



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. *R.A. 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.



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:

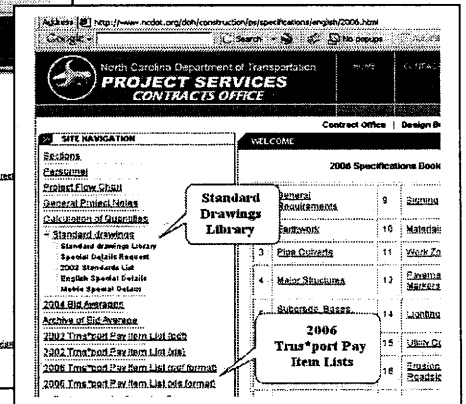
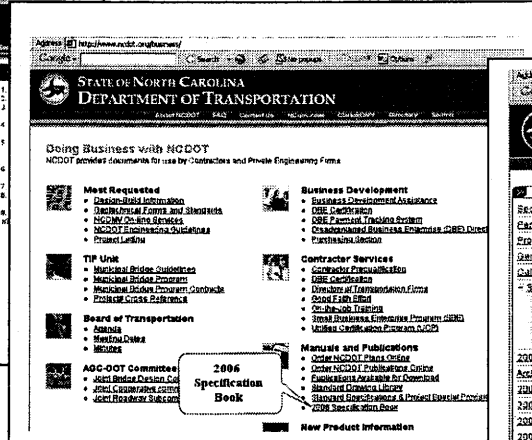
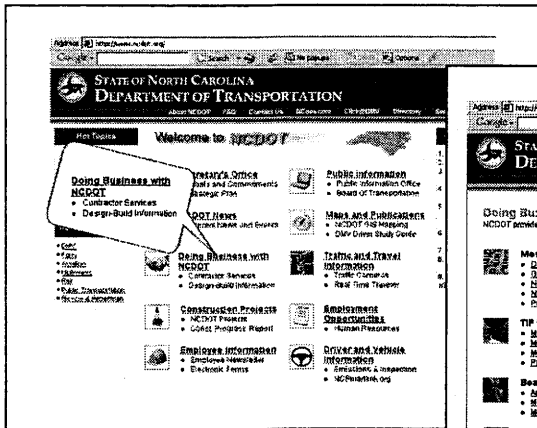
2006 Standard Specifications, Roadway Standard
Drawings, and Trns*port Pay Item List

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 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

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LYNDO TIPPETT
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 MARCH 21, 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. AN ORIGINAL PROPERLY EXECUTED NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION SHALL BE ON FILE IN THE CONTRACT OFFICE FROM EACH PROSPECTIVE BIDDER PRIOR TO SUBMITTING AN ELECTRONIC BID. FORMS ARE AVAILABLE AT
<http://www.ncdot.org/doh/construction/ps/contracts/letting.html>

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>

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).

STATE PRIVILEGE LICENSE TAXES: CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

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 MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO 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 FEBRUARY 21, 2006.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

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 L060321

RPN	Contract Id	WBS	County	Length	JobType
001	C201484	33568.3.1	DUPLIN, PENDER	0.170 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
002	C201470	33187.3.2	EDGEcombe	0.177 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C201572	4CR.10511.6 ETC.	JOHNSTON, WAYNE	58.290 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
004	C201575	5CR.10321.4 ETC.	DURHAM	23.420 MI	SHOULDER RECONSTRUCTION, RESURFACING & PAVEMENT MARKINGS.
005	C201574	5CR.10731.4 ETC.	PERSON	15.710 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
006	C201573	36996 ETC.	WAKE	45.100 MI	SHOULDER RECONSTRUCTION, RESURFACING & PVMT MARKINGS.
007	C201552	31339 ETC.	BLADEN, CUMBERLAND	10.190 MI	WIDENING, DRAINAGE, RESURFACING, & PAVEMENT MARKINGS.
008	C201563	37854	UNION	6.250 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
009	C201399	33375.3.1	ALLEGHANY	0.166 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C201571	33261.3.1	ASHE	0.065 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
011	C201442	33405.3.1	BURKE	0.193 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060321 001

CONTRACT ID : C201484 33568.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.170 MI

COUNTY : DUPLIN, PENDER

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER DOCTOR'S CREEK AND APPROACHES ON SR-1305 IN PENDER COUNTY & SR-1155 IN DUPLIN COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+92.00-L-)			
	1	ACR	SUPPLEMENTARY CLEARING & GRUBBING		
	600	CY	UNDERCUT EXCAVATION		
Lump Sum	LS	GRADING			
	2,100	CY	BORROW EXCAVATION		
	500	CY	SELECT GRANULAR MATERIAL		
	500	SY	FABRIC FOR SOIL STABILIZATION		
	10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		
	92	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		
	8	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		
	588	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
	330	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		
	48	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
	25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
	22	CY	SUBDRAIN EXCAVATION		
	17	CY	SUBDRAIN FINE AGGREGATE		
	100	LF	6" PERFORATED SUBDRAIN PIPE		
	3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS		
	1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET		
	6	LF	6" OUTLET PIPE (SUBDRAINS)		
	4	EA	MASONRY DRAINAGE STRUCTURES		
	4	EA	FRAME WITH TWO GRATES, STD 840.29		
	575	LF	SHOULDER BERM GUTTER		
	637.5	LF	STEEL BM GUARDRAIL		
	5	EA	ADDITIONAL GUARDRAIL POSTS		
	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III		
	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350		
	15	TON	PLAIN RIP RAP, CLASS B		
	262	SY	FILTER FABRIC FOR DRAINAGE		
	192	SF	WORK ZONE SIGNS (STATIONARY)		
	69	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)		
	4	EA	WARNING FLAG SETS		
	20	EA	DRUMS		
	20	EA	CONES		
	96	LF	BARRICADES (TYPE III)		
	7,200	LF	PAINT PAVEMENT MARKING LINES (4")		
	12	EA	PERMANENT RAISED PAVEMENT MARKERS		
	730	LF	TEMPORARY SILT FENCE		
	50	TON	STONE FOR EROSION CONTROL, CLASS A		
	90	TON	STONE FOR EROSION CONTROL, CLASS B		
	45	TON	SEDIMENT CONTROL STONE		
	2	ACR	TEMPORARY MULCHING		
	100	LB	SEED FOR TEMPORARY SEEDING		
	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING		
	120	LF	TEMPORARY SLOPE DRAINS		
	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS		
	500	LF	SAFETY FENCE		
	95	CY	SILT EXCAVATION		
	135	SY	MATTING FOR EROSION CONTROL		
	80	LF	1/4" HARDWARE CLOTH		
	125	SY	FLOATING TURBIDITY CURTAIN		
	2	ACR	SEEDING & MULCHING		
	1	ACR	MOWING		

	50	LB	SEED FOR REPAIR SEEDING
	0.25	TON	FERTILIZER FOR REPAIR SEEDING
	50	LB	SEED FOR SUPPLEMENTAL SEEDING
	1.25	TON	FERTILIZER TOPDRESSING
	2	HR	SPECIALIZED HAND MOWING
	8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+62.50-L-)	
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+62.50-L)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+62.50-L)	
	490	LF	HP12X53 STEEL PILES
	543	LF	HP14X73 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (17+62.50-L)	
	372	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE	
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE	
	800	DOL	CONTRACT TIME

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L060321 002****CONTRACT ID : C201470 33187.3.2****DIV OFFICE WILSON****LENGTH = 0.177 MI****COUNTY : EDGECOMBE****GRADING, DRAINAGE, PAVING & STRUCTURE.****DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS****BRIDGE OVER COKEY SWAMP AND APPROACHES ON SR-1223.****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 ***** (17+59.40 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+59.40 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+59.40 -L-)
440	LF	HP12X53 STEEL PILES
360	LF	PP 18 X 0.50 STEEL PILES
158	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE
1	EA	GENERIC STRUCTURE ITEM PDA ASSISTANCE
1	EA	GENERIC STRUCTURE ITEM PDA TESTING
500	DOL	CONTRACT TIME

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060321 003

CONTRACT ID : C201572 4CR.10511.6

DIV OFFICE WILSON

LENGTH = 58.290 MI

COUNTY : JOHNSTON, WAYNE

MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : DEC 01 2006

VARIOUS SECTS OF US-70, 13, 117ALT, 70 BUS, 701, 70A, NC-96, 39, 111, 222, & 581 AND 44 SECTS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,450	TON	INCIDENTAL STONE BASE
51,814	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,500	SY	INCIDENTAL MILLING
30,931	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
7,922	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
24,120	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,417	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
476	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
63	EA	ADJUSTMENT OF MANHOLES
46	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
412,832	LF	PAINT PAVEMENT MARKING LINES (4")
8,000	LF	PAINT PAVEMENT MARKING LINES (6")
150	LF	PAINT PAVEMENT MARKING LINES (8")
200	LF	PAINT PAVEMENT MARKING LINES (12")
540	LF	PAINT PAVEMENT MARKING LINES (16")
1,535	LF	PAINT PAVEMENT MARKING LINES (24")
30	EA	PAINT PAVEMENT MARKING CHARAC- TER
330	EA	PAINT PAVEMENT MARKING SYMBOL
6,500	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060321 004

CONTRACT ID : C201575 5CR.10321.4

DIV OFFICE DURHAM

LENGTH = 23.420 MI

COUNTY : DURHAM

SHOULDER RECONSTRUCTION, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

1 SECTION OF US-70 BUSINESS & 27 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,072	TON	INCIDENTAL STONE BASE
37.66	SMI	SHOULDER RECONSTRUCTION
9,190	SY	INCIDENTAL MILLING
25,706	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,068	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,740	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
6,569	TON	PATCHING EXISTING PAVEMENT
102	EA	ADJUSTMENT OF MANHOLES
79	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
209,282	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
224,627	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
720	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
43	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
86	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
21,190	LF	PAINT PAVEMENT MARKING LINES (4")
50	LF	PAINT PAVEMENT MARKING LINES (8")
2,840	EA	PERMANENT RAISED PAVEMENT MARKERS
32.88	ACR	SEEDING & MULCHING
9,100	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060321 005

CONTRACT ID : C201574 5CR.10731.4

DIV OFFICE DURHAM

LENGTH = 15.710 MI

COUNTY : PERSON

MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

1 SECTION OF US-501, 2 SECTIONS OF NC-49, & 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
628	TON	INCIDENTAL STONE BASE
31.42	SMI	SHOULDER RECONSTRUCTION
43,085	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
12,178	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
7,400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
731	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
443	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
169,040	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
157,978	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
32,314	LF	PAINT PAVEMENT MARKING LINES (4")
1,037	EA	PERMANENT RAISED PAVEMENT MARKERS
23.57	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060321 006

CONTRACT ID : C201573 36996

DIV OFFICE DURHAM

LENGTH = 45.100 MI

COUNTY : WAKE

SHOULDER RECONSTRUCTION, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

1 SECTION OF US-1A, 1 SECTION OF NC-50, 1 SECTION OF NC-98 & 20 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
384	TON	INCIDENTAL STONE BASE
74.62	SMI	SHOULDER RECONSTRUCTION
520	SY	INCIDENTAL MILLING
11,360	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
56,952	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,905	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4,720	TON	PATCHING EXISTING PAVEMENT
23	EA	ADJUSTMENT OF MANHOLES
31	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
397,460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
279,401	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
306	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
514	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
683	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
207	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,223	EA	PERMANENT RAISED PAVEMENT MARKERS
53.5	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060321 007

CONTRACT ID : C201552 31339

DIV OFFICE FAYETTEVILLE

LENGTH = 10.190 MI

COUNTY : BLADEN, CUMBERLAND

WIDENING, DRAINAGE, RESURFACING, & PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : AUG 10 2007

3 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
250	CY	UNDERCUT EXCAVATION
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
60	LF	15" RC PIPE CULVERTS, CLASS III
272	LF	18" RC PIPE CULVERTS, CLASS III
180	LF	PIPE REMOVAL
14,000	LB	SEALING EXISTING PAVEMENT CRACKS
280	TON	INCIDENTAL STONE BASE
19.37	SMI	SHOULDER RECONSTRUCTION
1,000	LF	DITCHING
400	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 3")
300	SY	INCIDENTAL MILLING
8,550	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
18,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,517	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	PATCHING EXISTING PAVEMENT
1	CY	PIPE COLLARS
350	SY	6" CONCRETE DRIVEWAY
3	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
107,712	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
83,914	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
212	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
755	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
88	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
292	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
36	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
83,702	LF	PAINT PAVEMENT MARKING LINES (4")
967	LF	PAINT PAVEMENT MARKING LINES (8")
88	LF	PAINT PAVEMENT MARKING LINES (16")
292	LF	PAINT PAVEMENT MARKING LINES (24")
16	EA	PAINT PAVEMENT MARKING CHARACTER
36	EA	PAINT PAVEMENT MARKING SYMBOL
1,754	EA	PERMANENT RAISED PAVEMENT MARKERS
800	LF	TEMPORARY SILT FENCE
80	TON	STONE FOR EROSION CONTROL, CLASS B
80	TON	SEDIMENT CONTROL STONE
38.3	ACR	SEEDING & MULCHING
75	LB	SEED FOR REPAIR SEEDING
0.39	TON	FERTILIZER FOR REPAIR SEEDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060321 008

CONTRACT ID : C201563 37854

DIV OFFICE ALBEMARLE

LENGTH = 6.250 MI

COUNTY : UNION

MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 6.0% WBE 6.0% COMPLETION DATE : MAY 18 2007

SR-1004 (LAWYERS RD) FROM US-601 TO THE MECKLENBURG COUNTY LINE.

		ROADWAY ITEMS			
				86	EA 4" TIMBER FENCE POSTS, 7'-6" LONG
				40	EA 5" TIMBER FENCE POSTS, 8'-0" LONG
Lump Sum	LS	MOBILIZATION		50	LF ADDITIONAL BARBED WIRE
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)		413,700	LF PAINT PAVEMENT MARKING LINES (4")
2,000	CY	UNDERCUT EXCAVATION		1,350	LF PAINT PAVEMENT MARKING LINES (8")
Lump Sum	LS	GRADING		969	LF PAINT PAVEMENT MARKING LINES (24")
2,000	CY	BORROW EXCAVATION		42	EA PAINT PAVEMENT MARKING SYMBOL
500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT		12	EA RELOCATE EXISTING WATER METER
400	CY	SELECT GRANULAR MATERIAL		2	EA RELOCATE EXISTING FIRE HYDRANT
1,500	SY	FABRIC FOR SOIL STABILIZATION		5,000	LF TEMPORARY SILT FENCE
316	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		1,400	TON STONE FOR EROSION CONTROL, CLASS B
200	LF	12" RC PIPE CULVERTS, CLASS III		230	TON SEDIMENT CONTROL STONE
2,512	LF	15" RC PIPE CULVERTS, CLASS III		8	ACR TEMPORARY MULCHING
184	LF	18" RC PIPE CULVERTS, CLASS III		2,000	CY SILT EXCAVATION
16	LF	24" RC PIPE CULVERTS, CLASS III		600	SY MATTING FOR EROSION CONTROL
16	LF	30" RC PIPE CULVERTS, CLASS III		24	ACR SEEDING & MULCHING
16	LF	36" RC PIPE CULVERTS, CLASS III			
16	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
8	LF	54" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK			
8	LF	**** X **** BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (72" X 36", 0.109")			
2,350	LF	PIPE REMOVAL			
800	TON	INCIDENTAL STONE BASE			
1,750	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")			
300	SY	INCIDENTAL MILLING			
6,350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
15,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
8,950	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)			
988	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
537	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
1,000	TON	PATCHING EXISTING PAVEMENT			
18	CY	PIPE COLLARS			
2	CY	PIPE PLUGS			
1	EA	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH GRATE, DETAIL 840.***** (840.16)			
3	CY	CONCRETE STEPS			
12	SY	CONCRETE WHEELCHAIR RAMPS			
5	EA	RETROFIT EXISTING WHEELCHAIR RAMPS			
500	SY	6" CONCRETE DRIVEWAY			
50	SY	GENERIC PAVING ITEM INCIDENTAL 4" CONCRETE SIDEWALK			
300	LF	GENERIC PAVING ITEM INCIDENTAL 2'-6" CONCRETE CURB & GUTTER			
2	EA	ADJUSTMENT OF MANHOLES			
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
500	LF	STEEL BM GUARDRAIL			
50	LF	STEEL BM GUARDRAIL, SHOP CURVED			
10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
200	LF	REMOVE EXISTING GUARDRAIL			
1,500	LF	WOVEN WIRE FENCE, 47" FABRIC			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060321 009

CONTRACT ID : C201399 33375.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.166 MI

COUNTY : ALLEGHANY

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2007

BRIDGE OVER CRAB CREEK AND APPROACHES NC-18.

ROADWAY ITEMS				
			200	LF CONCRETE EXPRESSWAY GUTTER
			115	SY 4" CONCRETE PAVED DITCH
			270	LF PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			1	EA IMPACT ATTENUATOR UNIT, TYPE 350
			400	LF STEEL BM GUARDRAIL
			37.5	LF STEEL BM GUARDRAIL, SHOP CURVED
			5	EA ADDITIONAL GUARDRAIL POSTS
			1	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1
			3	EA GUARDRAIL ANCHOR UNITS, TYPE III
			3	EA GUARDRAIL ANCHOR UNITS, TYPE 350
			665	LF REMOVE EXISTING GUARDRAIL
			675	LF TEMPORARY STEEL BM GUARDRAIL
			2	EA GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
			4	EA GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
			1	EA GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			550	LF ** STRAND BARBED WIRE FENCE WITH POSTS (3)
			50	TON PLAIN RIP RAP, CLASS B
			570	SY FILTER FABRIC FOR DRAINAGE
			3	EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			12.5	SF CONTRACTOR FURNISHED, TYPE *** SIGN (E)
			54	LF SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA SIGN ERECTION, TYPE E
			1	EA RELOCATE SIGN, TYPE ***** (E)
			1	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			4	EA DISPOSAL OF SIGN SYSTEM, WOOD
			1	EA DISPOSAL OF SUPPORT, U-CHANNEL
			128	SF WORK ZONE SIGNS (STATIONARY)
			96	SF WORK ZONE SIGNS (PORTABLE)
			52	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
			55	EA DRUMS
			64	LF BARRICADES (TYPE III)
			480	HR FLAGGER
			2	EA TEMPORARY CRASH CUSHIONS
			230	LF PORTABLE CONCRETE BARRIER (ANCHORED)
			80	LF PORTABLE CONCRETE BARRIER (DRAINAGE)
			29	EA TEMPORARY RAISED PAVEMENT MARKERS
			16,576	LF PAINT PAVEMENT MARKING LINES (4")
			4,620	LF POLYUREA PAVEMENT MARKING LINES (4")
			29	EA SNOWPLOWABLE PAVEMENT MARKERS
			900	LF TEMPORARY SILT FENCE
			115	TON STONE FOR EROSION CONTROL, CLASS A
			315	TON STONE FOR EROSION CONTROL, CLASS B
			325	TON SEDIMENT CONTROL STONE
			3.5	ACR TEMPORARY MULCHING
			150	LB SEED FOR TEMPORARY SEEDING
			0.5	TON FERTILIZER FOR TEMPORARY SEEDING
			200	LF TEMPORARY SLOPE DRAINS
			2	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			1,540	LF SAFETY FENCE
			1,180	CY SILT EXCAVATION
			1,200	SY MATTING FOR EROSION CONTROL
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	CONSTRUCTION SURVEYING		
14,400	CY	UNCLASSIFIED EXCAVATION		
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+03.50-L-)		
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING		
100	CY	UNDERCUT EXCAVATION		
Lump Sum	LS	GRADING		
500	TON	CLASS IV SUBGRADE STABILIZATION		
50	CY	DRAINAGE DITCH EXCAVATION		
500	CY	SELECT GRANULAR MATERIAL		
500	SY	FABRIC FOR SOIL STABILIZATION		
1,280	SF	TEMPORARY SHORING		
67	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		
8	LF	12" RC PIPE CULVERTS, CLASS III		
92	LF	15" RC PIPE CULVERTS, CLASS III		
104	LF	18" RC PIPE CULVERTS, CLASS III		
48	LF	24" RC PIPE CULVERTS, CLASS III		
120	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		
192	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		
28	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		
6	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		
6	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		
2	EA	24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		
200	LF	PIPE REMOVAL		
1,100	TON	AGGREGATE BASE COURSE		
50	TON	INCIDENTAL STONE BASE		
270	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
880	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		
74	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
10	EA	RIGHT OF WAY MARKERS		
225	CY	SUBDRAIN EXCAVATION		
170	CY	SUBDRAIN FINE AGGREGATE		
1,000	LF	6" PERFORATED SUBDRAIN PIPE		
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS		
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET		
12	LF	6" OUTLET PIPE (SUBDRAINS)		
1	EA	METAL FUNNELS		
24	LF	12" FUNNEL DRAIN PIPE		
2	EA	12" FUNNEL DRAIN PIPE ELBOWS		
1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE		
1	CY	PIPE PLUGS		
8	EA	MASONRY DRAINAGE STRUCTURES		
1	EA	FRAME WITH GRATE, DETAIL 840.***** (840.16)		
2	EA	FRAME WITH TWO GRATES, STD 840.24		
5	EA	FRAME WITH TWO GRATES, STD 840.29		
15	CY	CONCRETE RETAINING WALLS		
10	LF	SHOULDER BERM GUTTER		

10	SY	PERMANENT SOIL REINFORCEMENT MAT
500	LF	1/4" HARDWARE CLOTH
3	EA	SPECIAL STILLING BASINS
3.5	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
2.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.8	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (17+03.50 -L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+03.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+03.50 -L-)
26.25	LF	3'-0" DIA DRILLED PIERS IN SO IL
15	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
24.75	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+03.50 -L-)
91.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+03.50 -L-)
17,030	LB	REINFORCING STEEL (BRIDGE)
2,226	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
324.52	LF	CONCRETE BARRIER RAIL
145	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
161	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,784.86	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060321 010

CONTRACT ID : C201571 33261.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.065 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2007

BRIDGE OVER BUFFALO CREEK & APPROACHES ON SR-1507.

ROADWAY ITEMS			STRUCTURE ITEMS		
			35	EA	DRUMS
			35	EA	CONES
			36	LF	BARRICADES (TYPE III)
			60	MD	FLAGGER
Lump Sum	LS	MOBILIZATION	2	EA	TEMPORARY CRASH CUSHIONS
Lump Sum	LS	CONSTRUCTION SURVEYING	120	LF	PORTABLE CONCRETE BARRIER
1,300	CY	UNCLASSIFIED EXCAVATION	18	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (10+62.50)	1,746	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1,746	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	CY	UNDERCUT EXCAVATION	12	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS	GRADING	8,256	LF	PAINT PAVEMENT MARKING LINES (4")
250	TON	CLASS IV SUBGRADE STABILIZATION	36	LF	PAINT PAVEMENT MARKING LINES (24")
600	SY	PRE-SPLITTING OF ROCK	1,400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
200	CY	SELECT GRANULAR MATERIAL	22	EA	SNOWPLOWABLE PAVEMENT MARKERS
200	SY	FABRIC FOR SOIL STABILIZATION	600	LF	TEMPORARY SILT FENCE
525	SF	TEMPORARY SHORING	150	TON	STONE FOR EROSION CONTROL, CLASS A
35	GAL	GENERIC GRADING ITEM ADDITIONAL GROUT FOR ROCK BOLT	185	TON	STONE FOR EROSION CONTROL, CLASS B
200	LF	GENERIC GRADING ITEM TYPE I ROCK BOLT	60	TON	SEDIMENT CONTROL STONE
13	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	0.5	ACR	TEMPORARY MULCHING
120	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	50	LB	SEED FOR TEMPORARY SEEDING
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
25	TON	AGGREGATE BASE COURSE	300	LF	SAFETY FENCE
30	TON	INCIDENTAL STONE BASE	410	CY	SILT EXCAVATION
130	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	625	SY	MATTING FOR EROSION CONTROL
255	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	25	LF	1/4" HARDWARE CLOTH
90	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	0.5	ACR	SEEDING & MULCHING
27	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	0.5	ACR	MOWING
10	EA	RIGHT OF WAY MARKERS	50	LB	SEED FOR REPAIR SEEDING
45	CY	SUBDRAIN EXCAVATION	0.25	TON	FERTILIZER FOR REPAIR SEEDING
35	CY	SUBDRAIN FINE AGGREGATE	50	LB	SEED FOR SUPPLEMENTAL SEEDING
200	LF	6" PERFORATED SUBDRAIN PIPE	0.25	TON	FERTILIZER TOPDRESSING
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	0.5	HR	SPECIALIZED HAND MOWING
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	8	EA	RESPONSE FOR EROSION CONTROL
6	LF	6" OUTLET PIPE (SUBDRAINS)	0.1	ACR	REFORESTATION
2	EA	MASONRY DRAINAGE STRUCTURES	35	SY	FILTER FABRIC FOR DRAINAGE
2	EA	FRAME WITH GRATE, STD 840.29			
100	LF	SHOULDER BERM GUTTER			
175	LF	STEEL BM GUARDRAIL			
50	LF	STEEL BM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (SPECIAL)			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
250	LF	REMOVE EXISTING GUARDRAIL			
25	TON	PLAIN RIP RAP, CLASS II			
300	SY	FILTER FABRIC FOR DRAINAGE			
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
12.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
27	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
2	EA	SIGN ERECTION, TYPE E			
8	EA	DISPOSAL OF SIGN SYSTEM, WOOD			
244	SF	WORK ZONE SIGNS (STATIONARY)			
208	SF	WORK ZONE SIGNS (PORTABLE)			
26	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	WARNING FLAG SETS			
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (10+63.50 -L-)
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+63.50 -L-)
			21	LF	3'-6" DIA DRILLED PIERS IN SOIL
			58.75	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
			4	EA	SID INSPECTION
			2	EA	CROSSHOLE SONIC LOGGING
			2,339	SF	REINFORCED CONCRETE DECK SLAB
			2,521	SF	GROOVING BRIDGE FLOORS
			104.6	CY	CLASS A CONCRETE (BRIDGE)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (10+63.50 -L-)
			25,978	LB	REINFORCING STEEL (BRIDGE)
			3,159	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
			52,480	LS	APPROX LBS STRUCTURAL STEEL
			133.98	LF	ONE BAR METAL RAIL
			149.69	LF	1'-*X ***** CONCRETE PARAPET (1'-0" X 1'-6")

170	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
189	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

L060321 011

CONTRACT ID : C201442 33405.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.193 MI

COUNTY : BURKE

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : NOV 01 2006

BRIDGE OVER SILVER CREEK AND APPROACHES ON SR-1127.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+12.00)			
	1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING		
	100	CY	UNDERCUT EXCAVATION		
Lump Sum	LS	GRADING			
	500	TON	CLASS IV SUBGRADE STABILIZA- TION		
	1,860	CY	BORROW EXCAVATION		
	500	CY	SELECT GRANULAR MATERIAL		
	500	SY	FABRIC FOR SOIL STABILIZATION		
	9	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS		
	32	LF	15" SIDE DRAIN PIPE		
	40	LF	18" SIDE DRAIN PIPE		
	50	TON	INCIDENTAL STONE BASE		
	420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
	305	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		
	38	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		
	40	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
	14	EA	RIGHT OF WAY MARKERS		
	225	CY	SUBDRAIN EXCAVATION		
	170	CY	SUBDRAIN FINE AGGREGATE		
	1,000	LF	6" PERFORATED SUBDRAIN PIPE		
	30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS		
	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET		
	12	LF	6" OUTLET PIPE (SUBDRAINS)		
	8	LF	12" FUNNEL DRAIN PIPE		
	1	EA	12" FUNNEL DRAIN PIPE ELBOWS		
	31	LF	SHOULDER BERM GUTTER		
	425	LF	STEEL BM GUARDRAIL		
	62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED		
	5	EA	ADDITIONAL GUARDRAIL POSTS		
	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1		
	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III		
	5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350		
	2	TON	PLAIN RIP RAP, CLASS B		
	255	SY	FILTER FABRIC FOR DRAINAGE		
	52	SF	WORK ZONE SIGNS (STATIONARY)		
	180	SF	WORK ZONE SIGNS (PORTABLE)		
	20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)		
	25	EA	DRUMS		
	25	EA	CONES		
	50	LF	BARRICADES (TYPE III)		
	240	HR	FLAGGER		
	1	EA	TEMPORARY CRASH CUSHIONS		
	1	EA	RESET TEMPORARY CRASH CUSHIONS		
	200	LF	PORTABLE CONCRETE BARRIER (ANCHORED)		
	14,400	LF	PAINT PAVEMENT MARKING LINES (4")		
	900	LF	TEMPORARY SILT FENCE		
	75	TON	STONE FOR EROSION CONTROL, CLASS A		
	150	TON	STONE FOR EROSION CONTROL, CLASS B		
	100	TON	SEDIMENT CONTROL STONE		
	1	ACR	TEMPORARY MULCHING		
	50	LB	SEED FOR TEMPORARY SEEDING		
	0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING		
	230	LF	SAFETY FENCE		

580	CY	SILT EXCAVATION			
510	SY	MATTING FOR EROSION CONTROL			
20	LF	1/4" HARDWARE CLOTH			
2	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			
2	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+12.00 -L-)			
	91.9	LF	3'-0" DIA DRILLED PIERS IN SO IL		
	15	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL		
	43.9	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER		
	1	EA	SID INSPECTION		
	1	EA	CROSSHOLE SONIC LOGGING		
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+12.00-L-)			
	58.1	CY	CLASS A CONCRETE (BRIDGE)		
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+12.00 -L-)			
	15,172	LB	REINFORCING STEEL (BRIDGE)		
	1,969	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)		
	470	LF	HP12X53 STEEL PILES		
	18	EA	STEEL PILE POINTS		
	219.8	LF	ONE BAR METAL RAIL		
	235.3	LF	1'-**X ***** CONCRETE PARA- PET (1'-0" x 1'-8 1/2")		
	161	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)		
	179	SY	FILTER FABRIC FOR DRAINAGE		
Lump Sum	LS	ELASTOMERIC BEARINGS			
	504.02	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS		
	1,024.02	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS		

