARY STEEL BM GUARDRAIL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
10	TON	PLAIN RIP RAP, CLASS I
9	TON	PLAIN RIP RAP, CLASS B
390	SY	FILTER FABRIC FOR DRAINAGE
22.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
53	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	SIGN ERECTION, TYPE E
11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
495	SF	WORK ZONE SIGNS (STATIONARY)
138	SF	WORK ZONE SIGNS (PORTABLE)
45	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	DRUMS
20	EA	CONES
60	LF	BARRICADES (TYPE III)
128	HR	FLAGGER
3,820	LF	PAINT PAVEMENT MARKING LINES (4")
30	LF	PAINT PAVEMENT MARKING LINES (24")
14	EA	SNOWPLOWABLE PAVEMENT MARKERS
25	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
25	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
37	TON	PAVEMENT REPAIR FOR UTILITY WORK
3	LF	3/4" COPPER WATER PIPE, TYPE K

211	LF	2" PVC WATER PIPE, SDR ***** (SDR 13.5, 315# WP)
1	EA	3/4" CORPORATION STOP
1	EA	***X*** TAPPING SADDLE (2" X 3/4")
392	LF	*** PVC SEWER PIPE, SDR ** (10", SDR 21)
30	LF	*** PVC SEWER PIPE, SDR ** (4", SDR 21)
2	EA	SANITARY SEWER CLEAN-OUT
2	EA	4' DIA PRECAST CONC SEWER MANHOLE 0-6' DEPTH
8	LF	PRECAST CONC MANHOLE WALL, *1 DIA, OVER 6' HT (4')
201	LF	REMOVE ABANDONED *** PIPE (10")
96	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (10", VC SEWER)
103	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (12", DI SEWER)
1	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE
1	EA	GENERIC UTILITY ITEM 4' DIA PRECAST CONCRETE FALSE BOTTOM MANHOLE, 0'-6' DEPTH
1	EA	GENERIC UTILITY ITEM FIRE HYDRANT EXTENSION
37	LF	GENERIC UTILITY ITEM 12" DIA RIGID RESTAINED JOINT SEWER PIPE, PC 350
550	LF	TEMPORARY SILT FENCE
130	TON	STONE FOR EROSION CONTROL, CLASS A
80	TON	STONE FOR EROSION CONTROL, CLASS B
100	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	SAFETY FENCE
185	CY	SILT EXCAVATION
145	SY	MATTING FOR EROSION CONTROL
70	SY	PERMANENT SOIL REINFORCEMENT MAT
3	EA	SPECIAL STILLING BASINS
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
555	LF	IMPERVIOUS DIKE
2	HR	SPECIALIZED HAND MOWING
8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+41.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (10+41.00 -L-)
83	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
126.6	CY	CLASS A CONCRETE (CULVERT)
19,070	LB	REINFORCING STEEL (CULVERT)

