

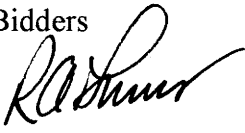


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

February 20, 2007

NOTICE TO: All Prospective Bidders
FROM: R.A. Garris, P.E. 
Contract Officer
Re: Disadvantaged Business Enterprise (DBE) Provision

Beginning with the March 20, 2007 letting, the project special provision titled **"DISADVANTAGED BUSINESS ENTERPRISE"** is being revised for all contracts utilizing Federal funds.

The Contractor's attention is directed to the fact that one of the changes requires additional information to be submitted to the Department prior to the award of a contract.

As such, this new requirement under section titled **Listing of DBE Subcontractors**, paragraph (C) requires the apparent lowest responsive bidder to submit written documentation of the bidder/offeror's commitment to use a DBE subcontractor whose participation it submits to meet a contract goal and written confirmation from each DBE, listed in the proposal, indicating their participation in the contract. This documentation will be submitted on the Department's form titled **"Letter of Intent to Perform as a Subcontractor"** and shall be received in the office of the State Contractor Utilization Engineer no later than 12:00 noon of the sixth day following opening of bids.

Attached for your convenience is a copy of the project special provision titled "Disadvantaged Business Enterprise" and a copy of the form titled "Letter of Intent to Perform as a Subcontractor".

The form "Letter of Intent to Perform as a Subcontractor" is located at the following link. <http://www.ncdot.org/doh/preconstruct/ps/contracts/letting.html>

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

DISADVANTAGED BUSINESS ENTERPRISE:

3-20-07

SP1 G61

Policy

It is the policy of the North Carolina Department of Transportation that Disadvantaged Business Enterprises (DBEs) as defined in *49 CFR Part 26* shall have the opportunity to participate in the performance of contracts financed in whole or in part by Federal Funds in order to create a level playing field on which DBEs can compete fairly.

Obligation

The Contractor, subcontractor, and sub-recipient shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of *49 CFR Part 26* in the award and administration of federally assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Department deems necessary.

Definitions

Commitment - The DBE participation submitted by the prime contractor during the bidding process. Once the Department accepts the commitment, the commitment becomes the contract requirement.

Committed DBE - Any DBE listed on the DBE commitment list at the time of bid submission or any DBE utilized as a replacement for a DBE firm listed on the commitment list.

Department - North Carolina Department of Transportation

Disadvantaged Business Enterprise (DBE) – A firm certified through the North Carolina Unified Certification Program in accordance with *49 CFR Part 26*.

Goal - The DBE participation specified herein.

Manufacturer - a firm that operates or maintains a factory or establishment that produces on the premises the materials or supplies obtained by the Contractor.

Regular Dealer - A firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials or supplies required for the performance of the contract are bought, kept in stock, and regularly sold to the public in the usual course of business. A regular dealer engages in, as its principal business and in its own name, the purchase and sale or lease of the products in question. A regular dealer in such bulk items as steel, cement, gravel, stone, and petroleum products need not keep such products in stock, if it owns or operates distribution equipment. Brokers and packagers are not regarded as manufacturers or regular dealers within the meaning of this section.

North Carolina Unified Certification Program - A program that provides one-stop shopping to applicants for certification, such that an applicant is required to apply only once for a DBE certification that will be honored by all recipients of USDOT funds in the state.

USDOT - United States Department of Transportation, including the Office of the Secretary, the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), and the Federal Aviation Administration (FAA).

Goal

The following goal for participation by Disadvantaged Business Enterprises is established for this contract:

Disadvantaged Business Enterprises **(number) %**

The Contractor shall exercise all necessary and reasonable steps to ensure that Disadvantaged Business Enterprises participate in at least the percent of the contract as set forth above as the goal.

Listing of DBE Subcontractors

(A) Bidders shall submit a listing of DBE participation in the appropriate section of Expedite, the bidding software of Bid Express®. Only those DBE firms with current certification are considered acceptable for listing in the bidder's submittal of DBE participation. The Contractor shall indicate the following required information:

- (1) The names and addresses of DBE firms committed to participate in the contract. In the event the Bidder uses the updated listing of DBE firms shown in Expedite, the Bidder may use the dropdown menu to access the name and address of the DBE firm.
- (2) The contract line numbers of work to be performed by each DBE firm;
When no figures or firms are entered, the bidder will be considered to have no DBE participation.

(B) If the DBE participation submitted in the bid by the apparent lowest responsive bidder does not meet or exceed the DBE contract goal, the apparent lowest responsive bidder shall submit to the Department documentation of its good faith efforts made to reach the contract goal. One complete set and 9 copies of this information shall be received in the office of the State Contractor Utilization Engineer no later than 12:00 noon of the sixth day following opening of bids. Where the information submitted includes repetitious solicitation letters it will be acceptable to submit a representative letter along with a distribution list of the firms that were solicited. Documentation of DBE quotations shall be a part of the good faith effort submittal as necessary to demonstrate compliance with the factors listed below which the Department considers in judging good faith efforts. This documentation may include written subcontractor quotations, telephone log notations of verbal quotations, or other types of quotation documentation.

The following factors are used to determine if the bidder has made adequate good faith effort:

- (1) Whether the bidder attended any pre-bid meetings that were scheduled by the Department to inform DBEs of subcontracting opportunities.
- (2) Whether the bidder provided solicitations through all reasonable and available means (e.g. advertising in newspapers owned and targeted to the Disadvantaged)

at least 10 days prior to bid opening. Whether the bidder provided written notice to all DBEs listed in the NCDOT Directory of Transportation Firms, within the Divisions and surrounding Divisions where the project is located, that specialize in the areas of work (as noted in the DBE Directory) that the bidder will be subletting.

- (3) Whether the bidder followed up initial solicitations of interests by contacting DBEs to determine with certainty whether they were interested. If a reasonable amount of DBEs within the targeted Divisions do not provide an intent to quote or no DBEs specialize in the subcontracted areas, the bidder shall notify DBEs outside of the targeted Divisions that specialize in the subcontracted areas, as well as call the Contract Compliance Manager in the Office of Civil Rights to give notification of the bidder's inability to get DBE quotes.
- (4) Whether the bidder selected portions of the work to be performed by DBEs in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the Bidder might otherwise perform these work items with its own forces.
- (5) Whether the bidder provided interested DBEs with adequate and timely information about the plans, specifications and requirements of the contract.
- (6) Whether the bidder negotiated in good faith with interested DBEs not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.
- (7) Whether quotations were received from interested DBE firms but rejected as unacceptable without sound reasons why the quotations were considered unacceptable. The fact that the DBE firms quotation for the work is not the lowest quotation received will not in itself be considered as a sound reason for rejecting the quotation as unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered as sound reason for rejecting a DBE quote. Nothing in this provision shall be construed to require the Bidder to accept unreasonable quotes in order to satisfy contract goals.
- (8) Whether the bidder specifically negotiated with subcontractors to assume part of the responsibility to meet the contract DBE goal when the work to be sublet includes potential for DBE participation.
- (9) Whether the bidder made any efforts and/or offered assistance to interested DBEs in obtaining the necessary equipment, supplies, materials, insurance, and/or bonding to satisfy the work requirements in the bid proposal.
- (10) Any other evidence that the bidder submits which show that the bidder has made reasonable good faith efforts to meet the contract goal.

In the event a bidder is the apparent lowest responsive bidder on more than one project within the same letting located in the same geographic area of the state, as a part of the

good faith effort the Department will consider allowing the bidder to combine the DBE participation as long as the overall goal value of the combined projects is achieved.

- (C) The bidder will be required to submit written documentation of the bidder/offeror's commitment to use a DBE subcontractor whose participation it submits to meet a contract goal and written confirmation from each DBE, listed in the proposal, indicating their participation in the contract. This documentation will be submitted on the Department's form titled "Letter of Intent to Perform as a Subcontractor" and shall be received in the office of the State Contractor Utilization Engineer no later than 12:00 noon of the sixth day following opening of bids.

If the bidder fails to submit written confirmation from each committed DBE, listed in the proposal, indicating their participation in the contract, the bidder shall submit information to satisfy the Department that sufficient good faith efforts have been made to meet the contract goals. The following factors are used to determine if the bidder has made adequate good faith effort to obtain written confirmation from committed DBEs indicating their participation in the contract:

- (1) Whether the apparent lowest responsive bidder, within 30 hours following bid opening, provided each DBE listed in the proposal written notification that it is participating in the contract and attaching the required forms for execution,
- (2) Whether the bidder, within 48 hours following bid opening, followed up initial notification by contacting each DBE to confirm receipt of the written documentation and to confirm the firms intent to execute and return the forms,
- (3) Whether the bidder provided each DBE with adequate and timely information about the forms,
- (4) Copies of written quotations received from each DBE listed in the proposal for which written confirmation from DBE indicating their participation in the contract is not provided and
- (5) Any other evidence that the bidder submits which show that the bidder has made reasonable good faith efforts to obtain written confirmation from DBEs indicating their participation in the contract.
- (6) If the participation supported by Letters of Intent to Perform as a Subcontractor does not meet or exceed the contract goal the bidder shall submit the information documenting good faith in accordance with item (B) of this section.

- (D) Where the bidder fails to provide the required information in the required timeframe, the Department may impose one or more of the following sanctions:

- (1) disqualify the Contractor and any affiliated companies from further bidding for a period of time of no more than 90 days from the date of disqualification as established in notification by certified mail,
- (2) disqualify the Contractor and any affiliated companies from award of all contracts for which bids have been received and opened,
- (3) disqualify the Contractor from the contract in question.

- (E) When the apparent lowest responsive bidder fails to submit sufficient participation by DBE firms to meet the contract goal and upon a determination by the Goal Compliance Committee based upon the information submitted that the apparent lowest responsive bidder failed to make sufficient reasonable efforts to meet the contract goal, the bidder will be offered the opportunity to meet in person for administrative reconsideration. A committee appointed by the Department will hear administrative reconsideration. Members of this committee will be officials that did not take part in the original determination by the Goal Compliance Committee. The bidder will have the opportunity to present written documentation or argument concerning the issue of whether it met the goal or made an adequate good faith effort. The bidder will receive a written decision on the reconsideration, including the basis for finding. The result of the reconsideration process will not be administratively appealable to the USDOT.

In the event that the Department does not award the contract to the apparent lowest responsive bidder, the Department reserves the right to award the contract to the next lowest responsive bidder that submits participation to meet the contract goal or documents that adequate good faith efforts have been made to meet the goal.

Directory of Transportation Firms

Real-time information about firms doing business with the Department and firms that are certified through North Carolina's Unified Certification Program is available in the Directory of Transportation Firms. The Directory can be accessed by the link on the Department's homepage or by entering <http://apps.dot.state.nc.us/vendor/directory> in the address bar of your web browser.

The Directory allows the display to be customized and the firms listed to be filtered by attributes, including work types, certification type and desired work area. The list can be printed or downloaded as a Microsoft Excel file. Firms identified as DBE certified in the Directory can be utilized to meet the contract goals.

The listing of an individual firm in the Department's directory shall not be construed as an endorsement of the firm's capability to perform certain work.

Replacement of DBE

The Contractor shall not terminate a committed DBE subcontractor for convenience or perform the work with its own forces or those of an affiliate. If the Contractor fails to demonstrate reasonable efforts to replace a committed DBE firm that does not perform as intended or completes the work with its own forces without the Engineer's approval, the Contractor may be disqualified from further bidding for a period of up to 6 months.

The Contractor shall comply with the following for replacement of committed DBE.

(A) Performance Related

When a DBE is terminated or fails to complete its work on the contract for any reason, the Contractor shall take all necessary, reasonable steps to replace the DBE subcontractor with another DBE subcontractor to perform at least the same amount of work as the DBE that was terminated. The Contractor is encouraged to first attempt to find another DBE firm to do the same work as the DBE that was being terminated.

To demonstrate necessary, reasonable good faith efforts, the Contractor shall document the steps he has taken to replace any DBE subcontractor who is unable to perform successfully with another DBE subcontractor. Such documentation shall include but not be limited to the following:

- (1) Copies of written notification to DBEs that their interest is solicited in subcontracting the work defaulted by the previous DBE subcontractor or in subcontracting other items of work in the contract.
- (2) Efforts to negotiate with DBEs for specific subbids including, at a minimum:
 - (a) The names, addresses, and telephone numbers of DBEs who were contacted.
 - (b) A description of the information provided to DBEs regarding the plans and specifications for portions of the work to be performed.
- (3) For each DBE contacted but rejected as unqualified, the reasons for the Contractor's conclusion.
- (4) Efforts made to assist the DBEs contacted, if needed, in obtaining bonding or insurance required by the Contractor.

(B) Decertification

- (1) When a committed DBE is decertified by the Department after a Request for Subcontract has been received by the Department, the Department will not require the Prime Contractor to solicit replacement DBE participation equal to the remaining work to be performed by the decertified firm. The participation equal to the remaining work performed by the decertified firm will count toward the contract commitment.
- (2) When a committed DBE is decertified prior to the Department receiving a Request for Subcontract for the named DBE firm, the Prime Contractor shall take all necessary and reasonable steps to replace the DBE subcontractor with another DBE subcontractor to perform at least the same amount of work to meet the contract goal or demonstrate that it has made a good faith effort to do so.

Changes in the Work

When the Engineer makes changes that result in the reduction or elimination of work to be performed by a committed DBE, the Contractor will not be required to seek additional participation. When the Engineer makes changes that result in additional work to be performed by a DBE based upon the Contractor's commitment, the DBE shall participate in additional work to the same extent as the DBE participated in the original contract work.

When the Engineer makes changes that result in extra work, which has more than a minimal impact on the contract amount, the Contractor shall seek additional participation by DBEs unless otherwise approved by the Engineer.

When the Engineer makes changes that result in an alteration of plans or details of construction and a portion or all of work had been expected to be performed by a committed DBE; the Contractor shall seek participation by DBEs unless otherwise approved by the Engineer.

When the Contractor requests changes in the work that result in the reduction or elimination of work that the Contractor committed to be performed by a DBE, the Contractor shall seek additional participation by DBEs equal to the reduced DBE participation caused by the changes.

Counting DBE Participation Toward Meeting the DBE Goal

- (A) If a firm is determined to be an eligible DBE firm, the total dollar value of the participation by the DBE will be counted toward the contract commitment. The total dollar value of participation by a certified DBE will be based upon the value of work actually performed by the DBE and the actual payments to DBE firms by the Contractor.
- (B) When a DBE performs as a participant in a joint venture, the Contractor may count toward its DBE goal a portion of the total value of participation with the DBE in the joint venture, that portion of the total dollar value being a distinct clearly defined portion of work that the DBE performs with its forces.
- (C)
 - (1) The Contractor may count toward its DBE goal only expenditures to DBEs that perform a commercially useful function in the work of a contract. A DBE is considered to perform a commercially useful function when it is responsible for execution of a distinct element of the work of a contract and carrying out its responsibilities by actually performing, managing, and supervising the work involved. To determine whether a DBE is performing a commercially useful function, the Department will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors.
 - (2) Consistent with normal industry practices, a DBE may enter into subcontracts. Work that a DBE subcontracts to another DBE firm may be counted toward the contract goal. Work that a DBE subcontracts to a non-DBE firm does not count toward the contract goal. If a DBE Contractor or subcontractor subcontracts a significantly greater portion of the work of the contract than would be expected on the basis of normal industry practices, the DBE shall be presumed not to be performing a commercially useful function. The DBE may present evidence to rebut this presumption to the Department for commercially useful functions. The Department's decision on the rebuttal of this presumption is subject to review by the Federal Highway Administration but is not administratively appealable to USDOT.
 - (3) The following factors will be used to determine if a DBE trucking firm is performing a commercially useful function.
 - (a) The DBE shall be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract, and there cannot be a contrived arrangement for the purpose of meeting DBE goals.
 - (b) The DBE shall itself own and operate at least one fully licensed, insured, and operational truck used on the contract.

- (c) The DBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers it employs.
 - (d) The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract.
 - (e) The DBE may also lease trucks from a non-DBE firm, including from an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit for the total value of transportation services provided by non-DBE lessees not to exceed the value of transportation services provided by DBE-owned trucks on the contract. Additional participation by non-DBE lessees receives credit only for the fee or commission it receives as a result of the lease arrangement.
 - (f) For purposes of this paragraph, a lease shall indicate that the DBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck. Leased trucks shall display the name and identification number of the DBE.
- (D) A contractor may count toward its DBE goal 60 percent of its expenditures for materials and supplies required to complete the contract and obtained from DBE regular dealer and 100 percent of such expenditures to a DBE manufacturer.
- (E) A contractor may count toward its DBE goal the following expenditures to DBE firms that are not manufacturers or regular dealers:
- (1) The fees or commissions charged by a DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of a DOT-assisted contract, provided the fees or commissions are determined to be reasonable and not excessive as compared with fees and commissions customarily allowed for similar services.
 - (2) The fees or commissions charged for assistance in the procurement of the materials and supplies, or for transportation charges for the delivery of materials or supplies required on a job site (but not the cost of the materials and supplies themselves), provided the fees are not from a manufacturer or regular dealer and provided the fees are determined to be reasonable and not excessive as compared with fees customarily allowed for similar services.

Reports

All requests for subcontracts involving DBE subcontractors shall be accompanied by a certification executed by both the Prime Contractor and the DBE subcontractor attesting to the agreed upon unit prices and extensions for the affected contract items. This information shall be supplied on the Department Form RS-1-D unless otherwise approved by the Engineer. In any event, the Department reserves the right to require copies of actual subcontract agreements involving DBE subcontractors.

Within 30 days of entering into an agreement with a DBE for materials, supplies or services, not otherwise documented by a Request for Subcontract as specified above, the Contractor shall furnish the Engineer a copy of the agreement. The documentation should also indicate the percentage (60% or 100%) of expenditures claimed for DBE credit.

All certifications will be considered a part of the project records, and consequently will be subject to penalties under Federal Law associated with falsifications of records related to projects.

Reporting Disadvantaged Business Enterprise Participation

The Contractor shall provide the Engineer with an accounting of payments made to Disadvantaged Business Enterprise firms, including material suppliers, contractors at all levels (prime, subcontractor, or second tier subcontractor). This accounting shall be furnished to the Engineer for any given month by the end of the following month. Failure to submit this information accordingly may result in (1) withholding of money due in the next partial pay estimate; or (2) removal of an approved contractor from the prequalified bidders list or the removal of other entities from the approved subcontractors list.

The Contractor shall report the accounting of payments through the Department's DBE Payment Tracking System, which is a web based application. The system can be accessed through the following web link: <https://apps.dot.state.nc.us/Vendor/PaymentTracking/>. The Contractor shall also provide the Engineer an affidavit attesting the accuracy of the information submitted in the Payment Tracking System. This too shall be submitted for any given month by the end of the following month.

Contractors reporting transportation services provided by non-DBE lessees in accordance with item (C)(3)(e) above shall evaluate the value of services provided during the month of the reporting period only.

Prior to payment of the final estimate, the Contractor shall furnish an accounting of total payment to each DBE. A responsible fiscal officer of the payee contractor, subcontractor, or second tier subcontractor who can attest to the date and amounts of the payments shall certify that the accounting is correct

While each contractor (prime, subcontractor, 2nd tier subcontractor) is responsible for accurate accounting of payments to DBEs, it shall be the prime contractors responsibility to report all monthly and final payment information in the Tracking System.

Failure on the part of the Contractor to submit the required information in the time frame specified may result in the disqualification of that contractor and any affiliate companies from further bidding until the required information is submitted.

Failure on the part of any subcontractor to submit the required information in the time frame specified may result in the disqualification of that contractor and any affiliate companies from working on any DOT project until the required information is submitted.



LETTER OF INTENT TO PERFORM AS A SUBCONTRACTOR

CONTRACT:	NAME OF BIDDER:
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The undersigned intends to perform work in connection with the above contract upon execution of the bid and subsequent award of contract by the Board of Transportation as:

Name of MBE/WBE/DBE Subcontractor _____

Address _____

City _____ State _____ Zip _____

Please check all that apply:

Minority Business Enterprise (MBE) _____

Women Business Enterprise (WBE) _____

Disadvantaged Business Enterprise (DBE) _____

The MBE /WBE /DBE status of the above named subcontractor is certified by the North Carolina Department of Transportation. The above named subcontractor is prepared to perform the described work listed on the attached MBE/WBE/DBE Commitment Items sheet, in connection with the above contract upon execution of the bid and subsequent award of contract by the Board of Transportation. The above named subcontractor is prepared to perform the described work at the estimated Commitment Total for Subcontractor Price identified on the MBE/WBE/DBE Commitment Items sheet and amount indicated below.

Commitment Total based on estimated Unit Prices and Quantities on the "attached" MBE/WBE/DBE Commitment Items sheet. Amount \$ (dollar amount from MBE/WBE/DBE Commitment Items sheet)

The above named bidder and subcontractor mutually accepts the Commitment Total estimated for the Unit Prices and Quantities. This commitment total is based on estimated quantities only and most likely will vary up or down as the project is completed. Final compensation will be based on actual quantities of work performed and accepted during the pursuance of work. The above listed amount represents the entire dollar amount quoted based on these estimated quantities. No conversations, verbal agreements, and/or other forms of non-written representations shall serve to add, delete, or modify the terms as stated.

This document shall not serve in any manner as an actual subcontract between the two parties. A separate subcontractor agreement will describe in detail the contractual obligations of the bidder and the MBE/WBE/DBE subcontractor.

Affirmation

The above named MBE/ WBE/ DBE subcontractor affirms that it will perform the portion(s) of the contract for the estimated dollar value as stated above.

Name of MBE/ WBE/ DBE Subcontractor

Name of Bidder

Signature / Title

Signature / Title

Date

Date



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

August 22, 2006

NOTICE TO: All Invitation to Bid Recipients
FROM: R. A. Garriss, P.E. *R.A. Garriss*
Contract Officer
SUBJECT: Release of Bid Tabulation Prior to Project Award

At the request of the Associated General Contractors (AGC) the Department will no longer post on the internet or make printed distribution of bid tabulations until after a project is awarded.

The AGC's request is a result of their concern about release of unit prices on projects in which bids are rejected and the disadvantage that could be created when the project is re-advertised.

Therefore, beginning with the August 15, 2006 Highway letting bid tabulations will not be posted on the internet or an external distribution made until after the project has been awarded. Projects that are rejected will not be part of the information posted or distributed.

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 20, 2007

MEMORANDUM TO: Prospective Bidders

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

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

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

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

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

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

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

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

rce

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

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

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

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

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH NC

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

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON MAY 15, 2007** . NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

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

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

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

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

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

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS APRIL 17, 2007 .
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Anthony W Roper, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 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 L070515

RPN	Contract Id	WBS	County	Length	JobType
001	C201746	40197.3.GV1	NORTHAMPTON	6.500 MI	MILLING & RESURFACING.
002	C201639	33480.3.1	GREENE	0.225 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C201483	33567.3.1	PENDER	0.605 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
004	C201550	34407.2.3	BRUNSWICK	4.520 MI	GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURES.
005	C201640	33610.3.1	SAMPSON	0.161 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
006	C201794	33073.3.1	EDGECOMBE, HALIFAX	0.606 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
007	C201637	33098.3.2	JOHNSTON	0.218 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C201491	33320.3.1	NASH	0.341 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
009	C201547	33466.3.1	EDGECOMBE	0.170 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C201546	33350.3.1	WAKE	0.257 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
011	C201446	33636.3.1	WAKE	0.129 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
012	C201276	34935.3.1	RANDOLPH	0.288 MI	GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT.
013	C201421	34183.3.GV1	DAVIE	4.600 MI	PAVEMENT REHABILITATION & GUARDRAIL.
014	C201747	38730.3.GV1	ROWAN	5.618 MI	MILLING & RESURFACING.
015	C201734	38732.3.GV1	MECKLENBURG	8.700 MI	RESURFACING.
016	C201778	41453.3.GV1	MECKLENBURG	0.650 MI	MILLING & RESURFACING.
017	C201548	33503.3.1	IREDELL	0.151 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
018	C201477	32920.3.2	HAYWOOD	0.052 MI	GRADING, DRAINAGE, PAVING, C&G, RET WALL, & STRUCTURE.
019	C201796	37735.3.1	JACKSON	3.313 MI	GRADING, DRAINAGE, PAVING, & GUARDRAIL REHAB.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L070515 001****CONTRACT ID : C201746 40197.3.GV1****DIV OFFICE WILSON****LENGTH = 6.500 MI****COUNTY : NORTHAMPTON****MILLING & RESURFACING.****DBE GOAL 5.0% COMPLETION DATE : NOV 09 2007****I-95 FROM SOUTH OF NC-46 TO THE VIRGINIA STATE LINE.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
163,600	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
34,949	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,097	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
138,000	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
12,000	SY	GENERIC PAVING ITEM NON-WOVEN FIBERGLASS/PO- LYESTER INTERLAYER PAVING MAT
31	EA	GENERIC DRAINAGE ITEM DROP INLET REPAIR
1	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
500	EA	DRUMS
2	EA	TMIA
121,400	LF	PAINT PAVEMENT MARKING LINES (6")
2,000	LF	PAINT PAVEMENT MARKING LINES (12")
155,800	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
2,000	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,000	EA	SNOWPLOWABLE PAVEMENT MARKERS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 002

CONTRACT ID : C201639 33480.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.225 MI

COUNTY : GREENE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER RAINBOW CREEK & APPROACHES ON SR-1438.

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 *****
 (13+72.50 -L-)
 1 EA PDA TESTING
 1 EA PDA ASSISTANCE
 1,310 CY UNCLASSIFIED STRUCTURE EXCAVA-
 TION
 Lump Sum LS BRIDGE APPROACH SLABS, STATION

 (13+72.50 -L-)
 425 LF HP12X53 STEEL PILES
 900 LF HP12X53 GALVANIZED STEEL PILES
 18 EA PILE REDRIVES
 725 TON RIP RAP CLASS II (2'-0" THICK)
 Lump Sum LS ELECTRICAL CONDUIT SYSTEM AT
 STA*****
 (13+72.50 -L-)
 Lump Sum LS CONSTRUCTION OF SUBSTRUCTURE
 Lump Sum LS CONSTRUCTION OF SUPERSTRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 003

CONTRACT ID : C201483 33567.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.605 MI

COUNTY : PENDER

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER NE CAPE FEAR RIVER AND APPROACHES ON NC-210.

ROADWAY ITEMS					
			185	LF	WOVEN WIRE FENCE, 47" FABRIC
			9	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			7	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (33+52.00)			
Lump Sum	LS	GRADING			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	1,629	CY			UNDERCUT EXCAVATION
	1,100	CY			DRAINAGE DITCH EXCAVATION
	3,700	CY			SELECT GRANULAR MATERIAL
	600	SY			FABRIC FOR SOIL STABILIZATION
	7,400	SF			TEMPORARY SHORING - BARRIER SUPPORTED
	185	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	132	LF			15" SIDE DRAIN PIPE
	40	LF			18" SIDE DRAIN PIPE
	76	LF			24" SIDE DRAIN PIPE
	108	LF			15" RC PIPE CULVERTS, CLASS III
	168	LF			18" RC PIPE CULVERTS, CLASS III
	32	LF			***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (15", 0.064")
	204	LF			***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (18", 0.064")
	2	EA			*** BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (15", 0.064")
	4	EA			*** BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (18", 0.064")
	175	LF			PIPE REMOVAL
	1	EA			PIPE CLEAN-OUT
	2,115	TON			AGGREGATE BASE COURSE
	300	TON			INCIDENTAL STONE BASE
	135	SY			INCIDENTAL MILLING
	350	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	1,400	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	1,300	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	160	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	100	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	25	CY			SUBDRAIN EXCAVATION
	20	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)
	2	CY			PIPE COLLARS
	7	EA			MASONRY DRAINAGE STRUCTURES
	5	LF			MASONRY DRAINAGE STRUCTURES
	7	EA			FRAME WITH TWO GRATES, STD 840.29
	225	LF			***"X *** CONCRETE CURB (8" X 18")
	815	LF			SHOULDER BERM GUTTER
	787.5	LF			STEEL BM GUARDRAIL
	5	EA			ADDITIONAL GUARDRAIL POSTS
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
	1,950	LF			REMOVE EXISTING GUARDRAIL
	2	EA			GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (W-BEAM)
			10	TON	RIP RAP, CLASS B
			1,985	SY	FILTER FABRIC FOR DRAINAGE
			1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			24	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
			73	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			2	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			244	SF	WORK ZONE SIGNS (STATIONARY)
			138	SF	WORK ZONE SIGNS (PORTABLE)
			20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			80	EA	DRUMS
			50	EA	CONES
			72	LF	BARRICADES (TYPE III)
			60	MD	FLAGGER
			2	EA	TEMPORARY CRASH CUSHIONS
			1	EA	RESET TEMPORARY CRASH CUSHIONS
			2	EA	TMIA
			527	LF	PORTABLE CONCRETE BARRIER
			438	LF	RESET PORTABLE CONCRETE BARRIER
			44	EA	TEMPORARY RAISED PAVEMENT MARKERS
			4,458	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			4,458	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			3,884	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (1)
			39,600	LF	PAINT PAVEMENT MARKING LINES (4")
			400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			12	EA	PERMANENT RAISED PAVEMENT MARKERS
			28	EA	SNOWPLOWABLE PAVEMENT MARKERS
			2,217	LF	12" WATER LINE
			1	EA	12" VALVE
			1	EA	RECONNECT WATER METER
			2	EA	RELOCATE FIRE HYDRANT
			2,160	LF	ABANDON 12" UTILITY PIPE
			1,550	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
			100	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
			3,260	LF	TEMPORARY SILT FENCE
			100	TON	STONE FOR EROSION CONTROL, CLASS A
			400	TON	STONE FOR EROSION CONTROL, CLASS B
			815	TON	SEDIMENT CONTROL STONE
			4	ACR	TEMPORARY MULCHING
			150	LB	SEED FOR TEMPORARY SEEDING
			0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
			140	LF	TEMPORARY SLOPE DRAINS
			4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			2,260	LF	SAFETY FENCE
			1,150	CY	SILT EXCAVATION
			2,850	SY	MATTING FOR EROSION CONTROL
			15	SY	COIR FIBER MAT
			755	LF	1/4" HARDWARE CLOTH
			220	SY	FLOATING TURBIDITY CURTAIN
			36	EA	SPECIAL STILLING BASINS
			360	LF	COIR FIBER BAFFLES
			1	EA	*** SKIMMER (2")

1	EA	*** SKIMMER (2'-1/2")
8	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
5.75	TON	FERTILIZER TOPDRESSING
2.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.2	ACR	REFORESTATION
1	ACR	WETLAND REFORESTATION
1	ACR	GENERIC EROSION CONTROL ITEM DISKING
1	ACR	GENERIC EROSION CONTROL ITEM RIPPING

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (33+52.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (33+52.00-L-)
1,141.52	LF	***,***" DIA DRILLED PIERS (6'-0")
539.52	LF	PERMANENT STEEL CASING FOR ***,***" DIA DRILLED PIER (6'-0")
18	EA	SID INSPECTION
18	EA	SPT TESTING
6	EA	CROSSHOLE SONIC LOGGING
29,985	SF	REINFORCED CONCRETE DECK SLAB
26,064	SF	GROOVING BRIDGE FLOORS
479.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (33+52.00-L-)
212,802	LB	REINFORCING STEEL (BRIDGE)
52,700	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
3,653.33	LF	54" PRESTRESSED CONCRETE GIR- DERS
715	LF	HP12X53 STEEL PILES
1,825.33	LF	TWO BAR METAL RAIL
1,840.33	LF	1'-***"X *****" CONCRETE PARA- PET (1'-2" X 2'-6")
1,020	TON	RIP RAP CLASS II (2'-0" THICK)
1,130	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (33+52.00-L-)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 004

CONTRACT ID : C201550 34407.2.3

DIV OFFICE WILMINGTON

LENGTH = 4.520 MI

COUNTY : BRUNSWICK

GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

NEW ROUTE FROM SR-1104 (BEACH DRIVE) TO NC-211 (2ND BRIDGE TO OAK ISLAND).

ROADWAY ITEMS				
			650 TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	MOBILIZATION	25,500 TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CONSTRUCTION SURVEYING (ICW STRUCTURE ONLY)	2,325 TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
	75	TON	2,670 TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM DISPOSAL OF CONTAMINATED SOIL CLEARING & GRUBBING .. ACRE(S)	155 TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
	3	ACR	545 TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
	4,700	CY	68 CY	SUBDRAIN EXCAVATION
Lump Sum	LS	UNCLASSIFIED EXCAVATION REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+50.00-L-)	34 CY	SUBDRAIN FINE AGGREGATE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (58+00.00-L-)	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)
			24.4 CY	ENDWALLS
			7.9 CY	REINFORCED ENDWALLS
			72 EA	MASONRY DRAINAGE STRUCTURES
			23 CY	MASONRY DRAINAGE STRUCTURES
			44 EA	FRAME WITH TWO GRATES, STD 840.16
			5 EA	FRAME WITH TWO GRATES, STD 840.22
			22 EA	FRAME WITH TWO GRATES, STD 840.29
			1 EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			7 EA	FRAME WITH COVER, STD 840.54
			Lump Sum	LS
			Lump Sum	LS
				GENERIC DRAINAGE ITEM ALUMINUM ENDWALLS FOR FIVE PIPE CULVERT
				GENERIC DRAINAGE ITEM ALUMINUM ENDWALLS FOR FOUR PIPE CULVERT
			275 LF	***X*** CONCRETE CURB (8" X 18")
			7,875 LF	***.*** CONCRETE CURB & GUTTER (2'-9")
			24,375 LF	1'-6" CONCRETE CURB & GUTTER
			410 LF	2'-6" CONCRETE CURB & GUTTER
			1,600 LF	SHOULDER BERM GUTTER
			1,075 SY	4" CONCRETE SIDEWALK
			4 EA	CONCRETE WHEELCHAIR RAMPS
			1,800 SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			1 EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			2,850 LF	STEEL BM GUARDRAIL
			62.5 LF	STEEL BM GUARDRAIL, SHOP CURVED
			10 EA	ADDITIONAL GUARDRAIL POSTS
			1 EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			8 EA	GUARDRAIL ANCHOR UNITS, TYPE III
			11 EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			337.5 LF	REMOVE & RESET EXISTING GUARDRAIL
			40,600 LF	WOVEN WIRE FENCE, 47" FABRIC
			2,650 EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			520 EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			3,700 LF	CHAIN LINK FENCE, 48" FABRIC
			310 EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
			25 EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
			10 EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (48")
			100 LF	ADDITIONAL BARBED WIRE

90.8 CY CLASS A CONCRETE (CULVERT)
 11,529 LB EPOXY COATED REINFORCING STEEL (CULVERT)

WALL ITEMS

Lump Sum LS GENERIC RETAINING WALL ITEM
 REMOVAL OF EXISTING STRUCTURES
 AT STA 56+40.47 -L-
 1,976 SF GENERIC STRUCTURE ITEM
 STEEL SHEET PILE BULKHEAD

STRUCTURE ITEMS

Lump Sum LS CONSTRUCTION, MAINTENANCE, &
 REMOVAL OF TEMP ACCESS AT STA

 (58+00.00 -L-)
 Lump Sum LS REMOVAL OF EXISTING STRUCTURE
 AT STATION *****
 (21+50.00 -L-)
 Lump Sum LS FOUNDATION EXCAVATION FOR BENT
 ** AT STATION *****
 (1, 58+00.00 -L-)
 Lump Sum LS FOUNDATION EXCAVATION FOR BENT
 ** AT STATION *****
 (4, 58+00.00 -L-)
 1,264 LF ***" DIA DRILLED PIERS
 (6'-0")
 336.52 LF PERMANENT STEEL CASING FOR
 ***" DIA DRILLED PIER
 (6'-0")
 16 EA SID INSPECTION
 16 EA SPT TESTING
 4 EA CROSSHOLE SONIC LOGGING
 Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-
 TION AT STATION *****
 (21+50.00 -L-)
 16,845 SF REINFORCED CONCRETE DECK SLAB
 49,701 SF REINFORCED CONCRETE DECK SLAB
 (SAND LIGHTWEIGHT CONC)
 6,595 SF CONCRETE WEARING SURFACE
 64,672 SF GROOVING BRIDGE FLOORS
 1,833.2 CY CLASS AA CONCRETE (BRIDGE)
 Lump Sum LS BRIDGE APPROACH SLABS, STATION

 (21+50.00 -L-)
 Lump Sum LS BRIDGE APPROACH SLABS, STATION

 (58+00.00 -L-)
 547,913 LB EPOXY COATED REINFORCING STEEL
 (BRIDGE)
 49,670 LB EPOXY COATED SPIRAL COLUMN RE-
 INFORCING STEEL (BRIDGE)
 53,300 LS APPROX LBS STRUCTURAL
 STEEL
 1,280 LF 16" PRESTRESSED CONC PILES
 9,400 LF HP12X53 STEEL PILES
 2,254.41 LF TWO BAR METAL RAIL
 2,119.54 LF 1'-***"X ***** CONCRETE PARA-
 PET
 (1'-2" X 2'-6")
 164.88 LF 1'-***"X ***** CONCRETE PARA-
 PET
 (1'-2" X 3'-1-1/2")
 1,660 SY 4" SLOPE PROTECTION
 1,549 TON RIP RAP CLASS II (2'-0" THICK)
 1,715 SY FILTER FABRIC FOR DRAINAGE
 Lump Sum LS ELASTOMERIC BEARINGS
 Lump Sum LS EVAZOTE JOINT SEALS
 Lump Sum LS SOLAR ARRAY SUPPORT PLATFORM
 2,634 LF 3'-0" X 1'-9" PRESTRESSED CONC
 CORED SLABS
 Lump Sum LS GENERIC STRUCTURE ITEM
 POST-TENSIONING TENDONS
 5,768 LF GENERIC STRUCTURE ITEM
 78" POST-TENSIONED PRESTRESSED
 CONCRETE GIRDERS
 1,972 LF GENERIC STRUCTURE ITEM
 78" PRESTRESSED CONCRETE GIRDE
 RS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 005

CONTRACT ID : C201640 33610.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.161 MI

COUNTY : SAMPSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : NOV 15 2007

BRIDGE OVER LITTLE COHAIRE CREEK & APPROACHES ON SR-1214.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+81.43-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
25	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
52	LF	15" RC PIPE CULVERTS, CLASS III
680	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
410	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
60	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
22.4	CY	SUBDRAIN EXCAVATION
16.8	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)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH GRATE, STD 840.29
60	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
35	TON	RIP RAP, CLASS B
240	SY	FILTER FABRIC FOR DRAINAGE
256	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
7,200	LF	PAINT PAVEMENT MARKING LINES (4")
20	EA	PERMANENT RAISED PAVEMENT MARKERS
985	LF	TEMPORARY SILT FENCE
50	TON	STONE FOR EROSION CONTROL, CLASS A
90	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
320	CY	SILT EXCAVATION
455	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
230	LF	COIR FIBER BAFFLES
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 ***** (17+81.43 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+81.43 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+81.43 -L-)
720	LF	HP12X53 STEEL PILES
600	LF	HP14X73 GALVANIZED STEEL PILES
267	TON	RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 006

CONTRACT ID : C201794 33073.3.1

DIV OFFICE WILSON

LENGTH = 0.606 MI

COUNTY : EDGEcombe, HALIFAX

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 7.0% COMPLETION DATE : AUG 01 2009

BRIDGES OVER FISHING CREEK & OVERFLOW AND APPROACHES ON US-301.

ROADWAY ITEMS				
		2,150	LF	STEEL BM GUARDRAIL
		2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
		10	EA	ADDITIONAL GUARDRAIL POSTS
		8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
		6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
		570	LF	REMOVE EXISTING GUARDRAIL
		2,300	TON	PLAIN RIP RAP, CLASS II
		13	TON	PLAIN RIP RAP, CLASS B
		4,071	SY	FILTER FABRIC FOR DRAINAGE
		2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
		151	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
		36	LF	SUPPORTS, WOOD
		5	EA	SIGN ERECTION, TYPE D
		2	EA	SIGN ERECTION, TYPE E
		1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
		2	EA	RELOCATE SIGN, TYPE ***** (E)
		1	EA	DISPOSAL OF SUPPORT, WOOD
		18	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
		4	EA	DISPOSAL OF SIGN SYSTEM, WOOD
		1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
		104	SF	WORK ZONE SIGNS (STATIONARY)
		192	SF	WORK ZONE SIGNS (PORTABLE)
		20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
		2	EA	WARNING FLAG SETS
		129	EA	DRUMS
		100	EA	CONES
		48	LF	BARRICADES (TYPE III)
		160	HR	FLAGGER
		4	EA	TEMPORARY CRASH CUSHIONS
		3	EA	RESET TEMPORARY CRASH CUSHIONS
		246	LF	PORTABLE CONCRETE BARRIER
		463	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
		1,606	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
		1,852	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")
		194	EA	TEMPORARY RAISED PAVEMENT MARKERS
		5,474	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		7,039	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		76	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		1	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		22,095	LF	PAINT PAVEMENT MARKING LINES (4")
		1,852	LF	POLYUREA PAVEMENT MARKING LINES (4")
		97	EA	PERMANENT RAISED PAVEMENT MARKERS
		5,725	LF	TEMPORARY SILT FENCE
		150	TON	STONE FOR EROSION CONTROL, CLASS A
		375	TON	STONE FOR EROSION CONTROL, CLASS B
		465	TON	SEDIMENT CONTROL STONE
		8	ACR	TEMPORARY MULCHING
		300	LB	SEED FOR TEMPORARY SEEDING
		1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
		50	LF	TEMPORARY SLOPE DRAINS
		2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
		4,000	LF	SAFETY FENCE
		1,870	CY	SILT EXCAVATION
		3,500	SY	MATTING FOR EROSION CONTROL
		220	LF	1/4" HARDWARE CLOTH
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			CLEARING & GRUBBING .. ACRE(S)
1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
2,100	CY			UNCLASSIFIED EXCAVATION
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+32.50)
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (29+15.00)
4,000	CY			UNDERCUT EXCAVATION
31,100	CY			BORROW EXCAVATION
4	EA			EMBANKMENT SETTLEMENT GAUGES
180	CY			DRAINAGE DITCH EXCAVATION
7,550	SY			REMOVAL OF EXISTING ASPHALT PAVEMENT
13,400	CY			SELECT GRANULAR MATERIAL
3,000	SY			FABRIC FOR SOIL STABILIZATION
3,000	SF			TEMPORARY SHORING
1,200	TON			SELECT MATERIAL, CLASS ***** (VI)
62	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
140	LF			18" SIDE DRAIN PIPE
72	LF			15" RC PIPE CULVERTS, CLASS III
64	LF			18" RC PIPE CULVERTS, CLASS III
112	LF			24" RC PIPE CULVERTS, CLASS III
190	LF			15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA			15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
132	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (18", 0.500")
156	LF			PIPE REMOVAL
3	EA			PIPE CLEAN-OUT
Lump Sum	LS			FINE GRADING
400	TON			AGGREGATE BASE COURSE
200	TON			INCIDENTAL STONE BASE
350	SY			INCIDENTAL MILLING
1,790	TON			ASPHALT CONC BASE COURSE, TYPE B25.0C
1,990	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
1,590	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5C
171	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
96	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
23	EA			RIGHT OF WAY MARKERS
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)
1.105	CY			PIPE COLLARS
0.13	CY			PIPE PLUGS
55	CY			FLOWABLE FILL
10	EA			MASONRY DRAINAGE STRUCTURES
1	LF			MASONRY DRAINAGE STRUCTURES
1	EA			FRAME WITH GRATE, STD 840.24
9	EA			FRAME WITH TWO GRATES, STD 840.29
1	EA			CONCRETE APRON FOR DROP INLETS
225	LF			SHOULDER BERM GUTTER
1	EA			CONVERT EXISTING DROP INLET TO JUNCTION BOX

12	EA	SPECIAL STILLING BASINS
9.5	ACR	SEEDING & MULCHING
5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
7.25	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+32.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+32.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (29+15.00 -L-)
83.97	LF	4'-0" DIA DRILLED PIERS IN SO IL
49.7	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
87.65	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
1,630	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
15,678	SF	REINFORCED CONCRETE DECK SLAB
16,822	SF	GROOVING BRIDGE FLOORS
208.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+32.50 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (29+15.00 -L-)
47,258	LB	REINFORCING STEEL (BRIDGE)
5,400	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,347.5	LF	45" PRESTRESSED CONCRETE GIR- DERS
197,900	LS	APPROX LBS STRUCTURAL STEEL
1,210	LF	HP12X53 STEEL PILES
630	LF	HP14X73 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (29+15.00 -L-)
725	LF	CONCRETE BARRIER RAIL
928	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
1,030	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

L070515 007

CONTRACT ID : C201637 33098.3.2

DIV OFFICE WILSON

LENGTH = 0.218 MI

COUNTY : JOHNSTON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : MAR 31 2008

BRIDGE OVER LITTLE RIVER & APPROACHES ON NC-96.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+25.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
56	LF	15" RC PIPE CULVERTS, CLASS III
28	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
610	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
390	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
525	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
77	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
14	EA	RIGHT OF WAY MARKERS
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
60	LF	SHOULDER BERM GUTTER
625	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
310	LF	WOVEN WIRE FENCE RESET
50	LF	GENERIC FENCING ITEM
68	TON	RIP RAP, CLASS B
927	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
14.6	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
67	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
684	SF	WORK ZONE SIGNS (STATIONARY)
174	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
128	LF	BARRICADES (TYPE III)
1,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
800	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (1)
15	EA	PERMANENT RAISED PAVEMENT MARKERS
430	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
175	TON	STONE FOR EROSION CONTROL, CLASS B
325	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
125	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS

300	LF	SAFETY FENCE
840	CY	SILT EXCAVATION
1,600	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
927	SY	PERMANENT SOIL REINFORCEMENT MAT
375	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
225	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (2")
3	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (19+25.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+25.00 -L-)
55.68	LF	3'-6" DIA DRILLED PIERS IN SOIL
27	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
53.4	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
650	CY	UNCLASSIFIED STRUCTURE EXCAVATION
7,850	SF	REINFORCED CONCRETE DECK SLAB
7,482	SF	GROOVING BRIDGE FLOORS
90.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+25.00 -L-)
26,454	LB	REINFORCING STEEL (BRIDGE)
2,582	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
786	LF	54" PRESTRESSED CONCRETE GIR- DERS
350	LF	HP12X53 STEEL PILES
396.67	LF	CONCRETE BARRIER RAIL
716	TON	RIP RAP CLASS II (2'-0" THICK)
794	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

L070515 008

CONTRACT ID : C201491 33320.3.1

DIV OFFICE WILSON

LENGTH = 0.341 MI

COUNTY : NASH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER PIG BASKET CREEK & APPROACHES ON SR-1004.

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 ***** (22+03.60-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+03.60-L-)
280	LF	HP12X53 STEEL PILES
280	LF	HP14X73 GALVANIZED STEEL PILES
16	EA	STEEL PILE POINTS
486	TON	RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 009

CONTRACT ID : C201547 33466.3.1

DIV OFFICE WILSON

LENGTH = 0.170 MI

COUNTY : EDGEcombe

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2007

BRIDGE OVER COKEY SWAMP AND APPROACHES ON SR-1135.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+21.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
30	CY	DRAINAGE DITCH EXCAVATION
100	SY	FABRIC FOR SOIL STABILIZATION
100	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL, CLASS III
20.3	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
88	LF	15" RC PIPE CULVERTS, CLASS III
29	LF	PIPE REMOVAL
300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
411	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
13	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
17	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.20
81	LF	SHOULDER BERM GUTTER
550	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2	TON	RIP RAP, CLASS B
410	SY	FILTER FABRIC FOR DRAINAGE
18.75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
40	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SIGN ERECTION, TYPE E
11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
353	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
76	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
27	EA	DRUMS
20	EA	CONES
96	LF	BARRICADES (TYPE III)
80	HR	FLAGGER
7,760	LF	PAINT PAVEMENT MARKING LINES (4")
26	EA	PERMANENT RAISED PAVEMENT MARKERS
501	LF	10" WATER LINE
394	LF	TRENCHLESS INSTALLATION OF 10" IN SOIL
100	LF	TRENCHLESS INSTALLATION OF 10" NOT IN SOIL
1,125	LF	TEMPORARY SILT FENCE

150	TON	STONE FOR EROSION CONTROL, CLASS A
75	TON	STONE FOR EROSION CONTROL, CLASS B
35	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
315	CY	SILT EXCAVATION
175	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
40	LF	1/4" HARDWARE CLOTH
150	SY	FLOATING TURBIDITY CURTAIN
40	LF	COIR FIBER BAFFLES
3	EA	*** SKIMMER (2")
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+21.50 -L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
800	CY	UNCLASSIFIED STRUCTURE EXCAVATION
47.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+21.50 -L-)
7,810	LB	REINFORCING STEEL (BRIDGE)
720	LF	HP12X53 STEEL PILES
600	LF	HP14X73 GALVANIZED STEEL PILES
6	EA	PILE REDRIVES
265	LF	CONCRETE BARRIER RAIL
305	TON	RIP RAP CLASS II (2'-0" THICK)
345	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,590	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 010

CONTRACT ID : C201546 33350.3.1

DIV OFFICE DURHAM

LENGTH = 0.257 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2008

BRIDGE OVER MIDDLE CREEK AND APPROACHES ON SB US-401.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+35.50)	13.3	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
Lump Sum	LS	GRADING	26	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	136	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
500	CY	UNDERCUT EXCAVATION	2	EA	SIGN ERECTION, TYPE D
700	CY	DRAINAGE DITCH EXCAVATION	4	EA	SIGN ERECTION, TYPE E
200	CY	SELECT GRANULAR MATERIAL	1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
960	SY	FABRIC FOR SOIL STABILIZATION	6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
750	SF	TEMPORARY SHORING	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
51	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	260	SF	WORK ZONE SIGNS (STATIONARY)
36	LF	24" SIDE DRAIN PIPE	128	SF	WORK ZONE SIGNS (PORTABLE)
160	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	*** WELDED STEEL PIPE IN SOIL (15")	1	EA	FLASHING ARROW PANELS, TYPE C
55	LF	PIPE REMOVAL	1	EA	CHANGEABLE MESSAGE SIGN
1,805	TON	AGGREGATE BASE COURSE	136	EA	DRUMS
75	TON	INCIDENTAL STONE BASE	48	LF	BARRICADES (TYPE III)
1,350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1	EA	TEMPORARY CRASH CUSHIONS
1,105	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1	EA	RESET TEMPORARY CRASH CUSHIONS
1,305	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1	EA	TMIA
110	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	83	EA	TEMPORARY RAISED PAVEMENT MARKERS
74	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	2,710	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	408	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6	EA	RIGHT OF WAY MARKERS	1	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
45	CY	SUBDRAIN EXCAVATION	385	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (4)
35	CY	SUBDRAIN FINE AGGREGATE	13,894	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	6" PERFORATED SUBDRAIN PIPE	60	LF	PAINT PAVEMENT MARKING LINES (24")
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	1,202	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	17	EA	SNOWFLOWABLE PAVEMENT MARKERS
6	LF	6" OUTLET PIPE (SUBDRAINS)	1,950	LF	TEMPORARY SILT FENCE
2	CY	ENDWALLS	150	TON	STONE FOR EROSION CONTROL, CLASS A
6	EA	MASONRY DRAINAGE STRUCTURES	230	TON	STONE FOR EROSION CONTROL, CLASS B
5	EA	FRAME WITH TWO GRATES, STD 840.24	375	TON	SEDIMENT CONTROL STONE
1	EA	FRAME WITH TWO GRATES, STD 840.29	2	ACR	TEMPORARY MULCHING
40	LF	SHOULDER BERM GUTTER	100	LB	SEED FOR TEMPORARY SEEDING
787.5	LF	STEEL BM GUARDRAIL	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	150	LF	TEMPORARY SLOPE DRAINS
5	EA	ADDITIONAL GUARDRAIL POSTS	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	350	LF	SAFETY FENCE
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	1,150	CY	SILT EXCAVATION
2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	2,500	SY	MATTING FOR EROSION CONTROL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	20	SY	COIR FIBER MAT
1,048	LF	REMOVE EXISTING GUARDRAIL	1,015	SY	PERMANENT SOIL REINFORCEMENT MAT
325	LF	TEMPORARY STEEL BM GUARDRAIL	150	LF	1/4" HARDWARE CLOTH
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (CAT-1)	12	EA	SPECIAL STILLING BASINS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (TYPE III)	160	LF	COIR FIBER BAFFLES
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	2	EA	*** SKIMMER (2-1/2")
25	TON	RIP RAP, CLASS I	2	ACR	SEEDING & MULCHING
900	TON	RIP RAP, CLASS II	1	ACR	MOWING
5	TON	RIP RAP, CLASS B	50	LB	SEED FOR REPAIR SEEDING
1,590	SY	FILTER FABRIC FOR DRAINAGE	0.25	TON	FERTILIZER FOR REPAIR SEEDING
			50	LB	SEED FOR SUPPLEMENTAL SEEDING
			1.5	TON	FERTILIZER TOPDRESSING
			2	HR	SPECIALIZED HAND MOWING
			8	EA	RESPONSE FOR EROSION CONTROL

0.88 ACR REFORESTATION

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

- 284 LF 15" RC PIPE CULVERTS, CLASS III
- *** OR ***
- 148 LF 15" RC PIPE CULVERTS, CLASS III
- 136 LF ***" HDPE PIPE CULVERTS (15")
- *** OR ***
- 148 LF 15" RC PIPE CULVERTS, CLASS III
- 136 LF ***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***" THICK (15", 0.064")

*** END SCHEDULE AA ***

STRUCTURE ITEMS

- Lump Sum LS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (20+35.50-L-)
- Lump Sum LS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+35.50-L-)
- Lump Sum LS REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+35.50-L-)
- 135 LF 4'-0" DIA DRILLED PIERS IN SOIL
- 60 LF 4'-0" DIA DRILLED PIERS NOT IN SOIL
- 90 LF PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
- 6 EA SID INSPECTION
- 6 EA SPT TESTING
- 1 EA CROSSHOLE SONIC LOGGING
- 1,310 CY UNCLASSIFIED STRUCTURE EXCAVATION
- 10,008 SF REINFORCED CONCRETE DECK SLAB
- 10,317 SF GROOVING BRIDGE FLOORS
- 136.9 CY CLASS A CONCRETE (BRIDGE)
- Lump Sum LS BRIDGE APPROACH SLABS, STATION ***** (20+35.50-L-)
- 33,850 LB REINFORCING STEEL (BRIDGE)
- 6,062 LB SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
- 1,333.33 LF 36" PRESTRESSED CONCRETE GIRDERS
- 520 LF HP12X53 STEEL PILES
- 337.83 LF CONCRETE BARRIER RAIL
- 390 TON RIP RAP CLASS II (2'-0" THICK)
- 435 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

L070515 011

CONTRACT ID : C201446 33636.3.1

DIV OFFICE DURHAM

LENGTH = 0.129 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE # 255 OVER A CREEK AND APPROACHES ON SR-1006 (OLD STAGE RD).

ROADWAY ITEMS				
		190	SY	FILTER FABRIC FOR DRAINAGE
		2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
Lump Sum	LS MOBILIZATION	439	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+70.00)	288	SF	WORK ZONE SIGNS (PORTABLE)
		119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS GRADING	2	EA	FLASHING ARROW PANELS, TYPE C
1	ACR SUPPLEMENTARY CLEARING & GRUBBING	56	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
200	CY UNDERCUT EXCAVATION	80	EA	DRUMS
100	TON CLASS IV SUBGRADE STABILIZATION	112	LF	BARRICADES (TYPE III)
65	CY DRAINAGE DITCH EXCAVATION	32	HR	FLAGGER
100	CY SELECT GRANULAR MATERIAL	32	HR	POLICE
100	SY FABRIC FOR SOIL STABILIZATION	12	EA	TEMPORARY RAISED PAVEMENT MARKERS
40	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	3,106	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
80	LF 15" RC PIPE CULVERTS, CLASS III	3,679	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
56	LF 18" RC PIPE CULVERTS, CLASS III	55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF 24" RC PIPE CULVERTS, CLASS III	117	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	LF 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2	EA 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	1,845	LF	PAINT PAVEMENT MARKING LINES (4")
187	LF PIPE REMOVAL	394	LF	PAINT PAVEMENT MARKING LINES (8")
100	TON INCIDENTAL STONE BASE	108	LF	PAINT PAVEMENT MARKING LINES (24")
185	SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	4	EA	PAINT PAVEMENT MARKING SYMBOL
300	SY INCIDENTAL MILLING	1,851	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
540	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	197	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
130	TON ASPHALT CONC BASE COURSE, TYPE B25.0C	52	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
320	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
65	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	45	EA	PERMANENT RAISED PAVEMENT MARKERS
440	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	Lump Sum	LS	PORTABLE LIGHTING
80	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,090	LF	TEMPORARY SILT FENCE
74	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	150	TON	STONE FOR EROSION CONTROL, CLASS A
5	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	255	TON	STONE FOR EROSION CONTROL, CLASS B
55	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	185	TON	SEDIMENT CONTROL STONE
4	EA RIGHT OF WAY MARKERS	0.5	ACR	TEMPORARY MULCHING
25	CY SUBDRAIN EXCAVATION	50	LB	SEED FOR TEMPORARY SEEDING
20	CY SUBDRAIN FINE AGGREGATE	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
100	LF 6" PERFORATED SUBDRAIN PIPE	15	LF	TEMPORARY SLOPE DRAINS
3	EA 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1	EA CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	350	LF	SAFETY FENCE
6	LF 6" OUTLET PIPE (SUBDRAINS)	1,270	CY	SILT EXCAVATION
5	EA MASONRY DRAINAGE STRUCTURES	650	SY	MATTING FOR EROSION CONTROL
2	EA FRAME WITH TWO GRATES, STD 840.24	10	SY	COIR FIBER MAT
3	EA FRAME WITH TWO GRATES, STD 840.29	265	SY	PERMANENT SOIL REINFORCEMENT MAT
75	LF SHOULDER BERM GUTTER	350	LF	COIR FIBER BAFFLES
120	LF CONCRETE EXPRESSWAY GUTTER	1	EA	*** SKIMMER (2")
187.5	LF STEEL BM GUARDRAIL	0.5	ACR	SEEDING & MULCHING
100	LF STEEL BM GUARDRAIL, SHOP CURVED	0.5	ACR	MOWING
5	EA ADDITIONAL GUARDRAIL POSTS	50	LB	SEED FOR REPAIR SEEDING
2	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1	0.25	TON	FERTILIZER FOR REPAIR SEEDING
2	EA GUARDRAIL ANCHOR UNITS, TYPE 350	50	LB	SEED FOR SUPPLEMENTAL SEEDING
4	EA GUARDRAIL ANCHOR UNITS, TYPE B-77	0.5	TON	FERTILIZER TOPDRESSING
330	LF WOVEN WIRE FENCE RESET	2	HR	SPECIALIZED HAND MOWING
10	TON RIP RAP, CLASS B	8	EA	RESPONSE FOR EROSION CONTROL
		0.1	ACR	REFORESTATION
		170	LF	SIGNAL CABLE
		1	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)

1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
20	LF	UNPAVED TRENCHING (*****) (1, 2")
1	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	2" RISER WITH WEATHERHEAD
60	LF	INDUCTIVE LOOP SAWCUT
380	LF	LEAD-IN CABLE (*****) (18-2)
3	EA	SIGN FOR SIGNALS

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+70.00-L-)
77	LF	PILE EXCAVATION IN SOIL
33	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (22+70.00-L-)
2,787	SF	CONCRETE WEARING SURFACE
4,423	SF	GROOVING BRIDGE FLOORS
42.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+70.00-L-)
6,471	LB	REINFORCING STEEL (BRIDGE)
275	LF	HP12X53 STEEL PILES
135.208	LF	CONCRETE BARRIER RAIL
277	TON	RIP RAP CLASS II (2'-0" THICK)
306	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,014.063	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS
1,000	DOL	CONTRACT TIME

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 012

CONTRACT ID : C201276 34935.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.288 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT.

DBE GOAL 8.0% COMPLETION DATE : AUG 15 2008

INTERSECTION OF US-64, NC-49 AND NC-42 IN ASHEBORO.

ROADWAY ITEMS

			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
Lump Sum	LS	MOBILIZATION	3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	CONSTRUCTION SURVEYING	200	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	GRADING	16	TON	RIP RAP, CLASS I
	1	ACR	31	TON	RIP RAP, CLASS II
		SUPPLEMENTARY CLEARING & GRUB-BING	2	TON	RIP RAP, CLASS B
1,000	CY	UNDERCUT EXCAVATION	576	SY	FILTER FABRIC FOR DRAINAGE
500	TON	CLASS IV SUBGRADE STABILIZATION	1,112	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
170	CY	DRAINAGE DITCH EXCAVATION	6	EA	SIGN ERECTION, TYPE D
1,000	CY	SELECT GRANULAR MATERIAL	21	EA	SIGN ERECTION, TYPE E
1,500	SY	FABRIC FOR SOIL STABILIZATION	15	EA	SIGN ERECTION, TYPE F
2,000	SF	TEMPORARY SHORING	4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
	50	TON	31	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
		GENERIC GRADING ITEM	360	SF	WORK ZONE SIGNS (STATIONARY)
		DISPOSAL OF CONTAMINATED SOIL	448	SF	WORK ZONE SIGNS (PORTABLE)
659	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	68	LF	2	EA	FLASHING ARROW PANELS, TYPE C
	72	LF	140	EA	DRUMS
	12	LF	30	EA	CONES
		60" RC PIPE CULVERTS, CLASS III	100	LF	BARRICADES (TYPE III)
	16	LF	1,440	HR	FLAGGER
		72" RC PIPE CULVERTS, CLASS III	2	EA	TEMPORARY CRASH CUSHIONS
	36	LF	2	EA	RESET TEMPORARY CRASH CUSHIONS
		18" CS PIPE CULVERTS, 0.064" THICK	2	EA	TMIA
	32	LF	580	LF	PORTABLE CONCRETE BARRIER
		24" CS PIPE CULVERTS, 0.064" THICK	170	LF	RESET PORTABLE CONCRETE BARRIER
1,634	LF	PIPE REMOVAL	80	HR	POLICE
	1	EA	20	EA	GENERIC TRAFFIC CONTROL ITEM TEMP CONC BARRIER DELINEATOR
		PIPE CLEAN-OUT	630	EA	TEMPORARY RAISED PAVEMENT MARKERS
	50	TON	850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		STABILIZER AGGREGATE	14,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	500	TON	1,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		INCIDENTAL STONE BASE	350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
	150	SY	2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
		INCIDENTAL MILLING	61	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
4,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	63,600	LF	PAINT PAVEMENT MARKING LINES (4")
		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	6,800	LF	PAINT PAVEMENT MARKING LINES (8")
4,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	800	LF	PAINT PAVEMENT MARKING LINES (24")
		ASPHALT CONC SURFACE COURSE, TYPE S9.5C	4	EA	PAINT PAVEMENT MARKING CHARACTER
4,900	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	122	EA	PAINT PAVEMENT MARKING SYMBOL
		ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	2,800	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
400	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	480	EA	SNOWPLOWABLE PAVEMENT MARKERS
		ASPHALT PLANT MIX, PAVEMENT REPAIR	20	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
	8	CY	Lump Sum	LS	PORTABLE LIGHTING
	6	CY	64	LF	6" WATER LINE
		PIPE COLLARS	871	LF	8" WATER LINE
	1	CY	2	EA	8" VALVE
		PIPE PLUGS	1	EA	12" VALVE
66	EA	MASONRY DRAINAGE STRUCTURES	17	EA	RELOCATE WATER METER
12	CY	MASONRY DRAINAGE STRUCTURES	3	EA	RECONNECT WATER METER
22	LF	MASONRY DRAINAGE STRUCTURES	2	EA	RELOCATE FIRE HYDRANT
10	EA	FRAME WITH TWO GRATES, STD 840.16	1,305	LF	ABANDON 8" UTILITY PIPE
		FRAME WITH TWO GRATES, STD 840.24	34	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL
	6	EA	34	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
	22	EA			
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
	15	EA			
		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
	2	EA			
		FRAME WITH COVER, STD 840.54			
50	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET			
5,465	LF	2'-6" CONCRETE CURB & GUTTER			
2,400	SY	4" CONCRETE SIDEWALK			
	34	EA			
		CONCRETE WHEELCHAIR RAMPS			
	100	SY			
		6" CONCRETE DRIVEWAY			
	10	SY			
		4" CONCRETE PAVED DITCH			
1,000	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
850	LF	STEEL BM GUARDRAIL			
50	LF	STEEL BM GUARDRAIL, SHOP CURVED			
10	EA	ADDITIONAL GUARDRAIL POSTS			

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

1	EA	GENERIC UTILITY ITEM REMOVE EXISTING VALVE & VALVE BOX	954	LF	12" RC PIPE CULVERTS, CLASS III
2,850	LF	TEMPORARY SILT FENCE	2,100	LF	15" RC PIPE CULVERTS, CLASS III
1,530	TON	STONE FOR EROSION CONTROL, CLASS A	676	LF	18" RC PIPE CULVERTS, CLASS III
585	TON	STONE FOR EROSION CONTROL, CLASS B	628	LF	24" RC PIPE CULVERTS, CLASS III
1,550	TON	SEDIMENT CONTROL STONE	736	LF	30" RC PIPE CULVERTS, CLASS III
10	ACR	TEMPORARY MULCHING			
350	LB	SEED FOR TEMPORARY SEEDING			
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	838	LF	12" RC PIPE CULVERTS, CLASS III
60	LF	TEMPORARY SLOPE DRAINS	1,836	LF	15" RC PIPE CULVERTS, CLASS III
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	296	LF	18" RC PIPE CULVERTS, CLASS III
135	LF	SAFETY FENCE	128	LF	24" RC PIPE CULVERTS, CLASS III
4,600	CY	SILT EXCAVATION	172	LF	30" RC PIPE CULVERTS, CLASS III
2,100	SY	MATTING FOR EROSION CONTROL			
40	SY	COIR FIBER MAT	116	LF	***" HDPE PIPE CULVERTS (12")
2,450	SY	PERMANENT SOIL REINFORCEMENT MAT	264	LF	***" HDPE PIPE CULVERTS (15")
200	LF	1/4" HARDWARE CLOTH	380	LF	***" HDPE PIPE CULVERTS (18")
30	LF	***" TEMPORARY PIPE (18")	500	LF	***" HDPE PIPE CULVERTS (24")
240	LF	***" TEMPORARY PIPE (24")	564	LF	***" HDPE PIPE CULVERTS (30")
27	CY	STILLING BASINS			
725	LF	COIR FIBER BAFFLES			
5	EA	*** SKIMMER (2")			
1	EA	*** SKIMMER (2-1/2")	838	LF	12" RC PIPE CULVERTS, CLASS III
10.5	ACR	SEEDING & MULCHING	1,836	LF	15" RC PIPE CULVERTS, CLASS III
6	ACR	MOWING	296	LF	18" RC PIPE CULVERTS, CLASS III
100	LB	SEED FOR REPAIR SEEDING	128	LF	24" RC PIPE CULVERTS, CLASS III
0.25	TON	FERTILIZER FOR REPAIR SEEDING	172	LF	30" RC PIPE CULVERTS, CLASS III
250	LB	SEED FOR SUPPLEMENTAL SEEDING	116	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (12", 0.064")
8	TON	FERTILIZER TOPDRESSING	264	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
100	LF	IMPERVIOUS DIKE	380	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")
2.5	HR	SPECIALIZED HAND MOWING	500	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")
8	EA	RESPONSE FOR EROSION CONTROL	564	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (30", 0.064")
0.1	ACR	REFORESTATION			
3,710	LF	SIGNAL CABLE			
26	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
1,240	LF	MESSENGER CABLE (3/8")			
2,040	LF	TRACER WIRE			
180	LF	PAVED TRENCHING (***** (1 CONDUIT, 2")			
1,100	LF	UNPAVED TRENCHING (***** (1 CONDUIT, 2")			
1,770	LF	DIRECTIONAL DRILL (***** (1 CONDUIT, 2")			
12	EA	JUNCTION BOX (STANDARD SIZE)			
6	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)			
4	EA	WOOD POLE			
8	EA	GUY ASSEMBLY			
1	EA	1" RISER WITH WEATHERHEAD			
2	EA	2" RISER WITH WEATHERHEAD			
2,420	LF	INDUCTIVE LOOP SAWCUT			
7,860	LF	LEAD-IN CABLE (***** (18-2) (1600' of 18-4 pair)	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (30+24.50 -Y-)
2,040	LF	COMMUNICATIONS CABLE (**FIBER) (12)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (30+24.50 -Y-)
1	EA	INTERCONNECT CENTER	74.1	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT	94	CY	CLASS A CONCRETE (CULVERT)
5	EA	DELINEATOR MARKER	11,684	LB	REINFORCING STEEL (CULVERT)
1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER			
1,870	LF	REMOVE EXISTING COMMUNICATIONS CABLE			

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (30+24.50 -Y-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (30+24.50 -Y-)
74.1	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
94	CY	CLASS A CONCRETE (CULVERT)
11,684	LB	REINFORCING STEEL (CULVERT)

WALL ITEMS

903	SF	GRAVITY RETAINING WALLS
2,792	SF	MSE RETAINING WALL

4	EA	METAL STRAIN SIGNAL POLE
4	EA	SOIL TEST
24	CY	DRILLED PIER FOUNDATION
2	EA	SIGN FOR SIGNALS
1	EA	SIGNAL CABINET FOUNDATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
10	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 013

CONTRACT ID : C201421 34183.3.GV1

DIV OFFICE WINSTON-SALEM

LENGTH = 4.600 MI

COUNTY : DAVIE

PAVEMENT REHABILITATION & GUARDRAIL.

DBE GOAL 5.0% COMPLETION DATE : SEP 01 2008

I-40 FROM SR-1436 (PINEBROOK DR) AT MP-175 TO WEST OF NC-801 AT MP-179.6.

ROADWAY ITEMS					
			7	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
			840	SF	WORK ZONE SIGNS (STATIONARY)
			902	SF	WORK ZONE SIGNS (PORTABLE)
			40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			4	EA	FLASHING ARROW PANELS, TYPE C
			4	EA	CHANGEABLE MESSAGE SIGN
			400	EA	DRUMS
			48	LF	BARRICADES (TYPE III)
			4	EA	TEMPORARY CRASH CUSHIONS
			14	EA	RESET TEMPORARY CRASH CUSHIONS
			4	EA	TMIA
			600	LF	PORTABLE CONCRETE BARRIER
			300	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
			4,200	LF	RESET PORTABLE CONCRETE BARRIER
			2,100	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
			330	HR	POLICE
			1,480	EA	TEMPORARY RAISED PAVEMENT MARKERS
			42,660	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (4)
			684,680	LF	PAINT PAVEMENT MARKING LINES (6")
			9,600	LF	PAINT PAVEMENT MARKING LINES (12")
			12	EA	PAINT PAVEMENT MARKING SYMBOL
			118,900	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)
			1,600	LF	POLYUREA PAVEMENT MARKING LINES (12", *****)
			6	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****)
			81,330	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			105,600	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
			1,600	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
			820	EA	SNOWPLOWABLE PAVEMENT MARKERS
			1,000	LF	TEMPORARY SILT FENCE
			200	TON	STONE FOR EROSION CONTROL, CLASS A
			500	TON	STONE FOR EROSION CONTROL, CLASS B
			200	TON	SEDIMENT CONTROL STONE
			21.5	ACR	TEMPORARY MULCHING
			750	LB	SEED FOR TEMPORARY SEEDING
			3	TON	FERTILIZER FOR TEMPORARY SEEDING
			1,200	CY	SILT EXCAVATION
			2,000	SY	MATTING FOR EROSION CONTROL
			1,000	LF	1/4" HARDWARE CLOTH
			29.5	ACR	SEEDING & MULCHING
			12.5	ACR	MOWING
			250	LB	SEED FOR REPAIR SEEDING
			0.5	TON	FERTILIZER FOR REPAIR SEEDING
			500	LB	SEED FOR SUPPLEMENTAL SEEDING
			22	TON	FERTILIZER TOPDRESSING
			34	HR	SPECIALIZED HAND MOWING
			8	EA	RESPONSE FOR EROSION CONTROL
Lump Sum	LS	MOBILIZATION			
73,800	CY	UNCLASSIFIED EXCAVATION			
4,825	CY	UNDERCUT EXCAVATION			
13,120	CY	BORROW EXCAVATION			
75,600	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
133,150	SY	FABRIC FOR SOIL STABILIZATION			
Lump Sum	LS	FINE GRADING			
79,580	TON	AGGREGATE BASE COURSE			
500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
20,225	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
23,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
40,975	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D			
9,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
40,025	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D			
1,951	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
2,496	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
2,402	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22			
97,200	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)			
104	TON	GENERIC PAVING ITEM ABC FOR BACKFILL			
450	SY	GENERIC PAVING ITEM 8" CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR			
31,500	LF	SHOULDER DRAIN			
31,500	LF	4" SHOULDER DRAIN PIPE			
3,220	LF	4" OUTLET PIPE FOR SHOULDER DRAINS			
49	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET			
2	EA	ADJUSTMENT OF DROP INLETS			
13,975	LF	STEEL BM GUARDRAIL			
10	EA	ADDITIONAL GUARDRAIL POSTS			
17	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
17	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
422.4	LF	REMOVE & RESET EXISTING GUARDRAIL			
500	LF	REMOVE & RESET EXISTING GUIDE-RAIL			
14,925	LF	REMOVE EXISTING GUARDRAIL			
375	SY	FILTER FABRIC FOR DRAINAGE			
6	CY	REINFORCED CONCRETE SIGN FOUNDATIONS			
4,796	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
435	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
10	EA	SUPPORTS, 2-LB STEEL U-CHANNEL			
20	EA	SIGN ERECTION, TYPE E			
3	EA	SIGN ERECTION, TYPE F			
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)			
4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)			
10	EA	SIGN ERECTION, MILEMARKERS			
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)			
4	EA	DISPOSAL OF SUPPORT, STEEL BEAM			
4	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
26	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 014

CONTRACT ID : C201747 38730.3.GV1

DIV OFFICE WINSTON-SALEM

LENGTH = 5.618 MI

COUNTY : ROWAN

MILLING & RESURFACING.

DBE GOAL 5.0% COMPLETION DATE : OCT 01 2007

I-85 FROM THE CABARRUS COUNTY LINE TO NORTH OF NC-152.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
200	CY	UNDERCUT EXCAVATION
200	TON	INCIDENTAL STONE BASE
14,654	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2")
500	SY	INCIDENTAL MILLING
1,143	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
824	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
33,611	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
88	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,019	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
50	TON	PATCHING EXISTING PAVEMENT
120,000	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
4,000	LB	GENERIC PAVING ITEM POLYMER MOD CONC PVMT REPAIR
256	SF	WORK ZONE SIGNS (STATIONARY)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
300	EA	DRUMS
2	EA	TMIA
50	HR	POLICE
121,396	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
14,899	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
44	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
131,957	LF	PAINT PAVEMENT MARKING LINES (4")
800	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L070515 015****CONTRACT ID : C201734 38732.3.GV1****DIV OFFICE ALBEMARLE****LENGTH = 8.700 MI****COUNTY : MECKLENBURG****RESURFACING.****DBE GOAL 6.0% COMPLETION DATE : OCT 31 2007****I-77 FROM I-277 (EXIT 9) TO SOUTH CAROLINA STATE LINE.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
2,400	SY	INCIDENTAL MILLING
1,418	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
19,650	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
500	TON	PATCHING EXISTING PAVEMENT
3,000	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S9.5D (LEVELING COURSE)
956	SF	WORK ZONE SIGNS (STATIONARY)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
100	EA	DRUMS
2	EA	TMIA
350	EA	SKINNY DRUM
217,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
64,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
27,850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
65,000	LF	PAINT PAVEMENT MARKING LINES (4")
27,850	LF	PAINT PAVEMENT MARKING LINES (8")
4,400	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L070515 016****CONTRACT ID : C201778 41453.3.GV1****DIV OFFICE ALBEMARLE****LENGTH = 0.650 MI****COUNTY : MECKLENBURG****MILLING & RESURFACING.****DBE GOAL 4.0% COMPLETION DATE : OCT 01 2007****I-85 NBL & SBL FROM GASTON CO LINE TO BEGINNING OF CONCRETE PAVEMENT IN MECKLENBURG CO NEAR SR-1601.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
8,790	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
38,450	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
7,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
550	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
1,850	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED
14,415	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
84	SF	WORK ZONE SIGNS (STATIONARY)
2	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGN
150	EA	DRUMS
2	EA	TMA
15,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
5,175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
20,355	LF	PAINT PAVEMENT MARKING LINES (4")
1,350	LF	PAINT PAVEMENT MARKING LINES (8")
360	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L070515 017****CONTRACT ID : C201548 33503.3.1****DIV OFFICE SHELBY****LENGTH = 0.151 MI****COUNTY : IREDELL****GRADING, DRAINAGE, PAVING, & STRUCTURE.****DBE GOAL 5.0% COMPLETION DATE : NOV 15 2007****BRIDGE OVER THIRD CREEK AND APPROACHES ON SR-1521.****ROADWAY ITEMS**

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

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+40.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+40.00 -L-)
24.8	LF	3'-6" DIA DRILLED PIERS IN SOIL
13	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
20.7	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	SPT TESTING
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+40.00 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+40.00 -L-)
250	LF	HP12X53 STEEL PILES
343	TON	RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 018

CONTRACT ID : C201477 32920.3.2

DIV OFFICE SYLVA

LENGTH = 0.052 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, C&G, RET WALL, & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : MAY 15 2009

BRIDGE OVER NORFOLK SOUTHERN CORP & APPROACHES ON SR-1643 (BRIDGE ST) IN CANTON.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+52.00-L1-)			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
100	CY	UNDERCUT EXCAVATION			
100	TON	CLASS IV SUBGRADE STABILIZATION			
100	CY	SELECT GRANULAR MATERIAL			
100	SY	FABRIC FOR SOIL STABILIZATION			
10	TON	GENERIC GRADING ITEM			
30	TON	DISPOSAL OF CONTAMINATED SOIL FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
108	LF	18" RC PIPE CULVERTS, CLASS III			
40	LF	GENERIC PIPE ITEM 24" PVC PIPE			
82	LF	PIPE REMOVAL			
100	TON	INCIDENTAL STONE BASE			
520	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")			
40	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
40	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
145	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
13	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
100	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)			
5	EA	MASONRY DRAINAGE STRUCTURES			
28	LF	MASONRY DRAINAGE STRUCTURES			
3	EA	FRAME WITH TWO GRATES, STD 840.29			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
1	EA	FRAME WITH COVER, STD 840.54			
150	LF	2'-6" CONCRETE CURB & GUTTER			
85	SY	4" CONCRETE SIDEWALK			
2	EA	CONCRETE WHEELCHAIR RAMPS			
3	TON	RIP RAP, CLASS B			
161	SY	FILTER FABRIC FOR DRAINAGE			
16.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
44	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
4	EA	SIGN ERECTION, TYPE E			
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)			
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL			
3	EA	DISPOSAL OF SIGN, D, E OR F			
208	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
116	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
15	EA	DRUMS			
15	EA	CONES			
140	LF	BARRICADES (TYPE III)			

100	HR	FLAGGER			
30	EA	SKINNY DRUM			
1,252	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
291	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
108	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
97	LF	6" WATER LINE			
1	EA	6" VALVE			
1	EA	RELOCATE FIRE HYDRANT			
Lump Sum	LS	GENERIC UTILITY ITEM 6" DI RJ WATER MAIN ATTACHMENT			
335	LF	TEMPORARY SILT FENCE			
115	TON	STONE FOR EROSION CONTROL, CLASS A			
105	TON	STONE FOR EROSION CONTROL, CLASS B			
80	TON	SEDIMENT CONTROL STONE			
1	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
85	CY	SILT EXCAVATION			
160	SY	MATTING FOR EROSION CONTROL			
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			
4	EA	RESPONSE FOR EROSION CONTROL			
1	CY	CONCRETE STEPS			

WALL ITEMS

1,820	SF	GENERIC RETAINING WALL ITEM CAST-IN-PLACE CONCRETE FACED MSE RETAINING WALLS			
800	SF	GENERIC RETAINING WALL ITEM TEMPORARY SHORING			
1,250	SF	GENERIC RETAINING WALL ITEM TEMPORARY TIEBACK RETAINING WALL			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+83.94-L1-)			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (11+83.94-L1-)			
5,287	SF	REINFORCED CONCRETE DECK SLAB			
4,357	SF	GROOVING BRIDGE FLOORS			
76.4	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+83.94-L1-)			
9,593	LB	REINFORCING STEEL (BRIDGE)			
262,400	LS	APPROX LBS STRUCTURAL STEEL			
500	LF	HP12X53 STEEL PILES			
227	SY	4" SLOPE PROTECTION			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	EVAZOTE JOINT SEALS			
Lump Sum	LS	GENERIC STRUCTURE ITEM VIBRATION MONITORING			
255.83	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070515 019

CONTRACT ID : C201796 37735.3.1

DIV OFFICE SYLVA

LENGTH = 3.313 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING, & GUARDRAIL REHAB.

DBE GOAL 8.0% COMPLETION DATE : OCT 01 2008

US-74 & 441 FROM EAST OF SR-1391 (SHULLER COVE RD) TO SR-1514 & SR-1387 (TAYLOR RD).

ROADWAY ITEMS				
			40	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA FLASHING ARROW PANELS, TYPE C
			2	DAY CHANGEABLE MESSAGE SIGN (SHORT TERM)
Lump Sum	LS	MOBILIZATION	160	EA DRUMS
Lump Sum	LS	CONSTRUCTION SURVEYING	160	EA CONES
Lump Sum	LS	GRADING	120	LF BARRICADES (TYPE III)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	960	HR FLAGGER
140	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2	EA TEMPORARY CRASH CUSHIONS
948	LF	15" RC PIPE CULVERTS, CLASS III	2	EA TMIA
72	LF	18" RC PIPE CULVERTS, CLASS III	60	EA TUBULAR MARKERS (FIXED)
172	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	400	LF GENERIC TRAFFIC CONTROL ITEM DEPARTMENT FURNISHED PORTABLE CONCRETE BARRIER
100	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	360	EA TEMPORARY RAISED PAVEMENT MARKERS
24	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	159,878	LF PAINT PAVEMENT MARKING LINES (4")
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	980	LF PAINT PAVEMENT MARKING LINES (8")
55	LF	PIPE REMOVAL	120	LF PAINT PAVEMENT MARKING LINES (24")
15,280	TON	AGGREGATE BASE COURSE	84,452	LF POLYUREA PAVEMENT MARKING LINES (4", *****)
500	TON	INCIDENTAL STONE BASE		(HIGHLY REFLECTIVE ELEMENTS)
80	SY	INCIDENTAL MILLING	1,600	LF POLYUREA PAVEMENT MARKING LINES (8", *****)
5,650	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		(HIGHLY REFLECTIVE ELEMENTS)
6,320	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	60	LF POLYUREA PAVEMENT MARKING LINES (24", *****)
650	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		(HIGHLY REFLECTIVE ELEMENTS)
360	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	45	EA POLYUREA PAVEMENT MARKING SYMBOL (*****)
5,720	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED		(HIGHLY REFLECTIVE ELEMENTS)
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	900	LF REMOVAL OF PAVEMENT MARKING LINES (4")
62,320	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	1,096	EA SNOWPLOWABLE PAVEMENT MARKERS
12.98	CY	PIPE COLLARS	1,940	LF TEMPORARY SILT FENCE
43	EA	MASONRY DRAINAGE STRUCTURES	45	TON STONE FOR EROSION CONTROL, CLASS A
83.5	LF	MASONRY DRAINAGE STRUCTURES	50	TON STONE FOR EROSION CONTROL, CLASS B
11	EA	FRAME WITH TWO GRATES, STD 840.24	140	TON SEDIMENT CONTROL STONE
28	EA	FRAME WITH TWO GRATES, STD 840.29	3.5	ACR TEMPORARY MULCHING
4	EA	FRAME WITH COVER, STD 840.54	150	LB SEED FOR TEMPORARY SEEDING
1	EA	GENERIC DRAINAGE ITEM BOLT DOWN RING AND COVER	0.5	TON FERTILIZER FOR TEMPORARY SEEDING
120	LF	1'-6" CONCRETE CURB & GUTTER	620	CY SILT EXCAVATION
40	LF	SHOULDER BERM GUTTER	8,770	SY MATTING FOR EROSION CONTROL
10	SY	4" CONCRETE PAVED DITCH	905	LF 1/4" HARDWARE CLOTH
1,290	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	3.5	ACR SEEDING & MULCHING
10,640	LF	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE)	2.5	ACR MOWING
460	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	50	LB SEED FOR REPAIR SEEDING
1	EA	ADJUSTMENT OF DROP INLETS	0.25	TON FERTILIZER FOR REPAIR SEEDING
15	EA	IMPACT ATTENUATOR UNIT, TYPE 350	100	LB SEED FOR SUPPLEMENTAL SEEDING
137.5	LF	STEEL BM GUARDRAIL	2.5	TON FERTILIZER TOPDRESSING
50	LF	STEEL BM GUARDRAIL, SHOP CURVED	1	HR SPECIALIZED HAND MOWING
2,487.5	LF	STEEL BM GUARDRAIL, DOUBLE FACED	12	EA RESPONSE FOR EROSION CONTROL
5	EA	ADDITIONAL GUARDRAIL POSTS	924	SF PILE PANEL RETAINING WALLS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2,844	SF GENERIC RETAINING WALL ITEM GABION AND RENO MATTRESS RETAINING WALLS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350		
6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77		
410	LF	REMOVE EXISTING GUARDRAIL		
10	TON	RIP RAP, CLASS B		
25	SY	FILTER FABRIC FOR DRAINAGE		
604	SF	WORK ZONE SIGNS (STATIONARY)		
104	SF	WORK ZONE SIGNS (PORTABLE)		

