




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

September 18, 2012

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

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

Subject: ***2006 Metric Standard Specifications for Roads and Structures and 2006 Metric Roadway Standard Drawings***

In 1999, the North Carolina Department of Transportation elected to return to the English measurement system when developing project plans as a result of the elimination of the FHWA metric requirement in the 1998 TEA 21 legislation. However, design efforts had already begun on approximately sixty projects utilizing the metric measurement system. Of those, some remained metric and were let under the 2002 Specifications and Standards, and some were re-engineered (converted) to English plans. Currently, there are fourteen projects that will be designed, let and constructed utilizing the 2006 Metric Specifications and Standards. See attached list for project information and tentative let dates.

The Metric Specifications Book is a mirror image of the 2006 (English) Specifications Book, except for the conversion to metric units and dimensions. The 2006 Metric Standard Drawings is a mirror image of the 2006 (English) Standard Drawings, except that Standards 840.25 and 700.01 have been updated to match Details 840D25 and 700D01. The Specifications and Standards are available in .pdf on the Contract Standards and Development Unit's Website at: <http://www.ncdot.org/doh/preconstruct/ps/contracts/default.html>

The 2006 Metric Specifications and Standards are being printed within the Department and are available for purchase. Due to the small number of metric projects to be let over the next several years, a limited number will be printed. Therefore we ask that you review the attached list of projects and not order immediately if projects of interest to you are further out in the future. This will allow us to manage the printing demands much more efficiently. The 2006 Metric Standard Specifications for Roads and Structures and the 2006 Metric Roadway Standard Drawings are \$25.00 each plus 6.75% North Carolina sales tax. To request a copy, please contact Rick Montanez at 919-707-6944, or place your order electronically at the following Website: <http://www.ncdot.org/business/order/puborder.html>

If you have any questions, I can be reached at (919) 707-6900.

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

TELEPHONE: 919-707-6900
FAX: 919-250-4119
WEBSITE: WWW.NCDOT.ORG

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

UPDATED September 18, 2012

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
R-2241A	5	PERSON	US 501 FROM NC 49 IN ROXBORO TO SR 1602	APRIL 16, 2013




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July 24, 2012

Notice To: All Prospective Bidders
From: R.A. Garris, P.E. 
State Contract Officer
Subject: New Project Letting Website

In an effort to increase internal and external business collaboration, NCDOT is upgrading its entire web infrastructure. NCDOT is in the process of moving all business-focused content off ncdot.gov and placing it on the new Connect NCDOT website.

Connect NCDOT will be for our external business partners. Forms, documents, letting and all other business related content is being moved to Connect NCDOT. The Connect NCDOT site will be available mid-August.

A screenshot of the new Connect NCDOT site is included below. If you have any questions, I can be reached at (919) 707-6900.

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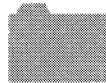
Connect NCDOT Home

Bringing Business and Government together with online collaboration.



Doing Business

How to work with the North Carolina Department of Transportation.



Projects

For businesses working on NCDOT Projects & Contracts.



Resources

Data & documents needed to work with the NCDOT.



Organizations

Government agencies & other non-business groups working with NCDOT.



Your Account

You are not signed in.

Please sign in to your account. If you would like an account, please click the 'Get An Account' button below.

Sign In

Get An Account



Support & Help

First Time User?

If this is your first visit to our site, please read this brief User's Guide for more information.



Need Assistance Signing into Your Account?

Information about accessing a Connect NCDOT Team Site.



Problems with Your Account?

From time to time an issue may arise with your account. This page answers several common questions and provides links for account management.



Support via Email

Contact the helpdesk and submit a ticket for further assistance.



Data

Public data and additional information sources.



Featured Downloads

Frequently requested files, applications, and forms.



Manuals

Directory of guides and handbooks.



Maps

Project, Statewide and county maps.



Training

Classes, certifications, and online training.

Was this page helpful?






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July 24, 2012

Notice To: All Prospective Bidders
From: R.A. Garris, P.E. 
State Contract Officer
Subject: Changes to FHWA – 1273

A Notice was published in the June 25, 2012 Federal Register announcing the availability of revised form FHWA-1273. Federal-aid recipients must incorporate the revised form in Federal-aid construction projects no later than August 9, 2012. The FHWA has published the revision and an explanation of the changes at the following website:

<http://www.fhwa.dot.gov/programadmin/contracts/1273/>.

Beginning with the August 21, 2012 letting, the Department is incorporating the revised Standard Special Provision entitled *FHWA-1273 Required Contract Provisions Federal-Aid Construction Contracts* into all Federal-aid projects. A copy of the provision is attached.

If you have any questions, I can be reached at (919) 707-6900.

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STANDARD SPECIAL PROVISION

REQUIRED CONTRACT PROVISIONS FEDERAL - AID CONSTRUCTION CONTRACTS

FHWA - 1273 Electronic Version - May 1, 2012

Z-8

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

- A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.
3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.
4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. **Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the

Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

- a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.
 - b. The contractor will accept as its operating policy the following statement:
"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."
2. **EEO Officer:** The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.
3. **Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:
- a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.
 - b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.
 - c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.
 - d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.
 - e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.
4. **Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.
- a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.
 - b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.
 - c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.
5. **Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:
- a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.
 - b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.
 - c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.
 - d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.
6. **Training and Promotion:**
- a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.
 - b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).
 - c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.
 - d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. **Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:
 - a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.
 - b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.
 - c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.
 - d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.
8. **Reasonable Accommodation for Applicants / Employees with Disabilities:** The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.
9. **Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.
 - a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.
 - b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.
10. **Assurance Required by 49 CFR 26.13(b):**
 - a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.
 - b. The contractor or subcontractor 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 DOT-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 contracting agency deems appropriate.
11. **Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.
 - a. The records kept by the contractor shall document the following:
 - (1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;
 - (2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and
 - (3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;
 - b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. **Minimum wages**

- a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

- b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:
- (i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
 - (ii) The classification is utilized in the area by the construction industry; and
 - (iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
- c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
- d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. **Withholding.** The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. **Payrolls and basic records**

- a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the

registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

- b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency.
 - (2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
 - (i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;
 - (ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
 - (iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
 - (3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.
 - (4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.
- c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

- a. Apprentices (programs of the USDOL). Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- b. Trainees (programs of the USDOL). Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is

an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.
 - d. Apprentices and Trainees (programs of the U.S. DOT). Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.
5. **Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.
 6. **Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.
 7. **Contract termination: debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
 8. **Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.
 9. **Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.
 10. **Certification of eligibility.**
 - a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. **Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
2. **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.
3. **Withholding for unpaid wages and liquidated damages.** The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.
4. **Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items

may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

- a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:
 - (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
 - (2) the prime contractor remains responsible for the quality of the work of the leased employees;
 - (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
 - (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.
 - b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.
2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.
 3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.
 4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.
 5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.
2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).
3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.
- c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.
- d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
- g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

- a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:
 - (1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;
 - (2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and
 - (4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

- b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.
2. **Instructions for Certification - Lower Tier Participants:**
(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)
- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
 - b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
 - c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
 - d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
 - e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
 - f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
 - g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
 - h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
 - i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Participants:

- 1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.
- 2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

- 1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:
 - a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
 - b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- 2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON OCTOBER 16, 2012. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

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
<https://connect.ncdot.gov/letting/Pages/>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

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 (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT 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 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "**N.C. DEPARTMENT OF TRANSPORTATION**".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS SEPTEMBER 18, 2012.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Fussell, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	John W Rouse, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Richard W Hancock, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
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 L121016

RPN	Contract Id	WBS	County	Length	JobType
001	C202658	33690.3.1	BEAUFORT	0.150 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C203134	45455.3.1	BERTIE	14.860 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
003	C203136	45456.3.1	BERTIE	10.600 MI	WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
004	C203179	45455.3.1 ETC.	BERTIE	25.460 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
005	C203135	45459.3.1	MARTIN	12.840 MI	MILLING & RESURFACING.
006	C203183	1C.094039 ETC.	WASHINGTON, HYDE, TYRRELL	14.380 MI	MILLING & RESURFACING.
007	C203186	3C.065998	NEW HANOVER	3.970 MI	WIDENING, DRAINAGE, MILLING & RESURFACING.
008	C203184	4CR.10511.23	JOHNSTON	10.310 MI	MILLING AND RESURFACING.
009	C203182	4CR.10961.21	WAYNE	9.110 MI	MILLING & RESURFACING.
010	C202235	33819.3.1	WAKE	0.313 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE REMOVAL.
011	C202948	35196.3.21	CUMBERLAND	2.743 KM	PAVING, SIGNING, AND SIGNALS.
012	C202826	36492.3.4	CUMBERLAND	1.696 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
013	C203175	34762.3.4	ORANGE	0.748 MI	WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.
014	C203180	7CR.10171.34 ETC	CASWELL	14.924 MI	MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
015	C203181	7CR.10411.48 ETC	GUILFORD, ROCKINGHAM	13.604 MI	MILLING AND RESURFACING.
016	C203015	34839.3.10	FORSYTH	0.531 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
017	C203004	33806.3.1	RUTHERFORD	0.219 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 001

CONTRACT ID : C202658 33690.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.150 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : MAY 30 2014

BRIDGE OVER BROAD CREEK AND APPROACHES ON US-264.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
900	SY	GENERIC MISCELLANEOUS ITEM GEOTEXTILE FOR EMBANKMENT STABILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+77)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
700	CY	UNDERCUT EXCAVATION
1,600	CY	SELECT GRANULAR MATERIAL, CLASS III
700	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
1,000	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
23	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
242	SY	FOUNDATION CONDITIONING GEO- TEXTILE
76	LF	15" DRAINAGE PIPE
64	LF	15" RC PIPE CULVERTS, CLASS IV
400	TON	STABILIZER AGGREGATE
309	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
6	SMI	SHOULDER RECONSTRUCTION
480	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
5,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
336	TON	ASPHALT BINDER FOR PLANT MIX
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
268	LF	SHOULDER BERM GUTTER
1	EA	ADJUSTMENT OF MANHOLES
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
25	TON	RIP RAP, CLASS I
2	TON	RIP RAP, CLASS B
500	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
359	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
70	EA	CONES
64	LF	BARRICADES (TYPE III)
30	DAY	FLAGGER
1,390	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,390	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
520	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
126,720	LF	PAINT PAVEMENT MARKING LINES (4")
215	EA	PERMANENT RAISED PAVEMENT MARKERS
48	LF	12" WATER LINE
1	EA	12" VALVE

48	LF	ABANDON 12" UTILITY PIPE
2,300	LF	TEMPORARY SILT FENCE
250	TON	STONE FOR EROSION CONTROL, CLASS A
30	TON	STONE FOR EROSION CONTROL, CLASS B
90	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
1,500	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
1,510	SY	MATTING FOR EROSION CONTROL
350	LF	1/4" HARDWARE CLOTH
170	SY	FLOATING TURBIDITY CURTAIN
210	LF	WATTLE
25	LB	POLYACRYLAMIDE (PAM)
4	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+77.00-L-)
1	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+77.00-L-)
4,194	SF	CONCRETE WEARING SURFACE
5,189	SF	GROOVING BRIDGE FLOORS
52	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+77.00-L-)
7,810	LB	REINFORCING STEEL (BRIDGE)
720	LF	HP12X53 STEEL PILES
980	LF	HP12X53 GALVANIZED STEEL PILES
14	EA	PILE REDRIVES
255.5	LF	CONCRETE BARRIER RAIL
398	TON	RIP RAP CLASS II (2'-0" THICK)
442	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
1,530	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 002

CONTRACT ID : C203134 45455.3.1

DIV OFFICE EDENTON

LENGTH = 14.860 MI

COUNTY : BERTIE

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 7.0% COMPLETION DATE : OCT 25 2013

NC-308 FROM NC-11 TO US-13/17.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,625	CY	BORROW EXCAVATION
980	TON	INCIDENTAL STONE BASE
29.72	SMI	SHOULDER RECONSTRUCTION
178,307	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
15,330	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
30,970	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
20,750	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,406	TON	ASPHALT BINDER FOR PLANT MIX
1,250	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
875	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
161,572	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
103,196	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
738,626	LF	PAINT PAVEMENT MARKING LINES (4")
750	LF	PAINT PAVEMENT MARKING LINES (24")
36	EA	PAINT PAVEMENT MARKING CHARAC- TER
24	EA	PAINT PAVEMENT MARKING SYMBOL
1,135	EA	PERMANENT RAISED PAVEMENT MARKERS
1,500	LF	TEMPORARY SILT FENCE
575	SY	COIR FIBER MAT
600	LF	COIR FIBER WATTLE
21.79	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L121016 003****CONTRACT ID : C203136 45456.3.1****DIV OFFICE EDENTON****LENGTH = 10.600 MI****COUNTY : BERTIE****WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.****DBE GOAL 8.0% COMPLETION DATE : OCT 25 2013****NC-11 FROM NC-305 TO SR-1108 (INDIAN WOODS RD).****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
2,775	CY	BORROW EXCAVATION
410	TON	INCIDENTAL STONE BASE
21.2	SMI	SHOULDER RECONSTRUCTION
750	SY	INCIDENTAL MILLING
6,350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
18,725	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
12,250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
2,138	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
114,784	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
73,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
269,802	LF	PAINT PAVEMENT MARKING LINES (4")
17	EA	PAINT PAVEMENT MARKING SYMBOL
1,025	EA	PERMANENT RAISED PAVEMENT MARKERS
900	LF	TEMPORARY SILT FENCE
330	SY	COIR FIBER MAT
360	LF	COIR FIBER WATTLE
22.6	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 004

CONTRACT ID : C203179 45455.3.1

DIV OFFICE EDENTON

LENGTH = 25.460 MI

COUNTY : BERTIE

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 8.0% COMPLETION DATE : OCT 25 2013

NC-308 FROM NC-11 TO US-13/17 AND NC-11 FROM NC-305 TO SR-1108 (INDIAN WOODS RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
6,400	CY	BORROW EXCAVATION
1,390	TON	INCIDENTAL STONE BASE
50.92	SMI	SHOULDER RECONSTRUCTION
178,307	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
750	SY	INCIDENTAL MILLING
21,680	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
30,970	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
39,475	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
12,250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
5,544	TON	ASPHALT BINDER FOR PLANT MIX
1,250	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
875	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
276,356	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
176,896	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
29	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,008,428	LF	PAINT PAVEMENT MARKING LINES (4")
750	LF	PAINT PAVEMENT MARKING LINES (24")
36	EA	PAINT PAVEMENT MARKING CHARAC- TER
41	EA	PAINT PAVEMENT MARKING SYMBOL
2,160	EA	PERMANENT RAISED PAVEMENT MARKERS
2,400	LF	TEMPORARY SILT FENCE
905	SY	COIR FIBER MAT
960	LF	COIR FIBER WATTLE
44.39	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 005

CONTRACT ID : C203135 45459.3.1

DIV OFFICE EDENTON

LENGTH = 12.840 MI

COUNTY : MARTIN

MILLING & RESURFACING.

DBE GOAL 6.0% COMPLETION DATE : AUG 02 2013

NC-171 FROM NC-64 TO THE BEAUFORT COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
210,141	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
7,194	SY	INCIDENTAL MILLING
18,745	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,125	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
134,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
77,415	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
212,115	LF	PAINT PAVEMENT MARKING LINES (4")
380	LF	PAINT PAVEMENT MARKING LINES (8")
100	LF	PAINT PAVEMENT MARKING LINES (16")
130	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
26	EA	PAINT PAVEMENT MARKING SYMBOL
1,017	EA	PERMANENT RAISED PAVEMENT MARKERS
1,000	LF	INDUCTIVE LOOP SAWCUT
200	LF	LEAD-IN CABLE (***** (18-4)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L121016 006

CONTRACT ID : C203183 1C.094039
 COUNTY : WASHINGTON, HYDE, TYRRELL
 MILLING & RESURFACING.

DIV OFFICE EDENTON

LENGTH = 14.380 MI

MBE GOAL 2.0% WBE 2.0% COMPLETION DATE : OCT 11 2013

9 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
44,450	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
100	SY	INCIDENTAL MILLING
16,125	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,233	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,153	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
499,274	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L121016 007

CONTRACT ID : C203186 3C.065998

DIV OFFICE CASTLE HAYNE

LENGTH = 3.970 MI

COUNTY : NEW HANOVER

WIDENING, DRAINAGE, MILLING & RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 28 2013

SR-1573 FROM US-421 IN KURE BEACH TO US-421 IN CAROLINA

		ROADWAY ITEMS			
				2,350	LF HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
Lump Sum	LS	MOBILIZATION		29,356	LF PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	CONSTRUCTION SURVEYING		1,000	LF PAINT PAVEMENT MARKING LINES (8")
1	EA	SELECT TREE REMOVAL		955	LF PAINT PAVEMENT MARKING LINES (12")
1,804	CY	BORROW EXCAVATION		446	LF PAINT PAVEMENT MARKING LINES (24")
75	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		20	EA PAINT PAVEMENT MARKING SYMBOL
125	SY	FOUNDATION CONDITIONING GEOTEXTILE		2,900	LF GENERIC PAVEMENT MARKING ITEM THERMO PROFILED PAVEMENT MARKING LINE
12	LF	24" DRAINAGE PIPE		110	EA PERMANENT RAISED PAVEMENT MARKERS
12	LF	12" RC PIPE CULVERTS, CLASS III		449	EA SNOWBLOWABLE PAVEMENT MARKERS
246	LF	15" RC PIPE CULVERTS, CLASS III		4	EA RELOCATE FIRE HYDRANT
92	LF	18" RC PIPE CULVERTS, CLASS III		390	LF TEMPORARY SILT FENCE
344	LF	24" RC PIPE CULVERTS, CLASS III		184	TON STONE FOR EROSION CONTROL, CLASS B
195	TON	INCIDENTAL STONE BASE		208	TON SEDIMENT CONTROL STONE
7.58	SMI	SHOULDER RECONSTRUCTION		3.89	ACR TEMPORARY MULCHING
10,487	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")		300	LF SAFETY FENCE
722	SY	INCIDENTAL MILLING		42	CY SILT EXCAVATION
1,310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		30	SY MATTING FOR EROSION CONTROL
4,663	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		460	LF 1/4" HARDWARE CLOTH
5,281	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		340	LF WATTLE
635	TON	ASPHALT BINDER FOR PLANT MIX		5.16	ACR SEEDING & MULCHING
10	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)		200	LB SEED FOR REPAIR SEEDING
100	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)		1	TON FERTILIZER FOR REPAIR SEEDING
2.24	CY	PIPE COLLARS		700	LF INDUCTIVE LOOP SAWCUT
13	EA	MASONRY DRAINAGE STRUCTURES		100	LF LEAD-IN CABLE (***** (14-2)
6	EA	FRAME WITH COVER, STD 840.54			
11	EA	GENERIC DRAINAGE ITEM BICYCLE SAFE STEEL GRATE & FRAME			
6	EA	RETROFIT EXISTING CURB RAMP			
90	SY	6" CONCRETE DRIVEWAY			
220	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
21	EA	GENERIC PAVING ITEM REMOVE & REPLACE CURB RAMPS			
30	EA	GENERIC PAVING ITEM REMOVE & RESET PRECAST CONC PARKING CURB			
12	EA	ADJUSTMENT OF MANHOLES			
16	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
4	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO 2 GRATE INLET			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
30	EA	TUBULAR MARKERS (FIXED)			
42,893	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
42,052	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)			
446	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L121016 008

CONTRACT ID : C203184 4CR.10511.23

DIV OFFICE WILSON

LENGTH = 10.310 MI

COUNTY : JOHNSTON

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : AUG 15 2013

VARIOUS SECTIONS OF US-301, NC-242, US-70A & NC-96.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
132,082	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
22,985	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,380	TON	ASPHALT BINDER FOR PLANT MIX
26	EA	ADJUSTMENT OF MANHOLES
20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
348,584	LF	PAINT PAVEMENT MARKING LINES (4")
484	LF	PAINT PAVEMENT MARKING LINES (24")
189	EA	PAINT PAVEMENT MARKING SYMBOL
1,200	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L121016 009

CONTRACT ID : C203182 4CR.10961.21

DIV OFFICE WILSON

LENGTH = 9.110 MI

COUNTY : WAYNE

MILLING & RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : AUG 01 2013

US-70 FROM SR-1719 TO LENOIR CO LINE, US-70 WBL FROM SR-1728 TO SR-1721 & NC-55 FROM US-117 ALT TO NC-403.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
21,403	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
1,305	SY	INCIDENTAL MILLING
3,336	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
7,934	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,127	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,116	TON	ASPHALT BINDER FOR PLANT MIX
182,725	LF	PAINT PAVEMENT MARKING LINES (4")
137,151	LF	PAINT PAVEMENT MARKING LINES (6")
1,466	LF	PAINT PAVEMENT MARKING LINES (8")
28	EA	PAINT PAVEMENT MARKING SYMBOL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 010

CONTRACT ID : C202235 33819.3.1

DIV OFFICE DURHAM

LENGTH = 0.313 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE REMOVAL.

DBE GOAL 10.0% COMPLETION DATE : FEB 28 2014

BRIDGE OVER SR-1012 (WESTERN BLVD) AND APPROACHES ON SR-1011 (HILLSBOROUGH ST).

Lump Sum		ROADWAY ITEMS					
	LS	MOBILIZATION		1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	
	LS	GRADING		1,075	LF	REMOVE EXISTING GUARDRAIL	
				120	LF	CHAIN LINK FENCE RESET	
				620	LF	GENERIC FENCING ITEM	
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		350	TON	PEDESTRIAN SAFETY RAIL	
						RIP RAP, CLASS B	
200	CY	UNDERCUT EXCAVATION		1,830	SY	GEOTEXTILE FOR DRAINAGE	
780	CY	DRAINAGE DITCH EXCAVATION		1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	
200	CY	SELECT GRANULAR MATERIAL		201	LB	SUPPORTS, BREAKAWAY STEEL BEAM	
800	SY	GEOTEXTILE FOR SOIL STABILIZATION		1,058	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
100	TON	GENERIC GRADING ITEM		3	EA	SIGN ERECTION, TYPE D	
		HAULING & DISPOSAL OF PETROLEUM CONTAMINATED SOIL		44	EA	SIGN ERECTION, TYPE E	
434	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	
1,270	SY	FOUNDATION CONDITIONING GEOTEXTILE		34	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	
3,284	LF	15" DRAINAGE PIPE		517	SF	WORK ZONE SIGNS (STATIONARY)	
384	LF	18" DRAINAGE PIPE		1,063	SF	WORK ZONE SIGNS (PORTABLE)	
24	LF	24" DRAINAGE PIPE		263	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
2	EA	*** PIPE END SECTION (15")		3	EA	FLASHING ARROW BOARD	
2	EA	*** PIPE END SECTION (18")		3	EA	PORTABLE CHANGEABLE MESSAGE SIGN	
40	LF	15" CS PIPE CULVERTS, 0.064" THICK		50	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	
48	LF	GENERIC PIPE ITEM		310	EA	DRUMS	
		15" ID SMOOTH STEEL PIPE, 0.5" WALL THICKNESS, GRADE B		50	EA	CONES	
110	LF	PIPE REMOVAL		368	LF	BARRICADES (TYPE III)	
200	CY	SHALLOW UNDERCUT		61	DAY	FLAGGER	
400	TON	CLASS IV SUBGRADE STABILIZATION		2	EA	TMA	
593	TON	AGGREGATE BASE COURSE		160	HR	LAW ENFORCEMENT	
600	TON	INCIDENTAL STONE BASE		100	EA	SKINNY DRUM	
538	GAL	PRIME COAT		430	EA	TEMPORARY RAISED PAVEMENT MARKERS	
3,470	SY	INCIDENTAL MILLING		5,659	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
3,540	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		5,288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
3,540	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		469	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	
3,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		702	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	
90	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		1,538	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
530	TON	ASPHALT BINDER FOR PLANT MIX		32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		50	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
4	EA	RIGHT OF WAY MARKERS		36,698	LF	PAINT PAVEMENT MARKING LINES (4")	
0.447	CY	PIPE COLLARS		120	LF	PAINT PAVEMENT MARKING LINES (12")	
0.09	CY	PIPE PLUGS		1,628	LF	PAINT PAVEMENT MARKING LINES (24")	
52	EA	MASONRY DRAINAGE STRUCTURES		16	EA	PAINT PAVEMENT MARKING CHARACTER	
4.51	LF	MASONRY DRAINAGE STRUCTURES		102	EA	PAINT PAVEMENT MARKING SYMBOL	
7	EA	FRAME WITH TWO GRATES, STD 840.16		3	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		146	EA	PERMANENT RAISED PAVEMENT MARKERS	
20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		8	LF	6" SANITARY GRAVITY SEWER	
18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		271	LF	8" SANITARY GRAVITY SEWER	
1	EA	FRAME WITH COVER, STD 840.54		2	EA	4' DIA UTILITY MANHOLE	
4	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET		4.11	LF	UTILITY MANHOLE WALL, 4' DIA	
400	LF	***X*** CONCRETE CURB (8" X 12")		1	EA	ABANDON UTILITY MANHOLE	
6,190	LF	2'-6" CONCRETE CURB & GUTTER		7,500	LF	TEMPORARY SILT FENCE	
3,220	SY	4" CONCRETE SIDEWALK		650	TON	STONE FOR EROSION CONTROL, CLASS A	
2	EA	RETROFIT EXISTING CURB RAMP		200	TON	STONE FOR EROSION CONTROL, CLASS B	
16	EA	CONCRETE CURB RAMP		575	TON	SEDIMENT CONTROL STONE	
200	SY	6" CONCRETE DRIVEWAY		6.5	ACR	TEMPORARY MULCHING	
420	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)		200	LB	SEED FOR TEMPORARY SEEDING	
				1	TON	FERTILIZER FOR TEMPORARY SEEDING	

200	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
770	CY	SILT EXCAVATION
6,000	SY	MATTING FOR EROSION CONTROL
210	SY	PERMANENT SOIL REINFORCEMENT MAT
2,220	LF	1/4" HARDWARE CLOTH
750	LF	WATTLE
250	LB	POLYACRYLAMIDE (PAM)
225	LF	COIR FIBER BAFFLE
5	ACR	SEEDING & MULCHING
3	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
150	LB	SEED FOR SUPPLEMENTAL SEEDING
4.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
18	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)
7,450	LF	SIGNAL CABLE
36	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
15	EA	LOUVER
1,900	LF	MESSENGER CABLE (3/8")
2,820	LF	TRACER WIRE
50	LF	PAVED TRENCHING (***** (1, 2")
1,030	LF	UNPAVED TRENCHING (***** (1, 2")
600	LF	UNPAVED TRENCHING (***** (2, 1-1/4")
350	LF	UNPAVED TRENCHING (***** (2, 2")
75	LF	UNPAVED TRENCHING (***** (FOR TEMPORARY LEAD-IN)
200	LF	DIRECTIONAL DRILL (***** (1, 2")
860	LF	DIRECTIONAL DRILL (***** (2, 1-1/4")
60	LF	DIRECTIONAL DRILL (***** (2, 2")
27	EA	JUNCTION BOX (STANDARD SIZE)
7	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
4	EA	WOOD POLE
10	EA	GUY ASSEMBLY
10	EA	2" RISER WITH WEATHERHEAD
1	EA	HEAT SHRINK TUBING RETROFIT KIT
4,450	LF	INDUCTIVE LOOP SAWCUT
11,150	LF	LEAD-IN CABLE (***** (14-2)
3,450	LF	COMMUNICATIONS CABLE (**FIBER) (48)
2	EA	SPLICE ENCLOSURE
2	EA	FIBER-OPTIC TRANSCEIVER, SELF- HEALING RING
3	EA	DELINEATOR MARKER
12	EA	METAL STRAIN SIGNAL POLE
12	EA	SOIL TEST
96	CY	DRILLED PIER FOUNDATION
23	EA	SIGN FOR SIGNALS
11	EA	TYPE II PEDESTAL WITH FOUND- ATION
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
12	EA	DETECTOR CARD (TYPE 2070L)
3	EA	CABINET BASE EXTENDER
1	EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY
1	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
910	LF	GENERIC SIGNAL ITEM REMOVE & REINSTALL EXISTING DROP CABLE ASSEMBLY
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+00 -L2-)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 011

CONTRACT ID : C202948 35196.3.21

DIV OFFICE FAYETTEVILLE

LENGTH = 2.743 KM

COUNTY : CUMBERLAND

PAVING, SIGNING, AND SIGNALS.

DBE GOAL 9.0% COMPLETION DATE : NOV 28 2014

I-295 (FAYETTEVILLE OUTER LOOP) FROM WEST OF NC-24/87 (BRAGG BLVD) TO NC-210 (MURCHISON RD).

ROADWAY ITEMS				
		27	M2	WORK ZONE SIGNS (PORTABLE)
		9	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
		1	EA	FLASHING ARROW PANELS, TYPE C
Lump Sum	LS	30	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
		128	EA	DRUMS
		75	EA	CONES
		110	M	BARRICADES (TYPE III)
		128	EA	TUBULAR MARKERS (FIXED)
		1,101	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
		146	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
		45	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
		609	EA	PERMANENT RAISED PAVEMENT MARKERS
		Lump Sum	LS	PORTABLE LIGHTING
		1,150	M	TEMPORARY SILT FENCE
		475	MTN	STONE FOR EROSION CONTROL, CLASS A
		465	MTN	STONE FOR EROSION CONTROL, CLASS B
		765	MTN	SEDIMENT CONTROL STONE
		300	M	TEMPORARY SLOPE DRAINS
		12	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
		1,000	M3	SILT EXCAVATION
		5,000	M2	MATTING FOR EROSION CONTROL
		50	M2	PERMANENT SOIL REINFORCEMENT MAT
		925	M	6.4MM HARDWARE CLOTH
		500	M	WATTLE
		100	KG	POLYACRYLAMIDE (PAM)
		200	M	COIR FIBER BAFFLE
		10	HA	SEEDING & MULCHING
		2	HA	MOWING
		275	KG	SEED FOR REPAIR SEEDING
		1	MTN	FERTILIZER FOR REPAIR SEEDING
		450	KG	SEED FOR SUPPLEMENTAL SEEDING
		25.75	MTN	FERTILIZER TOPDRESSING
		20	MHR	SPECIALIZED HAND MOWING
		30	EA	RESPONSE FOR EROSION CONTROL
		Lump Sum	LS	GENERIC EROSION CONTROL ITEM REMOVAL OF EROSION CONTROL DEVICES
		1,087	M	SIGNAL CABLE
		30	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
		735	M	MESSENGER CABLE (9.52MM)
		5	M	PAVED TRENCHING (***** (1.50MM)
		650	M	UNPAVED TRENCHING (***** (1.50MM)
		50	M	DIRECTIONAL DRILL (***** (1.50MM)
		28	EA	JUNCTION BOX (STANDARD SIZE)
		6	EA	50MM RISER WITH WEATHERHEAD
		735	M	INDUCTIVE LOOP SAWCUT
		3,730	M	LEAD-IN CABLE (***** (14-2)
		6	EA	900MHZ WIRELESS RADIO SYSTEM
		15	EA	METAL STRAIN SIGNAL POLE
		15	EA	SOIL TEST
		75	M3	DRILLED PIER FOUNDATION
		7	EA	SIGN FOR SIGNALS
		4	EA	SIGNAL CABINET FOUNDATION
		4	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
		16	EA	DETECTOR CARD (TYPE 2070L)
		4	EA	CABINET BASE EXTENDER
				***** BEGIN SCHEDULE AA *****
				***** (2 ALTERNATES) *****
		44,600	MTN	AGGREGATE BASE COURSE
		13,900	M3	SHOULDER BORROW
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			CONSTRUCTION SURVEYING
	20	HR		PROOF ROLLING
Lump Sum	LS			FINE GRADING
	5,000	MTN		STABILIZER AGGREGATE
	310	M		750MM CONCRETE CURB & GUTTER
	1,100	M		SHOULDER BERM GUTTER
	1,380	M		CONCRETE EXPRESSWAY GUTTER
	250	M2		125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	177	M		PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
	20	EA		ADJUSTMENT OF DROP INLETS
	3,840.48	M		STEEL BM GUARDRAIL
	10	EA		ADDITIONAL GUARDRAIL POSTS
	16	EA		GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	17	EA		GUARDRAIL ANCHOR UNITS, TYPE 350
	3	EA		GUARDRAIL ANCHOR UNITS, TYPE M-350
	16	EA		GUARDRAIL ANCHOR UNITS, TYPE B-77
	15.24	M		REMOVE EXISTING GUARDRAIL
	650	M2		FILTER FABRIC FOR DRAINAGE
	11	M3		REINFORCED CONCRETE SIGN FOUNDATIONS
	138	M3		OVERHEAD FOOTING
	2,208	KG		SUPPORTS, BREAKAWAY STEEL BEAM
	1,025	KG		SUPPORTS, SIMPLE STEEL BEAM
	377	M		SUPPORTS, 4.5-KG STEEL U-CHANNEL
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (12+50 -LP2B-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (15+90 -Y2-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (18+00 -Y2-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+00 -FLYOVER-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+70 -Y2-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+50 -Y1-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (28+60 -Y1-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+00 -Y1-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (41+02 -COL2-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+53 -L-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (51+70 -CDR-)
Lump Sum	LS			SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (55+48 -L-)
	1	EA		SIGN ERECTION, TYPE D
	41	EA		SIGN ERECTION, TYPE E
	5	EA		SIGN ERECTION, TYPE F
	1	EA		SIGN ERECTION, TYPE *** (OVERHEAD)
	11	EA		SIGN ERECTION, TYPE *** (GROUND MOUNTED)

5,500	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
21,800	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
17,100	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,300	MTN	ASPHALT BINDER FOR PLANT MIX
13,410	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
13,194	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
2,419	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
		*** OR ***
16,100	MTN	AGGREGATE BASE COURSE
12,100	M3	SHOULDER BORROW
10,900	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
7,400	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
5,800	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4,200	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,460	MTN	ASPHALT BINDER FOR PLANT MIX
20,400	M2	*****MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (240MM)
23,600	M2	*****MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (280MM)
10,000	M2	*****MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (240MM)
9,900	M2	*****MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (280MM)
13,410	M	GENERIC PAVING ITEM MILLED RUMBLE STRIPS (CONC SHOULDER)
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT
5,600	M2	CONCRETE SHOULDERS ADJACENT TO *****MM PAVEMENT (240MM)
8,700	M2	CONCRETE SHOULDERS ADJACENT TO *****MM PAVEMENT (280MM)
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
3,550	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
1,002	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
11,011	M	POLYUREA PAVEMENT MARKING LINES (100MM, *****) (HIGHLY REFLECTIVE ELEMENTS)

*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 012

CONTRACT ID : C202826 36492.3.4

DIV OFFICE FAYETTEVILLE

LENGTH = 1.696 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : MAY 13 2016

NC-210 (MURCHISON RD) FROM NORTH OF HONEYCUTT RD TO BUTNER RD.

ROADWAY ITEMS					
			500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
Lump Sum	LS	MOBILIZATION	12,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	6,950	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
4	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	34,010	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
83,500	CY	UNCLASSIFIED EXCAVATION	40,270	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+82.86 -Y3)	5,710	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
45,000	CY	UNDERCUT EXCAVATION	39,800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
479,000	CY	BORROW EXCAVATION	6,430	TON	ASPHALT BINDER FOR PLANT MIX
1,950	CY	DRAINAGE DITCH EXCAVATION	880	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
530	LF	BERM DITCH CONSTRUCTION	10,000	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
29,120	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	380	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (8")
47,400	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	118	CY	SUBDRAIN EXCAVATION
30	HR	PROOF ROLLING	100	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
56,720	CY	SELECT GRANULAR MATERIAL, CLASS III	84	CY	SUBDRAIN FINE AGGREGATE
4,500	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	17	CY	SUBDRAIN COARSE AGGREGATE
1	EA	GENERIC GRADING ITEM ENERGY DISSIPATOR BASIN	350	LF	6" PERFORATED SUBDRAIN PIPE
3,133	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	2	EA	SUBDRAIN PIPE OUTLET
9,890	SY	FOUNDATION CONDITIONING GEO- TEXTILE	12	LF	6" OUTLET PIPE
1,132	LF	*** SIDE DRAIN PIPE (30")	16.2	CY	ENDWALLS
556	LF	*** SIDE DRAIN PIPE (42")	5	CY	REINFORCED ENDWALLS
44	LF	*** SIDE DRAIN PIPE (48")	5.868	CY	PIPE COLLARS
3,184	LF	15" SIDE DRAIN PIPE	5.392	CY	PIPE PLUGS
1,280	LF	18" SIDE DRAIN PIPE	57.92	CY	FLOWABLE FILL
1,316	LF	24" SIDE DRAIN PIPE	286	EA	MASONRY DRAINAGE STRUCTURES
8,260	LF	15" RC PIPE CULVERTS, CLASS III	164	LF	MASONRY DRAINAGE STRUCTURES
1,956	LF	18" RC PIPE CULVERTS, CLASS III	2	EA	FRAME WITH GRATE, STD 840.24
2,576	LF	24" RC PIPE CULVERTS, CLASS III	71	EA	FRAME WITH TWO GRATES, STD 840.16
3,240	LF	30" RC PIPE CULVERTS, CLASS III	7	EA	FRAME WITH TWO GRATES, STD 840.20
1,096	LF	36" RC PIPE CULVERTS, CLASS III	18	EA	FRAME WITH TWO GRATES, STD 840.22
304	LF	48" RC PIPE CULVERTS, CLASS III	4	EA	FRAME WITH TWO GRATES, STD 840.29
260	LF	54" RC PIPE CULVERTS, CLASS III	20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
1,412	LF	15" RC PIPE CULVERTS, CLASS IV	73	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
448	LF	18" RC PIPE CULVERTS, CLASS IV	72	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
72	LF	24" RC PIPE CULVERTS, CLASS IV	27	EA	FRAME WITH COVER, STD 840.54
296	LF	30" RC PIPE CULVERTS, CLASS IV	39	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
164	LF	15" CS PIPE CULVERTS, 0.064" THICK	27	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
40	LF	18" CS PIPE CULVERTS, 0.064" THICK	5,850	LF	***X*** CONCRETE CURB (8" X 18")
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	16,600	LF	1'-6" CONCRETE CURB & GUTTER
100	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, (UNDER RR) (15", 0.500")	30,200	LF	2'-6" CONCRETE CURB & GUTTER
8,368	LF	PIPE REMOVAL	50	LF	SHOULDER BERM GUTTER
60	SY	6" SLOPE PROTECTION	6,200	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	FINE GRADING	74	EA	CONCRETE CURB RAMP
250	TON	#57 STONE	680	SY	6" CONCRETE DRIVEWAY
400	CY	SHALLOW UNDERCUT	20	SY	4" CONCRETE PAVED DITCH
750	TON	CLASS IV SUBGRADE STABILIZA- TION	1,730	SY	4" CONCRETE ISLAND COVER
250	TON	STABILIZER AGGREGATE	4,020	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
54,990	TON	AGGREGATE BASE COURSE	200	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
100	TON	INCIDENTAL STONE BASE	2,790	LF	CONCRETE BARRIER, TYPE ***** (T)
			4	EA	CONCRETE BARRIER TRANSITION SECTION

			183	LB	SUPPORTS, SIMPLE STEEL BEAM
			2,687	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
		Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (102+50 -L-)	
60	LF	GENERIC PAVING ITEM			
		MEDIAN HAZARD PROTECTION			
17	EA	ADJUSTMENT OF CATCH BASINS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (120+00 -L-)
18	EA	ADJUSTMENT OF DROP INLETS			
35	EA	ADJUSTMENT OF MANHOLES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (132+00 -L-)
85	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
1	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (149+50 -L-)
4	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (15+00 -Y7-)
1	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (166+00 -L-)
2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (182+00 -L-)
1	EA	CONVERT EXISTING JUNCTION BOX TO CATCH BASIN	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (19+50 -Y3-)
5	EA	IMPACT ATTENUATOR UNIT, TYPE 350	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (191+45 -L-)
1,875	LF	STEEL BM GUARDRAIL	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (22+00 -Y4-)
50	LF	STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+50 -Y3RPA-)
375	LF	STEEL BM GUARDRAIL, DOUBLE FACED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (26+00 -Y3-)
10	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (93+00 -L-)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	Lump Sum	LS	SIGN ERECTION, TYPE D
5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	Lump Sum	LS	SIGN ERECTION, TYPE E
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	Lump Sum	LS	SIGN ERECTION, TYPE F
1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	Lump Sum	LS	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
7	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	Lump Sum	LS	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
750	LF	REMOVE EXISTING GUARDRAIL			
4,100	LF	WOVEN WIRE FENCE, 47" FABRIC	5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
260	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	155	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
			6	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
			1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)
			2	EA	DISPOSAL OF SUPPORT, STEEL BEAM
			2	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
			3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
			137	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
			1,130	SF	WORK ZONE SIGNS (STATIONARY)
			730	SF	WORK ZONE SIGNS (PORTABLE)
			430	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			4	EA	FLASHING ARROW BOARD
			5	EA	PORTABLE CHANGEABLE MESSAGE SIGN
			40	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
			500	EA	DRUMS
			100	EA	CONES
			612	LF	BARRICADES (TYPE III)
			100	DAY	FLAGGER
			5	EA	TEMPORARY CRASH CUSHIONS
			8	EA	RESET TEMPORARY CRASH CUSHION
			4	EA	TMA
			5,300	LF	PORTABLE CONCRETE BARRIER
			8,300	LF	RESET PORTABLE CONCRETE BARRIER
			1,720	LF	WATER FILLED BARRIER
			450	LF	RESET WATER FILLED BARRIER
			100	HR	LAW ENFORCEMENT
			300	EA	SKINNY DRUM
			2,142	EA	TEMPORARY RAISED PAVEMENT MARKERS
195	CY	OVERHEAD FOOTING			
9,765	LB	SUPPORTS, BREAKAWAY STEEL BEAM			

			3,900	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")
22,420	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	1,760	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")
19,133	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	10	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
26,377	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	4	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)
17,537	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
2,377	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	Lump Sum	LS	PORTABLE LIGHTING
1,122	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	274	LF	2" WATER LINE
3,458	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	150	LF	4" WATER LINE
1,676	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	3,043	LF	6" WATER LINE
374	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)	345	LF	8" WATER LINE
1,204	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	267	LF	12" WATER LINE
90	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	841	LF	16" WATER LINE
71	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1	EA	2" VALVE
1,308	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	1	EA	4" VALVE
790	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	9	EA	6" VALVE
43,050	LF	PAINT PAVEMENT MARKING LINES (4")	1	EA	8" VALVE
900	LF	PAINT PAVEMENT MARKING LINES (8")	1	EA	12" VALVE
224	LF	PAINT PAVEMENT MARKING LINES (16")	35	EA	RELOCATE WATER METER
360	LF	PAINT PAVEMENT MARKING LINES (24")	7	EA	RECONNECT WATER METER
34	EA	PAINT PAVEMENT MARKING CHARAC- TER	9	EA	RELOCATE FIRE HYDRANT
26	EA	PAINT PAVEMENT MARKING SYMBOL	779	LF	10" SANITARY GRAVITY SEWER
5,271	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	510	LF	2" FORCE MAIN SEWER
71	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	10	EA	4' DIA UTILITY MANHOLE
7	EA	PERMANENT RAISED PAVEMENT MARKERS	36	LF	UTILITY MANHOLE WALL, 4' DIA
1,640	EA	SNOWPLOWABLE PAVEMENT MARKERS	947	LF	ABANDON 10" UTILITY PIPE
2	EA	80' HIGH MOUNT STANDARD	254	LF	ABANDON 12" UTILITY PIPE
3	EA	100' HIGH MOUNT STANDARD	7,150	LF	ABANDON 16" UTILITY PIPE
1	EA	PORTABLE DRIVE UNIT	6	EA	REMOVE WATER METER
33	CY	HIGH MOUNT FOUNDATIONS	4	EA	ABANDON UTILITY MANHOLE
16	EA	HIGH MOUNT LUMINAIRES ***** (400W HPS)	1	EA	GENERIC UTILITY ITEM RELOCATE VALVE VAULT
18	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)	2	EA	GENERIC UTILITY ITEM REMOVE UTILITY VAULT
1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)	52,100	LF	TEMPORARY SILT FENCE
50	LF	ELECTRIC SERVICE LATERAL ***** (3,#1/0 USE)	3,370	TON	STONE FOR EROSION CONTROL, CLASS A
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (SSPM)	9,085	TON	STONE FOR EROSION CONTROL, CLASS B
150	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	8,060	TON	SEDIMENT CONTROL STONE
110	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")	85	ACR	TEMPORARY MULCHING
40	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	2,150	LB	SEED FOR TEMPORARY SEEDING
130	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")	11.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
60	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")	7,500	LF	TEMPORARY SLOPE DRAINS
120	LF	** #8 W/G FEEDER CIRCUIT (2)	3,000	LF	SAFETY FENCE
310	LF	** #6 W/G FEEDER CIRCUIT (2)	10,750	CY	SILT EXCAVATION
240	LF	** #4 W/G FEEDER CIRCUIT (2)	69,000	SY	MATTING FOR EROSION CONTROL
310	LF	** #2 W/G FEEDER CIRCUIT (2)	1,650	SY	COIR FIBER MAT
520	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	6,210	SY	PERMANENT SOIL REINFORCEMENT MAT
900	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	15,350	LF	1/4" HARDWARE CLOTH
			8	EA	SPECIAL STILLING BASINS
			3,900	LF	WATTLE
			2,425	LB	POLYACRYLAMIDE (PAM)
			3,500	LF	COIR FIBER BAFFLE
			18	EA	** SKIMMER (1-1/2")
			75	ACR	SEEDING & MULCHING
			35	ACR	MOWING
			900	LB	SEED FOR REPAIR SEEDING
			3.75	TON	FERTILIZER FOR REPAIR SEEDING
			2,250	LB	SEED FOR SUPPLEMENTAL SEEDING
			66.75	TON	FERTILIZER TOPDRESSING
			100	LF	IMPERVIOUS DIKE
			100	MHR	SPECIALIZED HAND MOWING
			175	EA	RESPONSE FOR EROSION CONTROL
			1	ACR	REFORESTATION
			75	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE
			4	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
			10,400	LF	SIGNAL CABLE
			71	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			7	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
			2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
			2	EA	LOUVER
			3	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
			250	LF	MESSENGER CABLE (1/4")
			3,570	LF	MESSENGER CABLE (3/8")

			450	LF	PP ** X **** GALVANIZED STEEL PILES (24 X 0.50)
60	LF	PAVED TRENCHING (*****) (1,2")	6	EA	PIPE PILE PLATES
1,280	LF	UNPAVED TRENCHING (*****) (1,2")	41	EA	PILE REDRIVES
590	LF	UNPAVED TRENCHING FOR TEMP-ORARY LEAD-IN	323.7	LF	THREE BAR METAL RAIL
400	LF	DIRECTIONAL DRILL (*****) (1,2")	472.77	LF	CONCRETE BARRIER RAIL
16	EA	JUNCTION BOX (STANDARD SIZE)	333.7	LF	*** CHAIN LINK FENCE (104")
6	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	1,646	SY	4" SLOPE PROTECTION
15	EA	WOOD POLE	Lump Sum	LS	POT BEARINGS
26	EA	GUY ASSEMBLY	Lump Sum	LS	ELASTOMERIC BEARINGS
6	EA	1" RISER WITH WEATHERHEAD	Lump Sum	LS	FOAM JOINT SEALS
26	EA	2" RISER WITH WEATHERHEAD	Lump Sum	LS	EXPANSION JOINT SEALS
10,620	LF	INDUCTIVE LOOP SAWCUT			
21,610	LF	LEAD-IN CABLE (*****) (14-2)			
400	LF	DROP CABLE			
1	EA	MODIFY SPLICE ENCLOSURE			
3	EA	900MHZ RADIO			
12	EA	METAL STRAIN SIGNAL POLE			
12	EA	SOIL TEST			
72	CY	DRILLED PIER FOUNDATION			
12	EA	SIGN FOR SIGNALS			
1	EA	TYPE I POST WITH FOUNDATION			
4	EA	SIGNAL CABINET FOUNDATION			
4	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
31	EA	DETECTOR CARD (TYPE 2070L)			
1	EA	TRAFFIC SIGNAL REMOVAL			
4	EA	METAL POLE FOUNDATION REMOVAL			
4	EA	METAL POLE REMOVAL			
1	EA	GENERIC SIGNAL ITEM 900MHZ WIRELESS REPEATER STANDALONE RADIO SYSTEM			
1	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY			
1	EA	GENERIC SIGNAL ITEM VIDEO ENCODER TRANSMITTER			
Lump Sum	LS	GENERIC SIGNAL ITEM CENTRAL SOFTWARE MODIFICATIONS			

WALL ITEMS

830	SF	SOLDIER PILE RETAINING WALLS
275	LF	GENERIC RETAINING WALL ITEM CONCRETE BARRIER RAIL WITH MOMENT SLAB
10,450	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 1
6,470	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 2
12,500	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 3
4,420	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 4
4,160	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 5
1,080	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 7
1,060	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 8

STRUCTURE ITEMS

2	EA	PDA TESTING
24,355	SF	REINFORCED CONCRETE DECK SLAB
24,889	SF	GROOVING BRIDGE FLOORS
229	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (132+79.28 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (172+95.63 -L-)
35,335	LB	REINFORCING STEEL (BRIDGE)
1,007.88	LF	54" PRESTRESSED CONCRETE GIR- DERS
1,083,400	LS	APPROX LBS STRUCTURAL STEEL
3,595	LF	HP12X53 STEEL PILES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 013

CONTRACT ID : C203175 34762.3.4

DIV OFFICE GREENSBORO

LENGTH = 0.748 MI

COUNTY : ORANGE

WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL 13.0% COMPLETION DATE : DEC 28 2014

NC-86 (S COLUMBIA ST) FROM SR-1906 (PUREFOY RD) TO SR-1902 (MANNING DR).

Lump Sum		ROADWAY ITEMS			
	LS	MOBILIZATION	12	LF	6" OUTLET PIPE
	LS	GRADING	4.5	CY	ENDWALLS
	1	ACR	1.009	CY	PIPE COLLARS
		SUPPLEMENTARY CLEARING & GRUB- BING	0.882	CY	PIPE PLUGS
	350	CY	40.3	CY	FLOWABLE FILL
	1,720	CY	76	EA	MASONRY DRAINAGE STRUCTURES
	250	CY	31.6	LF	MASONRY DRAINAGE STRUCTURES
	450	SY	15	EA	FRAME WITH TWO GRATES, STD 840.16
		GEOTEXTILE FOR SOIL STABILIZA- TION	1	EA	FRAME WITH TWO GRATES, STD 840.24
	100	CY	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
		GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	740	TON	23	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
		FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	7	EA	FRAME WITH COVER, STD 840.54
	1,680	SY	120	LF	***X*** CONCRETE CURB (9" X 18")
		FOUNDATION CONDITIONING GEO- TEXTILE	7,830	LF	2'-6" CONCRETE CURB & GUTTER
	76	LF	30	LF	CONCRETE EXPRESSWAY GUTTER
		15" RC PIPE CULVERTS, CLASS III	3,410	SY	4" CONCRETE SIDEWALK
	36	LF	1	EA	RETROFIT EXISTING CURB RAMP
		30" RC PIPE CULVERTS, CLASS III	38	EA	CONCRETE CURB RAMP
	172	LF	180	SY	6" CONCRETE DRIVEWAY
		42" RC PIPE CULVERTS, CLASS III	70	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	1,932	LF	720	SY	GENERIC PAVING ITEM REMOVE AND RESET BRICK SIDE- WALK
	358	LF	10	EA	ADJUSTMENT OF MANHOLES
		18" RC PIPE CULVERTS, CLASS IV	2,000	LF	GENERIC FENCING ITEM TEMPORARY 72" CHAIN LINK FENCE
	1,420	LF	360	TON	RIP RAP, CLASS I
		24" RC PIPE CULVERTS, CLASS IV	20	TON	RIP RAP, CLASS B
	556	LF	3,230	SY	GEOTEXTILE FOR DRAINAGE
		30" RC PIPE CULVERTS, CLASS IV	890	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	16	LF	1	EA	SIGN ERECTION, TYPE D
		15" CS PIPE CULVERTS, 0.064" THICK	44	EA	SIGN ERECTION, TYPE E
		24" CS PIPE CULVERTS, 0.064" THICK	5	EA	SIGN ERECTION, TYPE F
	332	LF	61	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
		30" CS PIPE CULVERTS, 0.079" THICK	675	SF	WORK ZONE SIGNS (STATIONARY)
	2	EA	890	SF	WORK ZONE SIGNS (PORTABLE)
		*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	61	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	2	EA	2	EA	FLASHING ARROW BOARD
		*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
	2	EA	58	EA	DRUMS
		*** CS PIPE ELBOWS, ***** THICK (30", 0.079")	356	LF	BARRICADES (TYPE III)
	40	LF	660	DAY	FLAGGER
		*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625", B)	2	EA	TMA
	40	LF	2,211	LF	WATER FILLED BARRIER
		*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625", B)	3,887	LF	RESET WATER FILLED BARRIER
	32	LF	270	EA	SKINNY DRUM
		GENERIC PIPE ITEM TEMPORARY 12" PLASTIC CORRUGATED PIPE	7,380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	920.4	LF	11,560	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		PIPE REMOVAL	500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
	40	TON	2,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
		#57 STONE	33	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
	2,000	CY	142	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		SHALLOW UNDERCUT	63,200	LF	PAINT PAVEMENT MARKING LINES (4")
	4,000	TON	1,430	LF	PAINT PAVEMENT MARKING LINES (8")
		CLASS IV SUBGRADE STABILIZA- TION	2,650	LF	PAINT PAVEMENT MARKING LINES (24")
	500	TON			
		STABILIZER AGGREGATE			
	1,500	TON			
		INCIDENTAL STONE BASE			
	880	SY			
		MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")			
	4,210	SY			
		MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 3")			
	280	SY			
		INCIDENTAL MILLING			
	4,210	TON			
		ASPHALT CONC BASE COURSE, TYPE B25.0B			
	4,100	TON			
		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
	3,120	TON			
		ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
	640	TON			
		ASPHALT BINDER FOR PLANT MIX			
	405	TON			
		ASPHALT PLANT MIX, PAVEMENT REPAIR			
	224	CY			
		SUBDRAIN EXCAVATION			
	168	CY			
		SUBDRAIN FINE AGGREGATE			
	1,000	LF			
		6" PERFORATED SUBDRAIN PIPE			
	2	EA			
		SUBDRAIN PIPE OUTLET			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L121016 014

CONTRACT ID : C203180 7CR.10171.34

DIV OFFICE ALBEMARLE

LENGTH = 14.924 MI

COUNTY : CASWELL

MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : AUG 30 2013

US-158 FROM NC-86 TO THE PERSON CO LINE & 2 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
922	TON	INCIDENTAL STONE BASE
15.5	SMI	SHOULDER RECONSTRUCTION
390	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
1,773	SY	INCIDENTAL MILLING
9,625	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
16,614	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,538	TON	ASPHALT BINDER FOR PLANT MIX
86,207	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
109,384	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT MAT COAT, #67 STONE
82,555	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
72,229	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
67	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
275,091	LF	PAINT PAVEMENT MARKING LINES (4")
600	EA	PERMANENT RAISED PAVEMENT MARKERS
600	EA	SNOWFLOWABLE PAVEMENT MARKERS
2.82	ACR	SEEDING & MULCHING
3	ACR	RESIDENTIAL SEEDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L121016 015

CONTRACT ID : C203181 7CR.10411.48
 COUNTY : GUILFORD, ROCKINGHAM
 MILLING AND RESURFACING.

DIV OFFICE GREENSBORO

LENGTH = 13.604 MI

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : AUG 07 2013

VARIOUS SECTIONS OF US-158, US-220 BUS, NC-14 & NC-68 AND 1 SECTION OF SECONDARY ROAD.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
889	TON	INCIDENTAL STONE BASE
22,350	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
4,256	SY	INCIDENTAL MILLING
16,207	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
10,109	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,652	TON	ASPHALT BINDER FOR PLANT MIX
47,014	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
247,045	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
23	EA	RETROFIT EXISTING CURB RAMP
1	EA	ADJUSTMENT OF DROP INLETS
35	EA	ADJUSTMENT OF MANHOLES
26	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
68,625	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
111,715	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
334	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,931	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
598	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,083	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
313	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
217,858	LF	PAINT PAVEMENT MARKING LINES (4")
450	EA	PERMANENT RAISED PAVEMENT MARKERS
900	EA	SNOWPLOWABLE PAVEMENT MARKERS
200	LF	PAVED TRENCHING (*****) (1, 2")
3,510	LF	UNPAVED TRENCHING (*****) (1, 2")
43	EA	JUNCTION BOX (STANDARD SIZE)
15	EA	2" RISER WITH WEATHERHEAD
5,328	LF	INDUCTIVE LOOP SAWCUT
5,700	LF	LEAD-IN CABLE (*****) (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 016

CONTRACT ID : C203015 34839.3.10

DIV OFFICE WINSTON-SALEM

LENGTH = 0.531 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 12.0% COMPLETION DATE : JAN 11 2015

BRIDGE #366 OVER US-421 ON SR-2667 (HASTINGS HILL RD).

ROADWAY ITEMS				
			2,450	LF STEEL BM GUARDRAIL
			25	LF STEEL BM GUARDRAIL, SHOP CURVED
			2	EA STEEL BM GUARDRAIL TERMINAL SECTIONS
			10	EA ADDITIONAL GUARDRAIL POSTS
			1	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1
			1	EA GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			6	EA GUARDRAIL ANCHOR UNITS, TYPE 350
			6	EA GUARDRAIL ANCHOR UNITS, TYPE B-77
			1,880	LF REMOVE EXISTING GUARDRAIL
			940	LF WOVEN WIRE FENCE, 47" FABRIC
			60	EA 4" TIMBER FENCE POSTS, 7'-6" LONG
			30	EA 5" TIMBER FENCE POSTS, 8'-0" LONG
			70	TON RIP RAP, CLASS I
			165	TON RIP RAP, CLASS B
			2,115	SY GEOTEXTILE FOR DRAINAGE
			156	LF SUPPORTS, 3-LB STEEL U-CHANNEL
			12	EA SIGN ERECTION, TYPE E
			17	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			888	SF WORK ZONE SIGNS (STATIONARY)
			224	SF WORK ZONE SIGNS (PORTABLE)
			106	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
			4	EA FLASHING ARROW BOARD
			2	EA PORTABLE CHANGEABLE MESSAGE SIGN
			80	EA DRUMS
			200	LF BARRICADES (TYPE III)
			480	HR FLAGGER
			4	EA TEMPORARY CRASH CUSHIONS
			3	EA TMA
			1,640	LF PORTABLE CONCRETE BARRIER
			96	HR LAW ENFORCEMENT
			25	EA SKINNY DRUM
			36	EA TEMPORARY RAISED PAVEMENT MARKERS
			120	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			35	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			2	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			10,425	LF PAINT PAVEMENT MARKING LINES (4")
			1,654	LF PAINT PAVEMENT MARKING LINES (6")
			17,378	LF POLYUREA PAVEMENT MARKING LINES (4", *****)
				(HIGHLY REFLECTIVE ELEMENTS)
			1,654	LF REMOVAL OF PAVEMENT MARKING LINES (6")
			668	LF 16" WATER LINE
			2	EA 16" VALVE
			2	EA RELOCATE WATER METER
			2	EA RELOCATE FIRE HYDRANT
			290	LF ABANDON 16" UTILITY PIPE
			132	LF ABANDON 30" UTILITY PIPE
			166	LF 36" ENCASMENT PIPE
			83	LF TRENCHLESS INSTALLATION OF 36" IN SOIL
			83	LF TRENCHLESS INSTALLATION OF 36" NOT IN SOIL
			5,700	LF TEMPORARY SILT FENCE
			360	TON STONE FOR EROSION CONTROL, CLASS A
			2,770	TON STONE FOR EROSION CONTROL, CLASS B
			1,070	TON SEDIMENT CONTROL STONE
			15	ACR TEMPORARY MULCHING
			500	LB SEED FOR TEMPORARY SEEDING
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	CONSTRUCTION SURVEYING		
89,600	CY	UNCLASSIFIED EXCAVATION		
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		
1,200	CY	UNDERCUT EXCAVATION		
Lump Sum	LS	GRADING		
80	CY	DRAINAGE DITCH EXCAVATION		
2,200	SY	GEOTEXTILE FOR SOIL STABILIZATION		
640	SF	TEMPORARY SHORING		
327	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES		
1,010	SY	FOUNDATION CONDITIONING GEOTEXTILE		
76	LF	15" SIDE DRAIN PIPE		
1,220	LF	15" RC PIPE CULVERTS, CLASS III		
1,008	LF	18" RC PIPE CULVERTS, CLASS III		
452	LF	24" RC PIPE CULVERTS, CLASS III		
92	LF	30" RC PIPE CULVERTS, CLASS III		
48	LF	15" RC PIPE CULVERTS, CLASS IV		
100	LF	15" CS PIPE CULVERTS, 0.064" THICK		
44	LF	18" CS PIPE CULVERTS, 0.064" THICK		
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")		
599	LF	PIPE REMOVAL		
675	CY	SHALLOW UNDERCUT		
1,250	TON	CLASS IV SUBGRADE STABILIZATION		
5,800	TON	AGGREGATE BASE COURSE		
200	TON	INCIDENTAL STONE BASE		
421	GAL	PRIME COAT		
670	SY	INCIDENTAL MILLING		
970	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
1,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
1,590	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
720	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
1,920	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
530	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		
360	TON	ASPHALT BINDER FOR PLANT MIX		
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
39	EA	RIGHT OF WAY MARKERS		
224	CY	SUBDRAIN EXCAVATION		
168	CY	SUBDRAIN FINE AGGREGATE		
1,000	LF	6" PERFORATED SUBDRAIN PIPE		
2	EA	SUBDRAIN PIPE OUTLET		
12	LF	6" OUTLET PIPE		
1.4	CY	PIPE COLLARS		
28	EA	MASONRY DRAINAGE STRUCTURES		
6.5	LF	MASONRY DRAINAGE STRUCTURES		
5	EA	FRAME WITH TWO GRATES, STD 840.20		
5	EA	FRAME WITH TWO GRATES, STD 840.22		
13	EA	FRAME WITH TWO GRATES, STD 840.24		
2	EA	FRAME WITH TWO GRATES, STD 840.29		
3	EA	FRAME WITH COVER, STD 840.54		
100	LF	SHOULDER BERM GUTTER		
450	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED		

3	TON	FERTILIZER FOR TEMPORARY SEED- ING
1,170	LF	TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
2,350	CY	SILT EXCAVATION
14,000	SY	MATTING FOR EROSION CONTROL
50	SY	COIR FIBER MAT
5,000	SY	PERMANENT SOIL REINFORCEMENT MAT
1,050	LF	1/4" HARDWARE CLOTH
210	LF	COIR FIBER WATTLE
540	LB	POLYACRYLAMIDE (PAM)
710	LF	COIR FIBER BAFFLE
5	EA	*** SKIMMER (1-1/2")
12	ACR	SEEDING & MULCHING
8	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
425	LB	SEED FOR SUPPLEMENTAL SEEDING
12.5	TON	FERTILIZER TOPDRESSING
40	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL

WALL ITEMS

644	SF	GENERIC RETAINING WALL ITEM CIP GRAVITY RETAINING WALL
3,787	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO1
2,898	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO2

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (68+06.51-Y5A)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 68+06.51-Y5A)
1	EA	PDA TESTING
8,297	SF	REINFORCED CONCRETE DECK SLAB
8,392	SF	GROOVING BRIDGE FLOORS
187.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (68+06.51-Y5A)
30,398	LB	REINFORCING STEEL (BRIDGE)
1,213	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
840.21	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
1,975	LF	HP12X53 STEEL PILES
21	EA	STEEL PILE POINTS
427.95	LF	CONCRETE BARRIER RAIL
33.4	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L121016 017

CONTRACT ID : C203004 33806.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.219 MI

COUNTY : RUTHERFORD

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : APR 30 2014

BRIDGE #69 OVER CSX RAILROAD ON SR-1576.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (30+66.99)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
150	CY	UNDERCUT EXCAVATION
42	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
200	SY	GEOTEXTILE FOR SOIL STABILIZATION
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
120	SY	FOUNDATION CONDITIONING GEOTEXTILE
104	LF	15" DRAINAGE PIPE
96	LF	18" DRAINAGE PIPE
88	LF	30" DRAINAGE PIPE
6	EA	*** DRAINAGE PIPE ELBOWS (15")
56	LF	15" SIDE DRAIN PIPE
100	LF	PIPE REMOVAL
70	CY	SHALLOW UNDERCUT
125	TON	CLASS IV SUBGRADE STABILIZATION
1,446	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
40.25	GAL	PRIME COAT
45	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
560	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
440	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
60	TON	ASPHALT BINDER FOR PLANT MIX
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
27	EA	RIGHT OF WAY MARKERS
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
480	LF	SHOULDER BERM GUTTER
987.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
114	LF	REMOVE EXISTING GUARDRAIL
7	TON	RIP RAP, CLASS I
5	TON	RIP RAP, CLASS B
875	SY	GEOTEXTILE FOR DRAINAGE
14	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
642	SF	WORK ZONE SIGNS (STATIONARY)
104	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
38	EA	DRUMS
96	LF	BARRICADES (TYPE III)
9,240	LF	PAINT PAVEMENT MARKING LINES (4")

88	LF	PAINT PAVEMENT MARKING LINES (16")
44	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARACTER
1,950	LF	TEMPORARY SILT FENCE
300	TON	STONE FOR EROSION CONTROL, CLASS A
225	TON	STONE FOR EROSION CONTROL, CLASS B
160	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
260	LF	TEMPORARY SLOPE DRAINS
500	CY	SILT EXCAVATION
3,000	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
305	SY	PERMANENT SOIL REINFORCEMENT MAT
280	LF	1/4" HARDWARE CLOTH
230	LF	WATTLE
60	LB	POLYACRYLAMIDE (PAM)
350	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
1	ACR	SEEDING & MULCHING
0.6	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (30+66.99-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (30+66.99-L-)
5,186	SF	REINFORCED CONCRETE DECK SLAB
5,520	SF	GROOVING BRIDGE FLOORS
100.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+66.99-L-)
11,119	LB	REINFORCING STEEL (BRIDGE)
621.33	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
505	LF	HP12X53 STEEL PILES
575	LF	PP ** X **** GALVANIZED STEEL PILES (30 x 0.50)
303.09	LF	TWO BAR METAL RAIL
318.33	LF	1'-***X ***** CONCRETE PARAPET (1'-2" x 2'-6")
314.33	LF	*** CHAIN LINK FENCE (72")
Lump Sum	LS	ELASTOMERIC BEARINGS

