




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

October 18, 2011

**NOTICE TO:** All Prequalified Bidders

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

**SUBJECT:** **Davis-Bacon Act (DBA) Wage Determinations**

Your attention is directed to the fact that the U.S. Department of Labor has recently published new North Carolina wage determinations applicable to certain Federal-Aid highway construction contracts. The new wage determinations were published on September 30, 2011 and can be found at the following website <http://www.wdol.gov/>.

As such, all applicable Federal-Aid highway construction projects advertised for the November 15, 2011 Highway Letting contain the appropriate new wage determination.

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

**MAILING ADDRESS:**  
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WEBSITE: [www.NCDOT.ORG](http://www.NCDOT.ORG)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
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NOTICE TO: To all Prequalified Contractors

FROM: R.A. Garris, PE   
State Contract Officer

SUBJECT: *2012 Standard Specifications and 2012 Roadway Standard Drawings*

The subject publications will be effective with the January 2012 let and are currently available for purchase on the following website: <http://www.ncdot.gov/business/order/puborder.html>. If you have questions concerning ordering these publications, please contact Rick Montanez at (919) 707-6944.

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September 20, 2011

**NOTICE TO:** All Prequalified Bidders

**FROM:** R.A. Garris, P.E.   
State Contract Engineer

**SUBJECT:** Revision of the “Disadvantaged Business Enterprise” and the  
“Minority Business Enterprise and Women Business  
Enterprise” Project Special Provisions

Beginning with the November 15, 2011 letting, the above subject project special provisions are to be effective on all Federal and State funded contracts.

Over the past year, the North Carolina Department of Transportation has been working with the contracting industry and the Federal Highway Administration on revisions to the “Disadvantaged Business Enterprise” special provision to make clarifications and enhancements. Likewise, these revisions are mirrored in the “Minority Business Enterprise and Women Business Enterprise” special provision. Attached for your convenience are copies of these provisions.

The Department encourages you to read the special provisions as there are changes to the way DBE or MBE and WBE participation is submitted with the bid and how they are considered toward the advertised goal. Please review the changes to the good faith effort requirements, the addition of the joint check and the replacement forms, how to count disadvantaged prime contractors toward the goal, the clarification of the use of leases in trucking, the addition of new forms such as the SAF (Subcontractor Approval Form) and Subcontractor Quote Comparison Sheet in good faith efforts, and the use of the [DBE@ncdot.gov](mailto:DBE@ncdot.gov) e-mail address for submittals.

It should be noted that with the changes to the special provisions, there will also be changes to the way that the DBE, MBE, and WBE firms are keyed in the Expedite bid system. At the time of bid, bidders shall submit all DBE or MBE and WBE participation that they anticipate to use during the life of the contract. Additional DBE or MBE and WBE participation submitted at the time of bid will be used toward the

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Department's overall race-neutral goals, may be used for MBE/WBE banking, and may later be used to replace a committed firm of the same category which is terminated for good cause.

Commitment to use the firm comes at the time that the bidder submits their Letter of Intent to use that firm on the project. When Letters of Intent are submitted, it must be for the same cost as what was submitted at time of bid. Letters of Intent for DBE goals will not commit participation greater than the advertised goal. Letters of Intent for MBE/WBE goals may exceed the goal to bank participation in accordance with the special provision but will not commit participation greater than the advertised goal.

If you have any questions on the special provision, you can contact Mr. Michael McKoy or Ms. Terry Canales, P.E. at 919-733-7174.

**Attachments**

## **DISADVANTAGED BUSINESS ENTERPRISE:**

(10-16-07)(Rev 11-15-11)

SP1 G61

### **Description**

The purpose of this Special Provision is to carry out the U.S. Department of Transportation's policy of ensuring nondiscrimination in the award and administration of contracts financed in whole or in part with Federal funds. This provision is guided by 49 CFR Part 26.

### **Definitions**

*Additional DBE Subcontractors* - Any DBE submitted at the time of bid that will not be used to meet the DBE goal. No submittal of a Letter of Intent is required.

*Committed DBE Subcontractor* - Any DBE submitted at the time of bid that is being used to meet the DBE goal by submission of a Letter of Intent. Or any DBE used as a replacement for a previously committed DBE firm.

*Contract Goal Requirement* - The approved DBE participation at time of award, but not greater than the advertised contract goal.

*DBE Goal* - A portion of the total contract, expressed as a percentage, that is to be performed by committed DBE subcontractor(s).

*Disadvantaged Business Enterprise (DBE)* - A firm certified as a Disadvantaged Business Enterprise through the North Carolina Unified Certification Program.

*Goal Confirmation Letter* - Written documentation from the Department to the bidder confirming the Contractor's approved, committed DBE participation along with a listing of the committed DBE firms.

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

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

*North Carolina Unified Certification Program (NCUCP)* - A program that provides comprehensive services and information to applicants for DBE certification, such that an applicant is required to apply only once for a DBE certification that will be honored by all

recipients of USDOT funds in the state and not limited to the Department of Transportation only. The Certification Program is in accordance with 49 CFR Part 26.

*United States Department of Transportation (USDOT)* - Federal agency responsible for issuing regulations (49 CFR Part 26) and official guidance for the DBE program.

### **Forms and Websites Referenced in this Provision**

*DBE Payment Tracking System* - On-line system in which the Contractor enters the payments made to DBE subcontractors who have performed work on the project.  
<https://apps.dot.state.nc.us/Vendor/PaymentTracking/>

*DBE-IS Subcontractor Payment Information* - Form for reporting the payments made to all DBE firms working on the project. This form is for paper bid projects only.  
<http://www.ncdot.org/doh/forms/files/DBE-IS.xls>

*RF-1 DBE Replacement Request Form* - Form for replacing a committed DBE.  
[https://apps.dot.state.nc.us/\\_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/RF-1.pdf](https://apps.dot.state.nc.us/_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/RF-1.pdf)

*SAF Subcontract Approval Form* - Form required for approval to sublet the contract.  
[http://www.ncdot.org/doh/operations/dp\\_chief\\_eng/constructionunit/saf.xls](http://www.ncdot.org/doh/operations/dp_chief_eng/constructionunit/saf.xls)

*JC-1 Joint Check Notification Form* - Form and procedures for joint check notification. The form acts as a written joint check agreement among the parties providing full and prompt disclosure of the expected use of joint checks.  
[https://apps.dot.state.nc.us/\\_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/JC-1.pdf](https://apps.dot.state.nc.us/_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/JC-1.pdf)

*Letter of Intent* - Form signed by the Contractor and the DBE subcontractor, manufacturer or regular dealer that affirms that a portion of said contract is going to be performed by the signed DBE for the amount listed at the time of bid.  
<http://www.ncdot.org/doh/preconstruct/ps/contracts/letterofintent.pdf>

*Listing of DBE Subcontractors Form* - Form for entering DBE subcontractors on a project that will meet this DBE goal. This form is for paper bids only.  
<http://www.ncdot.gov/doh/preconstruct/ps/word/MISC2.doc>

*Subcontractor Quote Comparison Sheet* - Spreadsheet for showing all subcontractor quotes in the work areas where DBEs quoted on the project. This sheet is submitted with good faith effort packages.  
[http://www.ncdot.gov/business/ocs/goodfaith/excel/Ex\\_Subcontractor\\_Quote\\_Comparison.xls](http://www.ncdot.gov/business/ocs/goodfaith/excel/Ex_Subcontractor_Quote_Comparison.xls)

## **DBE Goal**

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

Disadvantaged Business Enterprises **[number to the nearest tenth] %**

- (A) *If the DBE goal is more than zero*, the Contractor shall exercise all necessary and reasonable steps to ensure that DBEs participate in at least the percent of the contract as set forth above as the DBE goal.
- (B) *If the DBE goal is zero*, the Contractor shall make an effort to recruit and use DBEs during the performance of the contract. Any DBE participation obtained shall be reported to the Department.

## **Directory of Transportation Firms (Directory)**

Real-time information is available about firms doing business with the Department and firms that are certified through NCUCP in the Directory of Transportation Firms. Only firms identified in the Directory as DBE certified shall be used to meet the DBE goal. The Directory can be found at the following link. <https://partner.ncdot.gov/VendorDirectory/default.html>

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

## **Listing of DBE Subcontractors**

At the time of bid, bidders shall submit all DBE participation that they anticipate to use during the life of the contract. Only those identified to meet the DBE goal will be considered committed, even though the listing shall include both committed DBE subcontractors and additional DBE subcontractors. Additional DBE subcontractor participation submitted at the time of bid will be used toward the Department's overall race-neutral goal. Only those firms with current DBE certification at the time of bid opening will be acceptable for listing in the bidder's submittal of DBE participation. The Contractor shall indicate the following required information:

### **(A) Electronic Bids**

Bidders shall submit a listing of DBE participation in the appropriate section of Expedite, the bidding software of Bid Express®.

- (1) Submit the names and addresses of DBE firms identified to participate in the contract. If the bidder uses the updated listing of DBE firms shown in Expedite, the bidder may use the dropdown menu to access the name and address of the DBE firm.

- (2) Submit the contract line numbers of work to be performed by each DBE firm. When no figures or firms are entered, the bidder will be considered to have no DBE participation.
- (3) The bidder shall be responsible for ensuring that the DBE is certified at the time of bid by checking the Directory of Transportation Firms. If the firm is not certified at the time of the bid-letting, that DBE's participation will not count towards achieving the DBE goal.

(B) Paper Bids

**Blank forms will not be deemed to represent zero participation.** Bids submitted that do not have DBE participation indicated on the appropriate form will not be read publicly during the opening of bids. The Department will not consider these bids for award and the proposal will be rejected.

- (1) *If the DBE goal is more than zero,*
  - (a) Bidders, at the time the bid proposal is submitted, shall submit a listing of DBE participation, including the names and addresses on *Listing of DBE Subcontractors* contained elsewhere in the contract documents in order for the bid to be considered responsive. Bidders shall indicate the total dollar value of the DBE participation for the contract.
  - (b) If bidders have no DBE participation, they shall indicate this on the *Listing of DBE Subcontractors* by entering the word "None" or the number "0." This form shall be completed in its entirety.
  - (c) The bidder shall be responsible for ensuring that the DBE is certified at the time of bid by checking the Directory of Transportation Firms. If the firm is not certified at the time of the bid-letting, that DBE's participation will not count towards achieving the DBE goal.
- (2) *If the DBE goal is zero,* bidders, at the time the bid proposal is submitted, shall enter the word "None"; or the number "0"; or if there is participation, add the value on the *Listing of DBE Subcontractors* contained elsewhere in the contract documents.

**DBE Prime Contractor**

When a certified DBE firm bids on a contract that contains a DBE goal, the DBE firm is responsible for meeting the goal or making good faith efforts to meet the goal, just like any other bidder. In most cases, a DBE bidder on a contract will meet the DBE goal by virtue of the work it performs on the contract with its own forces. However, all the work that is performed by the DBE bidder and any other DBE subcontractors will count toward the DBE goal. The DBE bidder shall list itself along with any DBE subcontractors, if any, in order to receive credit toward the DBE goal.



For example, if the DBE goal is 45% and the DBE bidder will only perform 40% of the contract work, the prime will list itself at 40%, and the additional 5% shall be obtained through additional DBE participation with DBE subcontractors or documented through a good faith effort.

DBE prime contractors shall also follow Sections A and B listed under *Listing of DBE Subcontractor* just as a non-DBE bidder would.

### **Written Documentation – Letter of Intent**

The bidder shall submit written documentation for each DBE that will be used to meet the DBE goal of the contract, indicating the bidder's commitment to use the DBE in the contract. This documentation shall be submitted on the Department's form titled *Letter of Intent*.

The documentation shall be received in the office of the State Contractor Utilization Engineer or at DBE@ncdot.gov no later than 12:00 noon of the sixth calendar day following opening of bids, unless the sixth day falls on an official state holiday. In that situation, it is due in the office of the State Contractor Utilization Engineer no later than 12:00 noon on the next official state business day.

If the bidder fails to submit the Letter of Intent from each committed DBE to be used toward the DBE goal, or if the form is incomplete (i.e. both signatures are not present), the DBE participation will not count toward meeting the DBE goal. If the lack of this participation drops the commitment below the DBE goal, the Contractor shall submit evidence of good faith efforts, completed in its entirety, to the State Contractor Utilization Engineer or DBE@ncdot.gov no later than 12:00 noon on the eighth calendar day following opening of bids, unless the eighth day falls on an official state holiday. In that situation, it is due in the office of the State Contractor Utilization Engineer no later than 12:00 noon on the next official state business day.

### **Submission of Good Faith Effort**

If the bidder fails to meet or exceed the DBE goal the apparent lowest responsive bidder shall submit to the Department documentation of adequate good faith efforts made to reach the DBE goal.

A hard copy and an electronic copy of this information shall be received in the office of the State Contractor Utilization Engineer or at DBE@ncdot.gov no later than 12:00 noon of the sixth calendar day following opening of bids unless the sixth day falls on an official state holiday. In that situation, it would be due in the office of the State Contractor Utilization Engineer the next official state business day. If the contractor cannot send the information electronically, then one complete set and 9 copies of this information shall be received under the same time constraints above.

**Note:** Where the information submitted includes repetitious solicitation letters, it will be acceptable to submit a representative letter along with a distribution list of the firms that were solicited. Documentation of DBE quotations shall be a part of the good faith effort submittal.

This documentation may include written subcontractor quotations, telephone log notations of verbal quotations, or other types of quotation documentation.

### **Consideration of Good Faith Effort for Projects with DBE Goals More Than Zero**

Adequate good faith efforts mean that the bidder took all necessary and reasonable steps to achieve the goal which, by their scope, intensity, and appropriateness, could reasonably be expected to obtain sufficient DBE participation. Adequate good faith efforts also mean that the bidder actively and aggressively sought DBE participation. Mere *pro forma* efforts are not considered good faith efforts.

The Department will consider the quality, quantity, and intensity of the different kinds of efforts a bidder has made. Listed below are examples of the types of actions a bidder will take in making a good faith effort to meet the goal and are not intended to be exclusive or exhaustive, nor is it intended to be a mandatory checklist.

- (A) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices through the use of the NCDOT Directory of Transportation Firms) the interest of all certified DBEs who have the capability to perform the work of the contract. The bidder must solicit this interest within at least 10 days prior to bid opening to allow the DBEs to respond to the solicitation. Solicitation shall provide the opportunity to DBEs within the Division and surrounding Divisions where the project is located. The bidder must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
- (B) Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
- (C) Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- (D) (1) Negotiating in good faith with interested DBEs. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.

- (2) A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidding contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.
- (E) Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associates and political or social affiliations (for example, union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.
- (F) Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or bidder.
- (G) Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (H) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; Federal, State, and local minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs. Contact within 7 days from the bid opening the Business Development Manager in the Business Opportunity and Work Force Development Unit to give notification of the bidder's inability to get DBE quotes.
- (I) Any other evidence that the bidder submits which shows that the bidder has made reasonable good faith efforts to meet the DBE goal.

In addition, the Department may take into account the following:

- (1) Whether the bidder's documentation reflects a clear and realistic plan for achieving the DBE goal.
- (2) The bidders' past performance in meeting the DBE goals.
- (3) The performance of other bidders in meeting the DBE goal. For example, when the apparent successful bidder fails to meet the DBE goal, but others meet it, you may reasonably raise the question of whether, with additional reasonable efforts the apparent successful bidder could have met the goal. If the apparent successful bidder fails to meet the DBE goal, but meets or exceeds the average DBE participation obtained by other bidders, the Department may view this,

in conjunction with other factors, as evidence of the apparent successful bidder having made a good faith effort.

If the Department does not award the contract to the apparent lowest responsive bidder, the Department reserves the right to award the contract to the next lowest responsive bidder that can satisfy to the Department that the DBE goal can be met or that an adequate good faith effort has been made to meet the DBE goal.

### **Non-Good Faith Appeal**

The State Contractor Utilization Engineer will notify the contractor verbally and in writing of non-good faith. A contractor may appeal a determination of non-good faith made by the Goal Compliance Committee. If a contractor wishes to appeal the determination made by the Committee, they shall provide written notification to the State Contractual Services Engineer or at DBE@ncdot.gov. The appeal shall be made within 2 business days of notification of the determination of non-good faith.

### **Counting DBE Participation Toward Meeting DBE Goal**

#### **(A) Participation**

The total dollar value of the participation by a committed DBE will be counted toward the contract goal requirement. The total dollar value of participation by a committed DBE will be based upon the value of work actually performed by the DBE and the actual payments to DBE firms by the Contractor.

#### **(B) Joint Checks**

Prior notification of joint check use shall be required when counting DBE participation for services or purchases that involves the use of a joint check. Notification shall be through submission of Form JC-1 (*Joint Check Notification Form*) and the use of joint checks shall be in accordance with the Department's Joint Check Procedures.

#### **(C) Subcontracts (Non-Trucking)**

A DBE may enter into subcontracts. Work that a DBE subcontracts to another DBE firm may be counted toward the contract goal requirement. Work that a DBE subcontracts to a non-DBE firm does not count toward the contract goal requirement. If a DBE contractor or subcontractor subcontracts a significantly greater portion of the work of the contract than would be expected on the basis of standard industry practices, it shall be presumed that the DBE is not performing a commercially useful function. The DBE may present evidence to rebut this presumption to the Department. The Department's decision on the rebuttal of this presumption is subject to review by the Federal Highway Administration but is not administratively appealable to USDOT.

**(D) Joint Venture**

When a DBE performs as a participant in a joint venture, the Contractor may count toward its contract goal requirement a portion of the total value of participation with the DBE in the joint venture, that portion of the total dollar value being a distinct clearly defined portion of work that the DBE performs with its forces.

**(E) Suppliers**

A contractor may count toward its DBE requirement 60 percent of its expenditures for materials and supplies required to complete the contract and obtained from a DBE regular dealer and 100 percent of such expenditures from a DBE manufacturer.

**(F) Manufacturers and Regular Dealers**

A contractor may count toward its DBE requirement the following expenditures to DBE firms that are not manufacturers or regular dealers:

- (1) The fees or commissions charged by a DBE firm for providing a *bona fide* service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of a DOT-assisted contract, provided the fees or commissions are determined to be reasonable and not excessive as compared with fees and commissions customarily allowed for similar services.
- (2) With respect to materials or supplies purchased from a DBE, which is neither a manufacturer nor a regular dealer, count the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on a job site (but not the cost of the materials and supplies themselves), provided the fees are determined to be reasonable and not excessive as compared with fees customarily allowed for similar services.

**Commercially Useful Function**

**(A) DBE Utilization**

The Contractor may count toward its contract goal requirement only expenditures to DBEs that perform a commercially useful function in the work of a contract. A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE shall also be responsible with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material and installing (where applicable) and paying for the material itself. To determine whether a DBE is performing a commercially useful function, the Department will

evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and any other relevant factors.

**(B) DBE Utilization in Trucking**

The following factors will be used to determine if a DBE trucking firm is performing a commercially useful function.

- (1) The DBE shall be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract, and there shall not be a contrived arrangement for the purpose of meeting DBE goals.**
- (2) The DBE shall itself own and operate at least one fully licensed, insured, and operational truck used on the contract.**
- (3) The DBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers it employs.**
- (4) The DBE may subcontract the work to another DBE firm, including an owner-operator who is certified as a DBE. The DBE who subcontracts work to another DBE receives credit for the total value of the transportation services the subcontracted DBE provides on the contract.**
- (5) The DBE may also subcontract the work to a non-DBE firm, including from an owner-operator. The DBE who subcontracts the work to a non-DBE is entitled to credit for the total value of transportation services provided by the non-DBE subcontractor not to exceed the value of transportation services provided by DBE-owned trucks on the contract. Additional participation by non-DBE subcontractors receives credit only for the fee or commission it receives as a result of the subcontract arrangement. The value of services performed under subcontract agreements between the DBE and the Contractor will not count towards the DBE contract requirement.**
- (6) A DBE may lease truck(s) from an established equipment leasing business open to the general public. The lease must indicate that the DBE has exclusive use of and control over the truck. This requirement does not preclude the leased truck from working for others during the term of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck. This type of lease may count toward the DBE's credit as long as the driver is under the DBE's payroll.**

- (7) Subcontracted/leased trucks shall display clearly on the dashboard the name of the DBE that they are subcontracted/leased to and their own company name if it is not identified on the truck itself. Magnetic door signs are not permitted.

## **DBE Replacement**

When a Contractor has relied on a commitment to a DBE firm (or an approved substitute DBE firm) to meet all or part of a contract goal requirement, the contractor shall not terminate the DBE for convenience. This includes, but is not limited to, instances in which the Contractor seeks to perform the work of the terminated subcontractor with another DBE subcontractor, a non-DBE subcontractor, or with the Contractor's own forces or those of an affiliate. A DBE may only be terminated after receiving the Engineer's written approval based upon a finding of good cause for the termination.

All requests for replacement of a committed DBE firm shall be submitted to the Engineer for approval on Form RF-1 (*DBE Replacement Request*). If the Contractor fails to follow this procedure, the Contractor may be disqualified from further bidding for a period of up to 6 months.

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

### **(A) Performance Related Replacement**

When a committed DBE is terminated for good cause as stated above, an additional DBE that was submitted at the time of bid may be used to fulfill the DBE commitment. A good faith effort will only be required for removing a committed DBE if there were no additional DBEs submitted at the time of bid to cover the same amount of work as the DBE that was terminated.

If a replacement DBE is not found that can perform at least the same amount of work as the terminated DBE, the Contractor shall submit a good faith effort documenting the steps taken. Such documentation shall include, but not be limited to, the following:

- (1) Copies of written notification to DBEs that their interest is solicited in contracting the work defaulted by the previous DBE or in subcontracting other items of work in the contract.
- (2) Efforts to negotiate with DBEs for specific subbids including, at a minimum:
  - (a) The names, addresses, and telephone numbers of DBEs who were contacted.
  - (b) A description of the information provided to DBEs regarding the plans and specifications for portions of the work to be performed.
- (3) A list of reasons why DBE quotes were not accepted.

- (4) Efforts made to assist the DBEs contacted, if needed, in obtaining bonding or insurance required by the Contractor.

**(B) Decertification Replacement**

- (1) When a committed DBE is decertified by the Department after the SAF (*Subcontract Approval Form*) has been received by the Department, the Department will not require the Contractor to solicit replacement DBE participation equal to the remaining work to be performed by the decertified firm. The participation equal to the remaining work performed by the decertified firm will count toward the contract goal requirement.
- (2) When a committed DBE is decertified prior to the Department receiving the SAF (*Subcontract Approval Form*) for the named DBE firm, the Contractor shall take all necessary and reasonable steps to replace the DBE subcontractor with another DBE subcontractor to perform at least the same amount of work to meet the DBE goal requirement. If a DBE firm is not found to do the same amount of work, a good faith effort must be submitted to NCDOT (see A herein for required documentation).

**Changes in the Work**

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

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

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

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

**Reports and Documentation**

A SAF (*Subcontract Approval Form*) shall be submitted for all work which is to be performed by a DBE subcontractor. The Department reserves the right to require copies of actual subcontract agreements involving DBE subcontractors.



When using transportation services to meet the contract commitment, the Contractor shall submit a proposed trucking plan in addition to the SAF. The plan shall be submitted prior to beginning construction on the project. The plan shall include the names of all trucking firms proposed for use, their certification type(s), the number of trucks owned by the firm, as well as the individual truck identification numbers, and the line item(s) being performed.

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

### **Reporting Disadvantaged Business Enterprise Participation**

The Contractor shall provide the Engineer with an accounting of payments made to all DBE firms, including material suppliers and contractors at all levels (prime, subcontractor, or second tier subcontractor). This accounting shall be furnished to the Engineer for any given month by the end of the following month. Failure to submit this information accordingly may result in the following action:

- (A) Withholding of money due in the next partial pay estimate; or
- (B) Removal of an approved contractor from the prequalified bidders' list or the removal of other entities from the approved subcontractors list.

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

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

Failure on the part of any subcontractor to submit the required information in the time frame specified may result in the disqualification of that contractor and any affiliate companies from being approved for work on future DOT projects until the required information is submitted.

Contractors reporting transportation services provided by non-DBE lessees shall evaluate the value of services provided during the month of the reporting period only.

At any time, the Engineer can request written verification of subcontractor payments.

#### **(A) Electronic Bids Reporting**

The Contractor shall report the accounting of payments through the Department's DBE Payment Tracking System.

**(B) Paper Bids Reporting**

The Contractor shall report the accounting of payments on the Department's DBE-IS (*Subcontractor Payment Information*) with each invoice. Invoices will not be processed for payment until the DBE-IS is received.

**Failure to Meet Contract Requirements**

Failure to meet contract requirements in accordance with Subarticle 102-16(J) of the *2006 Standard Specifications* may be cause to disqualify the Contractor from further bidding for a specified length of time.

## **MINORITY BUSINESS ENTERPRISE AND WOMEN BUSINESS ENTERPRISE:**

(10-16-07)(Rev 11-15-11)

SP1 G67

### **Description**

The purpose of this Special Provision is to carry out the North Carolina Department of Transportation's policy of ensuring nondiscrimination in the award and administration of contracts financed in whole or in part with State funds.

### **Definitions**

*Additional MBE/WBE Subcontractors* - Any MBE/WBE submitted at the time of bid that will not be used to meet either the MBE or WBE goal. No submittal of a Letter of Intent is required, unless the additional participation is used for banking purposes.

*Committed MBE/WBE Subcontractor* - Any MBE/WBE submitted at the time of bid that is being used to meet either the MBE or WBE goal by submission of a Letter of Intent. Or any MBE or WBE used as a replacement for a previously committed MBE or WBE firm.

*Contract Goals Requirement* - The approved MBE and WBE participation at time of award, but not greater than the advertised contract goals for each.

*Goal Confirmation Letter* - Written documentation from the Department to the bidder confirming the Contractor's approved, committed MBE and WBE participation along with a listing of the committed MBE and WBE firms.

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

*MBE Goal* - A portion of the total contract, expressed as a percentage, that is to be performed by committed MBE subcontractor(s).

*Minority Business Enterprise (MBE)* - A firm certified as a Disadvantaged Minority-Owned Business Enterprise through the North Carolina Unified Certification Program.

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

*North Carolina Unified Certification Program (NCUCP)* - A program that provides comprehensive services and information to applicants for MBE/WBE certification.

The MBE/WBE program follows the same regulations as the federal Disadvantaged Business Enterprise (DBE) program in accordance with 49 CFR Part 26.

*United States Department of Transportation (USDOT)* - Federal agency responsible for issuing regulations (49 CFR Part 26) and official guidance for the DBE program.

*WBE Goal* - A portion of the total contract, expressed as a percentage, that is to be performed by committed WBE subcontractor(s).

*Women Business Enterprise (WBE)* - A firm certified as a Disadvantaged Women-Owned Business Enterprise through the North Carolina Unified Certification Program.

### **Forms and Websites Referenced in this Provision**

*Payment Tracking System* - On-line system in which the Contractor enters the payments made to MBE and WBE subcontractors who have performed work on the project.  
<https://apps.dot.state.nc.us/Vendor/PaymentTracking/>

*DBE-IS Subcontractor Payment Information* - Form for reporting the payments made to all MBE/WBE firms working on the project. This form is for paper bid projects only.  
<http://www.ncdot.org/doh/forms/files/DBE-IS.xls>

*RF-1 MBE/WBE Replacement Request Form* - Form for replacing a committed MBE or WBE.  
[https://apps.dot.state.nc.us/\\_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/RF-1.pdf](https://apps.dot.state.nc.us/_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/RF-1.pdf)

*SAF Subcontract Approval Form* - Form required for approval to sublet the contract.  
[http://www.ncdot.org/doh/operations/dp\\_chief\\_eng/constructionunit/saf.xls](http://www.ncdot.org/doh/operations/dp_chief_eng/constructionunit/saf.xls)

*JC-1 Joint Check Notification Form* - Form and procedures for joint check notification. The form acts as a written joint check agreement among the parties providing full and prompt disclosure of the expected use of joint checks.  
[https://apps.dot.state.nc.us/\\_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/JC-1.pdf](https://apps.dot.state.nc.us/_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/JC-1.pdf)

*Letter of Intent* - Form signed by the Contractor and the MBE/WBE subcontractor, manufacturer or regular dealer that affirms that a portion of said contract is going to be performed by the signed MBE/WBE for the amount listed at the time of bid.  
<http://www.ncdot.org/doh/preconstruct/ps/contracts/letterofintent.pdf>

*Listing of MBE and WBE Subcontractors Form* - Form for entering MBE/WBE subcontractors on a project that will meet this MBE and WBE goals. This form is for paper bids only.  
<http://www.ncdot.gov/doh/preconstruct/ps/word/MISC3.doc>

*Subcontractor Quote Comparison Sheet* - Spreadsheet for showing all subcontractor quotes in the work areas where MBEs and WBEs quoted on the project. This sheet is submitted with good faith effort packages.

[http://www.ncdot.gov/business/ocs/goodfaith/excel/Ex\\_Subcontractor\\_Quote\\_Comparison.xls](http://www.ncdot.gov/business/ocs/goodfaith/excel/Ex_Subcontractor_Quote_Comparison.xls)

### **MBE and WBE Goal**

The following goals for participation by Minority Business Enterprises and Women Business Enterprises are established for this contract:

- (A) **Minority Business Enterprises [number to the nearest tenth] %**
- (1) *If the MBE goal is more than zero*, the Contractor shall exercise all necessary and reasonable steps to ensure that MBEs participate in at least the percent of the contract as set forth above as the MBE goal.
  - (2) *If the MBE goal is zero*, the Contractor shall make an effort to recruit and use MBEs during the performance of the contract. Any MBE participation obtained shall be reported to the Department.
- (B) **Women Business Enterprises [number to the nearest tenth] %**
- (1) *If the WBE goal is more than zero*, the Contractor shall exercise all necessary and reasonable steps to ensure that WBEs participate in at least the percent of the contract as set forth above as the WBE goal.
  - (2) *If the WBE goal is zero*, the Contractor shall make an effort to recruit and use WBEs during the performance of the contract. Any WBE participation obtained shall be reported to the Department.

### **Directory of Transportation Firms (Directory)**

Real-time information is available about firms doing business with the Department and firms that are certified through NCUCP in the Directory of Transportation Firms. Only firms identified in the Directory as MBE and WBE certified shall be used to meet the MBE and WBE goals respectively. The Directory can be found at the following link. <https://partner.ncdot.gov/VendorDirectory/default.html>

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

### **Listing of MBE/WBE Subcontractors**

At the time of bid, bidders shall submit all MBE and WBE participation that they anticipate to use during the life of the contract. Only those identified to meet the MBE goal and the WBE goal will be considered committed, even though the listing shall include both committed

MBE/WBE subcontractors and additional MBE/WBE subcontractors. Any additional MBE/WBE subcontractor participation above the goal for which letters of intent are received will follow the banking guidelines found elsewhere in this provision. All other additional MBE/WBE subcontractor participation submitted at the time of bid will be used toward the Department's overall race-neutral goals. Only those firms with current MBE and WBE certification at the time of bid opening will be acceptable for listing in the bidder's submittal of MBE and WBE participation. The Contractor shall indicate the following required information:

(A) Electronic Bids

Bidders shall submit a listing of MBE and WBE participation in the appropriate section of Expedite, the bidding software of Bid Express®.

- (1) Submit the names and addresses of MBE and WBE firms identified to participate in the contract. If the bidder uses the updated listing of MBE and WBE firms shown in Expedite, the bidder may use the dropdown menu to access the name and address of the firms.
- (2) Submit the contract line numbers of work to be performed by each MBE and WBE firm. When no figures or firms are entered, the bidder will be considered to have no MBE or WBE participation.
- (3) The bidder shall be responsible for ensuring that the MBE and WBE are certified at the time of bid by checking the Directory of Transportation Firms. If the firm is not certified at the time of the bid-letting, that MBE's or WBE's participation will not count towards achieving either the MBE or WBE goal.

(B) Paper Bids

**Blank forms will not be deemed to represent zero participation.** Bids submitted that do not have MBE and WBE participation indicated on the appropriate form will not be read publicly during the opening of bids. The Department will not consider these bids for award and the proposal will be rejected.

- (1) *If either the MBE or WBE goal is more than zero,*
  - (a) Bidders, at the time the bid proposal is submitted, shall submit a listing of MBE/WBE participation, including the names and addresses on *Listing of MBE and WBE Subcontractors* contained elsewhere in the contract documents in order for the bid to be considered responsive. Bidders shall indicate the total dollar value of the MBE and WBE participation for the contract.
  - (b) If bidders have no MBE or WBE participation, they shall indicate this on the *Listing of MBE and WBE Subcontractors* by entering the word "None" or the number "0." This form shall be completed in its entirety.

- (c) The bidder shall be responsible for ensuring that the MBE/WBE is certified at the time of bid by checking the Directory of Transportation Firms. If the firm is not certified at the time of the bid-letting, that MBE's or WBE's participation will not count towards achieving the corresponding goal.
- (2) *If either the MBE or WBE goal is zero*, bidders, at the time the bid proposal is submitted, shall enter the word "None"; or the number "0"; or if there is participation, add the value on the *Listing of MBE and WBE Subcontractors* contained elsewhere in the contract documents.

### **MBE or WBE Prime Contractor**

When a certified MBE or WBE firm bids on a contract that contains MBE and WBE goals, the firm is responsible for meeting the goals or making good faith efforts to meet the goals, just like any other bidder. In most cases, a MBE or WBE bidder on a contract will meet one of the goals by virtue of the work it performs on the contract with its own forces. However, all the work that is performed by the MBE or WBE bidder and any other similarly certified subcontractors will count toward the goal. The MBE or WBE bidder shall list itself along with any MBE or WBE subcontractors, if any, in order to receive credit toward the goals.

For example, on a proposed contract, the WBE goal is 10%, and the MBE goal is 8%. A WBE bidder puts in a bid where they will perform 40% of the contract work and have a WBE subcontractor which will perform another 5% of the work. Together the two WBE firms submit on the *Listing of MBE and WBE Subcontractors* a value of 45% of the contract which fulfills the WBE goal. The 8% MBE goal shall be obtained through MBE participation with MBE certified subcontractors or documented through a good faith effort. It should be noted that you cannot combine the two goals to meet an overall value. The two goals shall remain separate.

MBE/WBE prime contractors shall also follow Sections A and B listed under *Listing of MBE and WBE Subcontractor* just as a non-MBE/WBE bidder would.

### **Written Documentation – Letter of Intent**

The bidder shall submit written documentation for each MBE/WBE that will be used to meet the MBE and WBE goals of the contract, indicating the bidder's commitment to use the MBE/WBE in the contract. This documentation shall be submitted on the Department's form titled *Letter of Intent*.

The documentation shall be received in the office of the State Contractor Utilization Engineer or at DBE@ncdot.gov no later than 12:00 noon of the sixth calendar day following opening of bids, unless the sixth day falls on an official state holiday. In that situation, it is due in the office of the State Contractor Utilization Engineer no later than 12:00 noon on the next official state business day.

If the bidder fails to submit the Letter of Intent from each committed MBE and WBE to be used toward the MBE and WBE goals, or if the form is incomplete (i.e. both signatures are not present), the MBE/WBE participation will not count toward meeting the MBE/WBE goal. If the lack of this participation drops the commitment below either the MBE or WBE goal, the Contractor shall submit evidence of good faith efforts for the goal not met, completed in its entirety, to the State Contractor Utilization Engineer or DBE@ncdot.gov no later than 12:00 noon on the eighth calendar day following opening of bids, unless the eighth day falls on an official state holiday. In that situation, it is due in the office of the State Contractor Utilization Engineer no later than 12:00 noon on the next official state business day.

### **Submission of Good Faith Effort**

If the bidder fails to meet or exceed either the MBE or the WBE goal the apparent lowest responsive bidder shall submit to the Department documentation of adequate good faith efforts made to reach that specific goal(s).

A hard copy and an electronic copy of this information shall be received in the office of the State Contractor Utilization Engineer or at DBE@ncdot.gov no later than 12:00 noon of the sixth calendar day following opening of bids unless the sixth day falls on an official state holiday. In that situation, it would be due in the office of the State Contractor Utilization Engineer the next official state business day. If the contractor cannot send the information electronically, then one complete set and 9 copies of this information shall be received under the same time constraints above.

Note: Where the information submitted includes repetitious solicitation letters, it will be acceptable to submit a representative letter along with a distribution list of the firms that were solicited. Documentation of MBE/WBE quotations shall be a part of the good faith effort submittal. This documentation may include written subcontractor quotations, telephone log notations of verbal quotations, or other types of quotation documentation.

### **Consideration of Good Faith Effort for Projects with MBE/WBE Goals More Than Zero**

Adequate good faith efforts mean that the bidder took all necessary and reasonable steps to achieve the goal which, by their scope, intensity, and appropriateness, could reasonably be expected to obtain sufficient MBE/WBE participation. Adequate good faith efforts also mean that the bidder actively and aggressively sought MBE/WBE participation. Mere *pro forma* efforts are not considered good faith efforts.

The Department will consider the quality, quantity, and intensity of the different kinds of efforts a bidder has made. Listed below are examples of the types of actions a bidder will take in making a good faith effort to meet the goals and are not intended to be exclusive or exhaustive, nor is it intended to be a mandatory checklist.

- (A) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices through the use of the NCDOT Directory of Transportation Firms) the interest of all certified MBEs/WBEs who have the capability to



perform the work of the contract. The bidder must solicit this interest within at least 10 days prior to bid opening to allow the MBEs/WBEs to respond to the solicitation. Solicitation shall provide the opportunity to MBEs/WBEs within the Division and surrounding Divisions where the project is located. The bidder must determine with certainty if the MBEs/WBEs are interested by taking appropriate steps to follow up initial solicitations.

- (B) Selecting portions of the work to be performed by MBEs/WBEs in order to increase the likelihood that the MBE and WBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MBE/WBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
- (C) Providing interested MBEs/WBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- (D)
  - (1) Negotiating in good faith with interested MBEs/WBEs. It is the bidder's responsibility to make a portion of the work available to MBE/WBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available MBE/WBE subcontractors and suppliers, so as to facilitate MBE/WBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of MBEs/WBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for MBEs/WBEs to perform the work.
  - (2) A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including MBE/WBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using MBEs/WBEs is not in itself sufficient reason for a bidder's failure to meet the contract MBE or WBE goals, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidding contractors are not, however, required to accept higher quotes from MBEs/WBEs if the price difference is excessive or unreasonable.
- (E) Not rejecting MBEs/WBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associates and political or social affiliations (for example, union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.

- (F) Making efforts to assist interested MBEs/WBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or bidder.
- (G) Making efforts to assist interested MBEs/WBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (H) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; Federal, State, and local minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of MBEs/WBEs. Contact within 7 days from the bid opening the Business Development Manager in the Business Opportunity and Work Force Development Unit to give notification of the bidder's inability to get MBE or WBE quotes.
- (I) Any other evidence that the bidder submits which shows that the bidder has made reasonable good faith efforts to meet the MBE and WBE goal.

In addition, the Department may take into account the following:

- (1) Whether the bidder's documentation reflects a clear and realistic plan for achieving the MBE and WBE goals.
- (2) The bidders' past performance in meeting the MBE and WBE goals.
- (3) The performance of other bidders in meeting the MBE and WBE goals. For example, when the apparent successful bidder fails to meet the goals, but others meet it, you may reasonably raise the question of whether, with additional reasonable efforts the apparent successful bidder could have met the goals. If the apparent successful bidder fails to meet the MBE and WBE goals, but meets or exceeds the average MBE and WBE participation obtained by other bidders, the Department may view this, in conjunction with other factors, as evidence of the apparent successful bidder having made a good faith effort.

If the Department does not award the contract to the apparent lowest responsive bidder, the Department reserves the right to award the contract to the next lowest responsive bidder that can satisfy to the Department that the MBE and WBE goals can be met or that an adequate good faith effort has been made to meet the MBE and WBE goals.

### **Non-Good Faith Appeal**

The State Contractor Utilization Engineer will notify the contractor verbally and in writing of non-good faith. A contractor may appeal a determination of non-good faith made by the Goal Compliance Committee. If a contractor wishes to appeal the determination made by the Committee, they shall provide written notification to the State Contractual Services Engineer or at [DBE@ncdot.gov](mailto:DBE@ncdot.gov). The appeal shall be made within 2 business days of notification of the determination of non-good faith.

## **Counting MBE/WBE Participation Toward Meeting MBE/WBE Goals**

### **(A) Participation**

The total dollar value of the participation by a committed MBE/WBE will be counted toward the contract goal requirements. The total dollar value of participation by a committed MBE/WBE will be based upon the value of work actually performed by the MBE/WBE and the actual payments to MBE/WBE firms by the Contractor.

### **(B) Joint Checks**

Prior notification of joint check use shall be required when counting MBE/WBE participation for services or purchases that involves the use of a joint check. Notification shall be through submission of Form JC-1 (*Joint Check Notification Form*) and the use of joint checks shall be in accordance with the Department's Joint Check Procedures.

### **(C) Subcontracts (Non-Trucking)**

A MBE/WBE may enter into subcontracts. Work that a MBE subcontracts to another MBE firm may be counted toward the MBE contract goal requirement. The same holds for work that a WBE subcontracts to another WBE firm. Work that a MBE subcontracts to a non-MBE firm does not count toward the MBE contract goal requirement. Again, the same holds true for the work that a WBE subcontracts to a non-WBE firm. If a MBE or WBE contractor or subcontractor subcontracts a significantly greater portion of the work of the contract than would be expected on the basis of standard industry practices, it shall be presumed that the MBE or WBE is not performing a commercially useful function. The MBE/WBE may present evidence to rebut this presumption to the Department. The Department's decision on the rebuttal of this presumption may be subject to review by the Office of Inspector General, NCDOT.

### **(D) Joint Venture**

When a MBE or WBE performs as a participant in a joint venture, the Contractor may count toward its contract goal requirement a portion of the total value of participation with the MBE or WBE in the joint venture, that portion of the total dollar value being a distinct clearly defined portion of work that the MBE or WBE performs with its forces.

### **(E) Suppliers**

A contractor may count toward its MBE or WBE requirement 60 percent of its expenditures for materials and supplies required to complete the contract and obtained from a MBE or WBE regular dealer and 100 percent of such expenditures from a MBE or WBE manufacturer.

**(F) Manufacturers and Regular Dealers**

A contractor may count toward its MBE or WBE requirement the following expenditures to MBE/WBE firms that are not manufacturers or regular dealers:

- (1) The fees or commissions charged by a MBE/WBE firm for providing a *bona fide* service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of a DOT-assisted contract, provided the fees or commissions are determined to be reasonable and not excessive as compared with fees and commissions customarily allowed for similar services.
- (2) With respect to materials or supplies purchased from a MBE/WBE, which is neither a manufacturer nor a regular dealer, count the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on a job site (but not the cost of the materials and supplies themselves), provided the fees are determined to be reasonable and not excessive as compared with fees customarily allowed for similar services.

**Commercially Useful Function**

**(A) MBE/WBE Utilization**

The Contractor may count toward its contract goal requirement only expenditures to MBEs and WBEs that perform a commercially useful function in the work of a contract. A MBE/WBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the MBE/WBE shall also be responsible with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material and installing (where applicable) and paying for the material itself. To determine whether a MBE/WBE is performing a commercially useful function, the Department will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the MBE/WBE credit claimed for its performance of the work, and any other relevant factors.

**(B) MBE/WBE Utilization in Trucking**

The following factors will be used to determine if a MBE or WBE trucking firm is performing a commercially useful function.

- (1) The MBE/WBE shall be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract, and

there shall not be a contrived arrangement for the purpose of meeting the MBE or WBE goal.

- (2) The MBE/WBE shall itself own and operate at least one fully licensed, insured, and operational truck used on the contract.
- (3) The MBE/WBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers it employs.
- (4) The MBE may subcontract the work to another MBE firm, including an owner-operator who is certified as a MBE. The same holds true that a WBE may subcontract the work to another WBE firm, including an owner-operator who is certified as a WBE. When this occurs, the MBE or WBE who subcontracts work receives credit for the total value of the transportation services the subcontracted MBE or WBE provides on the contract. It should be noted that every effort shall be made by MBE and WBE contractors to subcontract to the same certification (i.e., MBEs to MBEs and WBEs to WBEs), in order to fulfill the goal requirement. This, however, may not always be possible due to the limitation of firms in the area. If the MBE or WBE firm shows a good faith effort has been made to reach out to similarly certified transportation service providers and there is no interest or availability, and they can get assistance from other certified providers, the Engineer will not hold the prime liable for meeting the goal.
- (5) The MBE/WBE may also subcontract the work to a non-MBE/WBE firm, including from an owner-operator. The MBE/WBE who subcontracts the work to a non-MBE/WBE is entitled to credit for the total value of transportation services provided by the non-MBE/WBE subcontractor not to exceed the value of transportation services provided by MBE/WBE-owned trucks on the contract. Additional participation by non-MBE/WBE subcontractors receives credit only for the fee or commission it receives as a result of the subcontract arrangement. The value of services performed under subcontract agreements between the MBE/WBE and the Contractor will not count towards the MBE/WBE contract requirement.
- (6) A MBE/WBE may lease truck(s) from an established equipment leasing business open to the general public. The lease must indicate that the MBE/WBE has exclusive use of and control over the truck. This requirement does not preclude the leased truck from working for others during the term of the lease with the consent of the MBE/WBE, so long as the lease gives the MBE/WBE absolute priority for use of the leased truck. This type of lease may count toward the MBE/WBE's credit as long as the driver is under the MBE/WBE's payroll.

- (7) Subcontracted/leased trucks shall display clearly on the dashboard the name of the MBE/WBE that they are subcontracted/leased to and their own company name if it is not identified on the truck itself. Magnetic door signs are not permitted.

### **Banking MBE/WBE Credit**

If the bid of the lowest responsive bidder exceeds \$500,000 and if the committed MBE/WBE participation submitted by Letter of Intent exceeds the algebraic sum of the MBE or WBE goal by \$1,000 or more, the excess will be placed on deposit by the Department for future use by the bidder. Separate accounts will be maintained for MBE and WBE participation and these may accumulate for a period not to exceed 24 months.

When the apparent lowest responsive bidder fails to submit sufficient participation by MBE firms to meet the contract goal, as part of the good faith effort, the Department will consider allowing the bidder to withdraw funds to meet the MBE goal as long as there are adequate funds available from the bidder's MBE bank account.

When the apparent lowest responsive bidder fails to submit sufficient participation by WBE firms to meet the contract goal, as part of the good faith effort, the Department will consider allowing the bidder to withdraw funds to meet the WBE goal as long as there are adequate funds available from the bidder's WBE bank account.

### **MBE/WBE Replacement**

When a Contractor has relied on a commitment to a MBE or WBE firm (or an approved substitute MBE or WBE firm) to meet all or part of a contract goal requirement, the contractor shall not terminate the MBE/WBE for convenience. This includes, but is not limited to, instances in which the Contractor seeks to perform the work of the terminated subcontractor with another MBE/WBE subcontractor, a non-MBE/WBE subcontractor, or with the Contractor's own forces or those of an affiliate. A MBE/WBE may only be terminated after receiving the Engineer's written approval based upon a finding of good cause for the termination.

All requests for replacement of a committed MBE/WBE firm shall be submitted to the Engineer for approval on Form RF-1 (*Replacement Request*). If the Contractor fails to follow this procedure, the Contractor may be disqualified from further bidding for a period of up to 6 months.

The Contractor shall comply with the following for replacement of a committed MBE/WBE:

#### **(A) Performance Related Replacement**

When a committed MBE is terminated for good cause as stated above, an additional MBE that was submitted at the time of bid may be used to fulfill the MBE commitment. The same holds true if a committed WBE is terminated for good cause, an additional WBE that was submitted at the time of bid may be used to fulfill the WBE goal. A good faith effort will only be required for removing a committed MBE/WBE if there were no

additional MBEs/WBEs submitted at the time of bid to cover the same amount of work as the MBE/WBE that was terminated.

If a replacement MBE/WBE is not found that can perform at least the same amount of work as the terminated MBE/WBE, the Contractor shall submit a good faith effort documenting the steps taken. Such documentation shall include, but not be limited to, the following:

- (1) Copies of written notification to MBEs/WBEs that their interest is solicited in contracting the work defaulted by the previous MBE/WBE or in subcontracting other items of work in the contract.
- (2) Efforts to negotiate with MBEs/WBEs for specific subbids including, at a minimum:
  - (a) The names, addresses, and telephone numbers of MBEs/WBEs who were contacted.
  - (b) A description of the information provided to MBEs/WBEs regarding the plans and specifications for portions of the work to be performed.
- (3) A list of reasons why MBE/WBE quotes were not accepted.
- (4) Efforts made to assist the MBEs/WBEs contacted, if needed, in obtaining bonding or insurance required by the Contractor.

**(B) Decertification Replacement**

- (1) When a committed MBE/WBE is decertified by the Department after the SAF (*Subcontract Approval Form*) has been received by the Department, the Department will not require the Contractor to solicit replacement MBE/WBE participation equal to the remaining work to be performed by the decertified firm. The participation equal to the remaining work performed by the decertified firm will count toward the contract goal requirement.
- (2) When a committed MBE/WBE is decertified prior to the Department receiving the SAF (*Subcontract Approval Form*) for the named MBE/WBE firm, the Contractor shall take all necessary and reasonable steps to replace the MBE/WBE subcontractor with another similarly certified MBE/WBE subcontractor to perform at least the same amount of work to meet the MBE/WBE goal requirement. If a MBE/WBE firm is not found to do the same amount of work, a good faith effort must be submitted to NCDOT (see A herein for required documentation).

## **Changes in the Work**

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

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

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

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

## **Reports and Documentation**

A SAF (*Subcontract Approval Form*) shall be submitted for all work which is to be performed by a MBE/WBE subcontractor. The Department reserves the right to require copies of actual subcontract agreements involving MBE/WBE subcontractors.

When using transportation services to meet the contract commitment, the Contractor shall submit a proposed trucking plan in addition to the SAF. The plan shall be submitted prior to beginning construction on the project. The plan shall include the names of all trucking firms proposed for use, their certification type(s), the number of trucks owned by the firm, as well as the individual truck identification numbers, and the line item(s) being performed.

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

## **Reporting Minority and Women Business Enterprise Participation**

The Contractor shall provide the Engineer with an accounting of payments made to all MBE and WBE firms, including material suppliers and contractors at all levels (prime, subcontractor, or second tier subcontractor). This accounting shall be furnished to the Engineer for any given month by the end of the following month. Failure to submit this information accordingly may result in the following action:



- (A) Withholding of money due in the next partial pay estimate; or
- (B) Removal of an approved contractor from the prequalified bidders' list or the removal of other entities from the approved subcontractors list.

While each contractor (prime, subcontractor, 2nd tier subcontractor) is responsible for accurate accounting of payments to MBEs/WBEs, it shall be the prime contractor's responsibility to report all monthly and final payment information in the correct reporting manner.

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

Failure on the part of any subcontractor to submit the required information in the time frame specified may result in the disqualification of that contractor and any affiliate companies from being approved for work on future DOT projects until the required information is submitted.

Contractors reporting transportation services provided by non-MBE/WBE lessees shall evaluate the value of services provided during the month of the reporting period only.

At any time, the Engineer can request written verification of subcontractor payments.

(A) **Electronic Bids Reporting**

The Contractor shall report the accounting of payments through the Department's Payment Tracking System.

(B) **Paper Bids Reporting**

The Contractor shall report the accounting of payments on the Department's DBE-IS (*Subcontractor Payment Information*) with each invoice. Invoices will not be processed for payment until the DBE-IS is received.

**Failure to Meet Contract Requirements**

Failure to meet contract requirements in accordance with Subarticle 102-16(J) of the *2006 Standard Specifications* may be cause to disqualify the Contractor from further bidding for a specified length of time.



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

September 20, 2011

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](http://WWW.NCDOT.ORG)

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

UPDATED September 20, 2011

<b>TIP#</b>	<b>DIVISION</b>	<b>COUNTY</b>	<b>DESCRIPTION</b>	<b>TENTATIVE LET DATE</b>
B-4183	13	MADISON	BRIDGE 29 OVER MIDDLE FORK CREEK ON SR 1526 AND BRIDGE 28 OVER CROOKED CREEK ON SR 1526	DECEMBER 20, 2011
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	FEBRUARY 21, 2012
R-2554A	4	WAYNE	US 70 (GOLDSBORO BYPASS) FROM WEST OF NC 581 TO SR 1300 (SALEM CHURCH ROAD)	JUNE 19, 2012




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

May 24, 2011

Notice To            All Prequalified Contractors  
From:                R.A. Garris, P.E.   
                          State Contract Officer  
Subject:             Directory of Transportation Firms

The NCDOT has updated its Transportation Directory to include additional items such as the SBE work codes, engineering disciplines, queries based on the physical address, and other reporting options. With the update, a new web address was created for the Directory. The old Directory address is still working, but we encourage the use of the new Directory for your outreach efforts. The new Directory address is <https://partner.ncdot.gov/VendorDirectory/default.html>.

If you have any problems or have questions regarding the Directory please contact Mr. Mickey Biedell at 919-733-7174.

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1001 MAIL SERVICE CENTER  
RALEIGH NC 27689-1001

TELEPHONE: 919-707-6900  
FAX: 919-250-4119  
WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

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

**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 NOVEMBER 15, 2011. 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  
<http://www.ncdot.gov/doh/preconstruct/ps/contracts/letting.html>.

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 OCTOBER 18, 2011.  
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.

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	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	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L111115

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C202808	45458.3.1	CURRITUCK	24.250 MI	MILLING, RESURFACING, SHOULDER RECONST, AND RUMBLE STRIPS.
002	C202727	33691.3.1	BEAUFORT	0.147 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C202728	33692.3.1	BEAUFORT	0.350 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C202731	33752.3.1	GREENE, LENOIR	0.123 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
*005	202576	45241.3.1	ONSLow	0.000 MI	COMPUTERIZED SIGNAL SYSTEM.
006	C202726	33665.3.1	WILSON	0.133 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C202730	33734.3.1	EDGEComBE	0.180 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.
008	C202734	33828.3.1	WAYNE	0.089 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
009	C202733	33820.3.1	WAKE	0.257 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
010	C202864	39878 ETC.	GRANVILLE	22.480 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
011	C202860	5C.093056 ETC.	WARREN	26.750 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
012	C202857	5CR.20731.11	PERSON	24.950 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
013	C202724	33448.2.2	CUMBERLAND	0.227 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
014	C202732	33757.3.1	HARNETT	0.223 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
015	C202861	6CR.10261.73 ETC	CUMBERLAND, HARNETT	78.950 MI	WIDENING, MILLING, RESURFACING, SIGNALS & SHOULDER RECONST.
*016	C202156	34762.3.4	ORANGE	0.748 MI	WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.
017	C202862	7C.068096 ETC.	ORANGE	13.696 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
018	C202856	7CR.10791.36 ETC	ROCKINGHAM	12.528 MI	MILLING AND RESURFACING.
019	C202735	38473.3.1	DAVIDSON	0.057 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
020	C202855	10CR.10041.36 ET	ANSON	3.787 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
*021	C202585	34402.3.7	WATAUGA, CALDWELL	4.034 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.
022	C202729	33708.3.1	CATAWBA	0.222 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
023	C202858	12CR.10231.10 ET	CLEVELAND	27.210 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
024	C202863	12CR.20361.16	GASTON	10.070 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

\* C202576 ONSLOW COUNTY - SMALL ROADWAY PLANS \$60, LARGE ROADWAY PLANS \$200

\* C202156 ORANGE COUNTY - MANDITORY PRE-BID CONFERENCE WEDNESDAY, NOV 2, 2011 AT 11:00AM AT  
 NCDOT TRAFFIC ENGINEERING GREENFIELD BRANCH CONFERENCE ROOM 161  
 750 N GREENFILED PKWY GARNER, NC 27529  
 CONTACT: JOSEPH ISHAK, PE (919)662-4342

\* C202585 WATAUGA CALDWELL - MANDITORY PRE-BID CONFERENCE TUESDAY, NOV 1, 2011 AT 9:30AM AT  
 THE BOONE COUNCIL CHAMBERS  
 1500 BLOWING ROCK RD BOONE, NC 28607  
 CONTACT: JOHN PILIPCHUK, PE (704)572-1084



## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 001

CONTRACT ID : C202808 45458.3.1

DIV OFFICE EDENTON

LENGTH = 24.250 MI

COUNTY : CURRITUCK

MILLING, RESURFACING, SHOULDER RECONST, AND RUMBLE STRIPS.

DBE GOAL 5.0% COMPLETION DATE : NOV 02 1012

US-158 FROM US-168 TO THE WRIGHT MEMORIAL BRIDGE.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
210	CY	BORROW EXCAVATION
120	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
22	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
50	SY	FOUNDATION CONDITIONING FABRIC
60	LF	24" RC PIPE CULVERTS, CLASS III
88	LF	30" RC PIPE CULVERTS, CLASS III
155	TON	INCIDENTAL STONE BASE
39.5	SMI	SHOULDER RECONSTRUCTION
949,252	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
949,252	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3/4")
311	SY	INCIDENTAL MILLING
130	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
87,369	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,160	TON	ASPHALT BINDER FOR PLANT MIX
2,646	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
43,372	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED
63	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
256,108	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
7	EA	GENERIC DRAINAGE ITEM REPAIR MASONRY DRAINAGE STRUCTURE
5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
683	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2,097,404	LF	PAINT PAVEMENT MARKING LINES (4")
1,483	LF	PAINT PAVEMENT MARKING LINES (24")
581,975	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
877	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (HIGHLY REFLECTIVE ELEMENTS)
11,250	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
5,472	EA	PERMANENT RAISED PAVEMENT MARKERS
4,032	LF	TEMPORARY SILT FENCE
661	SY	MATTING FOR EROSION CONTROL
1,653	LF	WATTLE
144	LB	POLYACRYLAMIDE (PAM)
28.7	ACR	SEEDING & MULCHING
300	LF	UNPAVED TRENCHING (*****) (1.2")
12	EA	JUNCTION BOX (STANDARD SIZE)
2,246	LF	INDUCTIVE LOOP SAWCUT
600	LF	LEAD-IN CABLE (*****) (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 002

CONTRACT ID : C202727 33691.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.147 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER PUNGO CREEK AND APPROACHES ON NC-32.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+22)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
3,220	SY	FABRIC FOR SOIL STABILIZATION
84	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
190	SY	FOUNDATION CONDITIONING FABRIC
40	LF	15" DRAINAGE PIPE
52	LF	18" DRAINAGE PIPE
160	LF	24" DRAINAGE PIPE
316	LF	36" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
189	LF	PIPE REMOVAL
400	TON	STABILIZER AGGREGATE
939	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
683.2	GAL	PRIME COAT
440	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
820	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
70	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 OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
5	EA	MASONRY DRAINAGE STRUCTURES
2.02	LF	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
126	LF	SHOULDER BERM GUTTER
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
325	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
60	TON	RIP RAP, CLASS I
520	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
224	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
42	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
48	LF	BARRICADES (TYPE III)
42	MD	FLAGGER
151	EA	TEMPORARY RAISED PAVEMENT MARKERS
31,686	LF	PAINT PAVEMENT MARKING LINES (4")
8,250	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
870	LF	12" WATER LINE

2	EA	12" VALVE
866	LF	ABANDON 12" UTILITY PIPE
693	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
77	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
2,875	LF	TEMPORARY SILT FENCE
360	TON	STONE FOR EROSION CONTROL, CLASS A
275	TON	STONE FOR EROSION CONTROL, CLASS B
300	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
365	LF	TEMPORARY SLOPE DRAINS
11	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
460	CY	SILT EXCAVATION
2,300	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
755	LF	1/4" HARDWARE CLOTH
200	SY	FLOATING TURBIDITY CURTAIN
150	LF	COIR FIBER WATTLE
40	LB	POLYACRYLAMIDE (PAM)
115	LF	COIR FIBER BAFFLE
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.75	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (16+22.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+22.00-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+22.00-L-)
3,836	SF	CONCRETE WEARING SURFACE
4,891	SF	GROOVING BRIDGE FLOORS
51.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+22.00-L-)
7,854	LB	REINFORCING STEEL (BRIDGE)
600	LF	HP12X53 STEEL PILES
960	LF	HP14X73 GALVANIZED STEEL PILES
12	EA	PILE REDRIVES
235.5	LF	CONCRETE BARRIER RAIL
455	TON	RIP RAP CLASS II (2'-0" THICK)
505	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,410.02	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 003

CONTRACT ID : C202728 33692.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.350 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : JUN 01 2013

BRIDGE OVER THE NORFOLK SOUTHERN RAILWAY AND APPROACHES ON NC-33.

ROADWAY ITEMS			
		5,988	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		220	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		123	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS MOBILIZATION		
Lump Sum	LS CONSTRUCTION SURVEYING		
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION *****	133,500	LF PAINT PAVEMENT MARKING LINES (4")
	(16+92.27)		
Lump Sum	LS GRADING	680	LF POLYUREA PAVEMENT MARKING LINES (4", *****)
			(HIGHLY REFLECTIVE ELEMENTS)
1	ACR SUPPLEMENTARY CLEARING & GRUB-BING	1,700	EA PERMANENT RAISED PAVEMENT MARKERS
1,300	CY UNDERCUT EXCAVATION	150	LF 2" WATER LINE
180	CY DRAINAGE DITCH EXCAVATION	10	LF 4" WATER LINE
300	CY SELECT GRANULAR MATERIAL	505	LF 6" WATER LINE
400	SY FABRIC FOR SOIL STABILIZATION	1,840	LF 8" WATER LINE
7,050	SY GENERIC GRADING ITEM REINFORCED SOIL SLOPE	410	LF 10" WATER LINE
		1	EA 2" VALVE
70	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	5	EA 6" VALVE
		7	EA 8" VALVE
200	SY FOUNDATION CONDITIONING FABRIC	4	EA RELOCATE WATER METER
140	LF 15" DRAINAGE PIPE	5	EA RECONNECT WATER METER
96	LF 18" DRAINAGE PIPE	2	EA FIRE HYDRANT
4	EA *** DRAINAGE PIPE ELBOWS (15")	460	LF 2" FORCE MAIN SEWER
280	LF 15" RC PIPE CULVERTS, CLASS IV	1,800	LF ABANDON 6" UTILITY PIPE
68	LF 15" CS PIPE CULVERTS, 0.064" THICK	240	LF ABANDON 8" UTILITY PIPE
		190	LF ABANDON 10" UTILITY PIPE
2	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")	3	EA REMOVE WATER METER
		2	EA REMOVE FIRE HYDRANT
32	LF PIPE REMOVAL	125	LF TRENCHLESS INSTALLATION OF 8" IN SOIL
415	TON AGGREGATE BASE COURSE	1	EA GENERIC UTILITY ITEM RECONNECT EXISTING SEWER SERVICE
1,000	TON INCIDENTAL STONE BASE		
2,860	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	5	EA GENERIC UTILITY ITEM SEWER VALVE ASSEMBLY
1,140	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	5,900	LF TEMPORARY SILT FENCE
1,270	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	520	TON STONE FOR EROSION CONTROL, CLASS A
6,350	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	530	TON STONE FOR EROSION CONTROL, CLASS B
685	TON ASPHALT BINDER FOR PLANT MIX	395	TON SEDIMENT CONTROL STONE
500	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	7.5	ACR TEMPORARY MULCHING
22.4	CY SUBDRAIN EXCAVATION	250	LB SEED FOR TEMPORARY SEEDING
16.8	CY SUBDRAIN FINE AGGREGATE	2	TON FERTILIZER FOR TEMPORARY SEEDING
100	LF 6" PERFORATED SUBDRAIN PIPE		
1	EA SUBDRAIN PIPE OUTLETS	1,000	LF TEMPORARY SLOPE DRAINS
6	LF 6" OUTLET PIPE (SUBDRAINS)	20	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
11	EA MASONRY DRAINAGE STRUCTURES		
1	EA FRAME WITH TWO GRATES, STD 840.24	970	CY SILT EXCAVATION
10	EA FRAME WITH TWO GRATES, STD 840.29	9,650	SY MATTING FOR EROSION CONTROL
		30	SY COIR FIBER MAT
220	LF 2'-6" CONCRETE CURB & GUTTER	7,050	SY PERMANENT SOIL REINFORCEMENT MAT
2,015	LF SHOULDER BERM GUTTER	870	LF 1/4" HARDWARE CLOTH
240	LF CONCRETE EXPRESSWAY GUTTER	800	LF WATTLE
50	SY 6" CONCRETE DRIVEWAY	220	LB POLYACRYLAMIDE (PAM)
1,975	LF STEEL BM GUARDRAIL	305	LF COIR FIBER BAFFLE
5	EA ADDITIONAL GUARDRAIL POSTS	3	EA *** SKIMMER (1-1/2")
4	EA GUARDRAIL ANCHOR UNITS, TYPE 350		
4	EA GUARDRAIL ANCHOR UNITS, TYPE B-77	6	ACR SEEDING & MULCHING
		6	ACR MOWING
2,218	LF REMOVE EXISTING GUARDRAIL	100	LB SEED FOR REPAIR SEEDING
6	TON RIP RAP, CLASS B	0.25	TON FERTILIZER FOR REPAIR SEEDING
950	SY FILTER FABRIC FOR DRAINAGE	200	LB SEED FOR SUPPLEMENTAL SEEDING
3	SF CONTRACTOR FURNISHED, TYPE *** SIGN (7)	5.5	TON FERTILIZER TOPDRESSING
20	LF SUPPORTS, 3-LB STEEL U-CHANNEL	25	MHR SPECIALIZED HAND MOWING
359	SF WORK ZONE SIGNS (STATIONARY)	18	EA RESPONSE FOR EROSION CONTROL
94	SF WORK ZONE SIGNS (BARRICADE MOUNTED)		
80	EA DRUMS		
80	LF BARRICADES (TYPE III)		
5,733	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	Lump Sum	LS REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+92.27-L-)

STRUCTURE ITEMS

1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+92.27-L-)
5,909	SF	REINFORCED CONCRETE DECK SLAB
6,198	SF	GROOVING BRIDGE FLOORS
80	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+92.27-L-)
11,236	LB	REINFORCING STEEL (BRIDGE)
288,000	LS	APPROX ..... LBS STRUCTURAL STEEL
840	LF	HP14X73 STEEL PILES
12	EA	PILE REDRIVES
375.27	LF	CONCRETE BARRIER RAIL
1,165	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 004

CONTRACT ID : C202731 33752.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.123 MI

COUNTY : GREENE, LENOIR

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER WHEAT SWAMP CREEK AND APPROACHES ON SR-1432.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
6	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
18	SY	FOUNDATION CONDITIONING FABRIC
12	LF	15" DRAINAGE PIPE
32	LF	18" SIDE DRAIN PIPE
21	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
450	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
310	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
45	TON	ASPHALT BINDER FOR PLANT MIX
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
110	LF	SHOULDER BERM GUTTER
187.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
265	LF	BARBED WIRE FENCE RESET
5	TON	RIP RAP, CLASS B
460	SY	FILTER FABRIC FOR DRAINAGE
379	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
185	LF	2" WATER LINE
1	EA	2" BLOW OFF
4	EA	RELOCATE WATER METER
725	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
45	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
90	CY	SILT EXCAVATION
2,300	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
260	LF	1/4" HARDWARE CLOTH
75	LF	COIR FIBER BAFFLE
1.5	ACR	SEEDING & MULCHING
1.5	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
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+00.00-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+00.00-L-)
42.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+00.00-L-)
6,738	LB	REINFORCING STEEL (BRIDGE)
475	LF	HP12X53 STEEL PILES
225	LF	PP ** X **** GALVANIZED STEEL PILES (24 X 0.5)
9	EA	PILE REDRIVES
195.34	LF	VERTICAL CONCRETE BARRIER RAIL
217	TON	RIP RAP CLASS II (2'-0" THICK)
241	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,072.96	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 005

CONTRACT ID : C202576 45241.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.000 MI

COUNTY : ONSLOW

COMPUTERIZED SIGNAL SYSTEM.

DBE GOAL 5.0% COMPLETION DATE : MAY 01 2014

JACKSONVILLE.

## ROADWAY ITEMS

				1	EA	FURNISH FIBER-OPTIC POWER ME- TER
				1	EA	FURNISH OPTICAL LIGHT GENERA- TOR
				35	EA	NEW ELECTRICAL SERVICE
				10	EA	CABLE TRANSFER
				1	EA	SIGNAL PEDESTAL WITH FOUNDA- TION
				1	EA	SIGN FOR SIGNALS
				7	EA	SIGNAL CABINET FOUNDATION
				32	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
				5	EA	MODIFY FOUNDATION FOR CONTROL- LER CABINET
				140	EA	DETECTOR CARD (***** (MODEL 222)
				10	EA	CABINET BASE EXTENDER
				2	EA	CABINET BASE ADAPTER
				4	EA	GENERIC SIGNAL ITEM 2.4/5.8 GHZ WIRELESS ETHERNET RADIO SYSTEM
				8	EA	GENERIC SIGNAL ITEM 2.4/5.8 GHZ WIRELESS ETHERNET REPEATER STANDALONE RADIO SYSTEM
				10	EA	GENERIC SIGNAL ITEM AUXILIARY OUTPUT FILE
				1	EA	GENERIC SIGNAL ITEM BACKUP STORAGE SERVER
				41	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
				3	EA	GENERIC SIGNAL ITEM CCTV CONTROL PANEL
				1	EA	GENERIC SIGNAL ITEM CCTV VIDEO SERVER
				37	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE (MT HGHT 30' - 35')
				4	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE (MT HGHT 45' - 60')
				6	EA	GENERIC SIGNAL ITEM CELLULAR MODEM
				3	EA	GENERIC SIGNAL ITEM COMPUTER WORKSTATION
				8	EA	GENERIC SIGNAL ITEM CONFLICT MONITOR
				5	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (TYPE 2070L) (332 BASE MOUNTED WITH AUX FILE)
				7	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (TYPE 2070L) (332 BASE MOUNTED)
				6	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (TYPE 2070L) (336S POLE MOUNTED)
				5	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER
				1	EA	GENERIC SIGNAL ITEM DMS SERVER
				16	EA	GENERIC SIGNAL ITEM EMERGENCY GENERATOR PROVISIONS
				2	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSMITTER & RECEIVER UNIT
				96	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH
				41	EA	GENERIC SIGNAL ITEM FIELD VIDEO CODEC UNIT
				4	EA	GENERIC SIGNAL ITEM FRONT ACCESS ENCLOSURE DMS
				3	EA	GENERIC SIGNAL ITEM FURNISH 2070L CONTROLLER
				2	EA	GENERIC SIGNAL ITEM FURNISH 332 CABINET
				1	EA	GENERIC SIGNAL ITEM FURNISH 336 CABINET
				3	EA	GENERIC SIGNAL ITEM FURNISH AC ISOLATOR CARD
				2	EA	GENERIC SIGNAL ITEM FURNISH CCTV ASSEMBLY
Lump Sum	LS	MOBILIZATION				
50	SY	4" CONCRETE SIDEWALK				
1,900	LF	STEEL BM GUARDRAIL				
50	LF	STEEL BM GUARDRAIL, SHOP CURVED				
10	EA	ADDITIONAL GUARDRAIL POSTS				
8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1				
11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
468	SF	WORK ZONE SIGNS (PORTABLE)				
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)				
1	EA	FLASHING ARROW PANELS, TYPE C				
60	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)				
50	EA	DRUMS				
25	EA	CONES				
80	LF	BARRICADES (TYPE III)				
225	HR	FLAGGER				
400	HR	LAW ENFORCEMENT				
30	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)				
11,800	LF	SIGNAL CABLE				
25	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)				
20	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)				
1	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD				
136,100	LF	MESSENGER CABLE (1/4")				
46,600	LF	TRACER WIRE				
900	LF	PAVED TRENCHING (***** (1, 2")				
1,100	LF	PAVED TRENCHING (***** (2, 2")				
800	LF	UNPAVED TRENCHING (***** (1, 1")				
7,300	LF	UNPAVED TRENCHING (***** (1, 2")				
9,700	LF	UNPAVED TRENCHING (***** (2, 2")				
3,400	LF	DIRECTIONAL DRILL (***** (1, 2")				
28,600	LF	DIRECTIONAL DRILL (***** (2, 2")				
19	EA	JUNCTION BOX (***** (SPECIAL OVERSIZED HEAVY DUTY)				
76	EA	JUNCTION BOX (STANDARD SIZE)				
173	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)				
4	EA	WOOD POLE				
164	EA	GUY ASSEMBLY				
78	EA	2" RISER WITH WEATHERHEAD				
9	EA	HEAT SHRINK TUBING RETROFIT KIT				
144	EA	2" RISER WITH HEAT SHRINK TUBING				
6,300	LF	INDUCTIVE LOOP SAWCUT				
34,400	LF	LEAD-IN CABLE (***** (14-2)				
143,600	LF	COMMUNICATIONS CABLE (**FIBER) (12)				
276,800	LF	COMMUNICATIONS CABLE (**FIBER) (24)				
17,800	LF	COMMUNICATIONS CABLE (**FIBER) (48)				
1,600	LF	COMMUNICATIONS CABLE (**FIBER) (72)				
127	EA	SPLICE ENCLOSURE				
76	EA	INTERCONNECT CENTER				
116	EA	DELINEATOR MARKER				
1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT				

			1	EA	GENERIC SIGNAL ITEM REMOTE ACCESS SERVER
			1	EA	GENERIC SIGNAL ITEM SIGNAL SYSTEM COMMUNICATIONS SERVER
			1	EA	GENERIC SIGNAL ITEM SIGNAL SYSTEM PROCESSING SERVER
			3	EA	GENERIC SIGNAL ITEM SOLAR POWER ASSEMBLY
			5	EA	GENERIC SIGNAL ITEM TERMINAL SPLICE BOX
			6	EA	GENERIC SIGNAL ITEM VIDEO MONITOR PROCESSOR UNIT
			1	EA	GENERIC SIGNAL ITEM VIDEO PROJECTION UNIT
			1	EA	GENERIC SIGNAL ITEM VPN FIREWALL
			5	EA	GENERIC SIGNAL ITEM WALK-IN ENCLOSURE DMS
			Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SYSTEM SOFTWARE
			Lump Sum	LS	GENERIC SIGNAL ITEM COMPUTER HARDWARE INTEGRATION
			Lump Sum	LS	GENERIC SIGNAL ITEM LAN INTEGRATION
			Lump Sum	LS	GENERIC SIGNAL ITEM PUBLIC SAFETY COMPLEX FIBER OPTIC CABLE TERMINATION
			Lump Sum	LS	GENERIC SIGNAL ITEM PUBLIC SERVICES COMPLEX FIBER OPTIC CABLE TERMINATION
			Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SYSTEM SOFTWARE
			Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM SUPPORT SOFTWARE
			Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
			33,700	LF	GENERIC SIGNAL ITEM DROP CABLE (6 FIBER)
			3,300	LF	GENERIC SIGNAL ITEM ETHERNET CABLE (OUTDOOR RATED)
			4,400	LF	GENERIC SIGNAL ITEM FURNISH COMMUNICATIONS CABLE (12 FIBER)
			8,400	LF	GENERIC SIGNAL ITEM FURNISH COMMUNICATIONS CABLE (24 FIBER)
			600	LF	GENERIC SIGNAL ITEM FURNISH COMMUNICATIONS CABLE (48 FIBER)
			100	LF	GENERIC SIGNAL ITEM FURNISH COMMUNICATIONS CABLE (72 FIBER)
			1,100	LF	GENERIC SIGNAL ITEM FURNISH DROP CABLE (6 FIBER)
			500	SF	GENERIC SIGNAL ITEM BRICK PAVERS
			90	CY	GENERIC SIGNAL ITEM FOOTINGS FOR DMS STRUCTURE
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV TEST CABINET			
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV TEST MONITOR			
3	EA	GENERIC SIGNAL ITEM FURNISH CONFLICT MONITOR			
1	EA	GENERIC SIGNAL ITEM FURNISH CONTROLLER TESTER			
3	EA	GENERIC SIGNAL ITEM FURNISH DC ISOLATOR CARD			
6	EA	GENERIC SIGNAL ITEM FURNISH DETECTOR CARD			
2	EA	GENERIC SIGNAL ITEM FURNISH DMS CONTROLLER			
5	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC INTER- CONNECT CENTER			
8	EA	GENERIC SIGNAL ITEM FURNISH FIELD ETHERNET SWITCH			
4	EA	GENERIC SIGNAL ITEM FURNISH FLASH TRANSFER RELAY			
2	EA	GENERIC SIGNAL ITEM FURNISH FLASHER MODULE			
5	EA	GENERIC SIGNAL ITEM FURNISH HEAT SHRINK TUBING			
5	EA	GENERIC SIGNAL ITEM FURNISH HEAT SHRINK TUBING RETROFIT KIT			
3	EA	GENERIC SIGNAL ITEM FURNISH LOAD SWITCH			
1	EA	GENERIC SIGNAL ITEM FURNISH OPTICAL PREEMPTION PHASE SELECTOR			
1	EA	GENERIC SIGNAL ITEM FURNISH OPTICAL PREEMPTION DETECTOR			
8	EA	GENERIC SIGNAL ITEM FURNISH SC JUMPERS			
8	EA	GENERIC SIGNAL ITEM FURNISH SC PIGTAILS			
8	EA	GENERIC SIGNAL ITEM FURNISH SC SPLICE CONNECTOR			
8	EA	GENERIC SIGNAL ITEM FURNISH SC-ST JUMPERS			
1	EA	GENERIC SIGNAL ITEM FURNISH SIGNAL MONITOR TESTER			
2	EA	GENERIC SIGNAL ITEM FURNISH SPLICE ENCLOSURE			
8	EA	GENERIC SIGNAL ITEM FURNISH ST JUMPERS			
8	EA	GENERIC SIGNAL ITEM FURNISH ST PIGTAILS			
8	EA	GENERIC SIGNAL ITEM FURNISH ST SPLICE CONNECTOR			
20	EA	GENERIC SIGNAL ITEM FURNISH SURGE PROTECTOR			
1	EA	GENERIC SIGNAL ITEM FURNISH TEST CABINET/ CONTROLLER			
2	EA	GENERIC SIGNAL ITEM FURNISH VIDEO CODEC UNIT			
2	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO TRANS- CEIVER			
26	EA	GENERIC SIGNAL ITEM GENERATOR ANCHOR INTO EXISTING FOUNDATION			
5	EA	GENERIC SIGNAL ITEM LCD VIDEO MONITOR			
11	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE			
24	EA	GENERIC SIGNAL ITEM MODIFY EXISTING INTERCONNECT CENTER OR SPLICE ENCLOSURE			
1	EA	GENERIC SIGNAL ITEM NETWORK VIDEO RECORDER			
3	EA	GENERIC SIGNAL ITEM NOTEBOOK COMPUTER			
36	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION DETECTOR			
14	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION PHASE SELECTOR			
4	EA	GENERIC SIGNAL ITEM PEDESTAL STRUCTURE FOR FRONT ACCESS DMS			
5	EA	GENERIC SIGNAL ITEM PEDESTAL STRUCTURE FOR WALK-IN DMS			
13	EA	GENERIC SIGNAL ITEM POWER FROM EXISTING ELECTRICAL SERVICE			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 006

CONTRACT ID : C202726 33665.3.1

DIV OFFICE WILSON

LENGTH = 0.133 MI

COUNTY : WILSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER GREAT SWAMP AND APPROACHES ON SR-1634.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+67.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
300	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	FABRIC FOR SOIL STABILIZATION
67	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
748	SY	FOUNDATION CONDITIONING FABRIC
352	LF	15" DRAINAGE PIPE
40	TON	INCIDENTAL STONE BASE
190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
280	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX
8	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 OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
6	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
90	LF	SHOULDER BERM GUTTER
50	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
460	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
459	SF	WORK ZONE SIGNS (STATIONARY)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
2,800	LF	PAINT PAVEMENT MARKING LINES (4")
655	LF	8" WATER LINE
2	EA	8" VALVE
614	LF	ABANDON 8" UTILITY PIPE
202	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL
203	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
1,700	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
60	TON	STONE FOR EROSION CONTROL, CLASS B
125	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
80	CY	SILT EXCAVATION
1,550	SY	MATTING FOR EROSION CONTROL
550	LF	1/4" HARDWARE CLOTH
375	SY	FLOATING TURBIDITY CURTAIN
55	LF	WATTLE
20	LB	POLYACRYLAMIDE (PAM)
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING

50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+67.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+67.00-L-)
54.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+67.00-L-)
8,218	LB	REINFORCING STEEL (BRIDGE)
500	LF	HP12X53 STEEL PILES
360	LF	HP12X53 GALVANIZED STEEL PILES
440	LF	HP14X73 GALVANIZED STEEL PILES
13	EA	PILE REDRIVES
277.54	LF	VERTICAL CONCRETE BARRIER RAIL
242	TON	RIP RAP CLASS II (2'-0" THICK)
269	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,523.61	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 007

CONTRACT ID : C202730 33734.3.1

DIV OFFICE WILSON

LENGTH = 0.180 MI

COUNTY : EDGEcombe

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER TAR RIVER AND APPROACHES ON SR-1250.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (21+11.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
300	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
4,125	CY	BORROW EXCAVATION
101	CY	DRAINAGE DITCH EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
45	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
440	SY	FOUNDATION CONDITIONING FABRIC
140	LF	15" DRAINAGE PIPE
36	LF	72" RC PIPE CULVERTS, CLASS III
84	LF	15" CS PIPE CULVERTS, 0.064" THICK
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
23	LF	PIPE REMOVAL
200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
780	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
260	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
610	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
85	TON	ASPHALT BINDER FOR PLANT MIX
9	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 OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
14.2	CY	REINFORCED ENDWALLS
5	EA	MASONRY DRAINAGE STRUCTURES
18.4	CY	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
15	LF	2'-6" CONCRETE CURB & GUTTER
60	LF	SHOULDER BERM GUTTER
50	LF	STEEL BM GUARDRAIL
3	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	TON	RIP RAP, CLASS B
1,055	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
51	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (E)
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
492	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (PORTABLE)
89	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
44	EA	DRUMS
96	LF	BARRICADES (TYPE III)
240	HR	FLAGGER

1,861	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,156	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
26	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
32	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
140	LF	6" WATER LINE
2	EA	RELOCATE FIRE HYDRANT
1	EA	ABANDON UTILITY MANHOLE
1	EA	GENERIC UTILITY ITEM 6" CHECK VALVE ASSEMBLY
1,050	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
390	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
280	LF	TEMPORARY SLOPE DRAINS
7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
800	LF	SAFETY FENCE
400	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
40	SY	COIR FIBER MAT
70	SY	PERMANENT SOIL REINFORCEMENT MAT
820	LF	1/4" HARDWARE CLOTH
130	SY	FLOATING TURBIDITY CURTAIN
8	EA	SPECIAL STILLING BASINS
20	LB	POLYACRYLAMIDE (PAM)
200	LF	COIR FIBER BAFFLE
4	EA	*** SKIMMER (1-1/2")
4	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
16	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
2	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
20	LF	UNPAVED TRENCHING (***** (1, 2"))
1	EA	JUNCTION BOX (STANDARD SIZE)
200	LF	INDUCTIVE LOOP SAWCUT
400	LF	LEAD-IN CABLE (***** (14-2))

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (21+11.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+11.00-L-)
201.34	LF	***,***" DIA DRILLED PIERS (4'-0")
77.34	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	SPT TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+11.00-L-)
114.7	CY	CLASS A CONCRETE (BRIDGE)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+11.00-L-)
37,715	LB	REINFORCING STEEL (BRIDGE)
8,044	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
690	LF	HP12X53 STEEL PILES
520.5	LF	TWO BAR METAL RAIL
535.5	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-7 3/4")
400	TON	RIP RAP CLASS II (2'-0" THICK)
444	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
3,210	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
1	EA	GENERIC STRUCTURE ITEM CSL TESTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 008

CONTRACT ID : C202734 33828.3.1

DIV OFFICE WILSON

LENGTH = 0.089 MI

COUNTY : WAYNE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER WALNUT CREEK AND APPROACHES ON SR-1728.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+49)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
75	CY	DRAINAGE DITCH EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
300	SY	FABRIC FOR SOIL STABILIZATION
12	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
38	SY	FOUNDATION CONDITIONING FABRIC
16	LF	15" DRAINAGE PIPE
88	LF	15" RC PIPE CULVERTS, CLASS IV
200	TON	INCIDENTAL STONE BASE
250	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
185	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX
10	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
160	LF	SHOULDER BERM GUTTER
175	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
260	LF	GENERIC FENCING ITEM 48" WOOD FENCE RESET
500	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
26	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
5	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
565	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
1,884	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
6	EA	PERMANENT RAISED PAVEMENT MARKERS
1,050	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
245	TON	STONE FOR EROSION CONTROL, CLASS B
175	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
800	LF	SAFETY FENCE
300	CY	SILT EXCAVATION

1,800	SY	MATTING FOR EROSION CONTROL
600	LF	1/4" HARDWARE CLOTH
20	LB	POLYACRYLAMIDE (PAM)
2	ACR	SEEDING & MULCHING
2	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
16	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+49.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+49.00-L-)
49.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+49.00-L-)
8,484	LB	REINFORCING STEEL (BRIDGE)
450	LF	HP12X53 STEEL PILES
840	LF	HP14X73 GALVANIZED STEEL PILES
14	EA	PILE REDRIVES
240.5	LF	TWO BAR METAL RAIL
255.5	LF	1'-**" X ***** CONCRETE PARA- PET (1'-2" X 2'-7 1/2")
235	TON	RIP RAP CLASS II (2'-0" THICK)
262	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,402.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 009

CONTRACT ID : C202733 33820.3.1

DIV OFFICE DURHAM

LENGTH = 0.257 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER NORFOLK SOUTHERN RAILROAD AND APPROACHES ON SR-1101.

ROADWAY ITEMS

			15	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			328	SF	WORK ZONE SIGNS (STATIONARY)
			192	SF	WORK ZONE SIGNS (PORTABLE)
			52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			50	EA	DRUMS
			50	EA	CONES
			96	LF	BARRICADES (TYPE III)
			640	HR	FLAGGER
			50	EA	SKINNY DRUM
			22	EA	TEMPORARY RAISED PAVEMENT MARKERS
			2,428	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			2,428	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			23	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			564	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
			13,600	LF	PAINT PAVEMENT MARKING LINES (4")
			96	LF	PAINT PAVEMENT MARKING LINES (24")
			24	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			18	EA	PERMANENT RAISED PAVEMENT MARKERS
			93	LF	2" WATER LINE
			130	LF	6" WATER LINE
			1	EA	2" BLOW OFF
			4,100	LF	TEMPORARY SILT FENCE
			270	TON	STONE FOR EROSION CONTROL, CLASS A
			440	TON	STONE FOR EROSION CONTROL, CLASS B
			340	TON	SEDIMENT CONTROL STONE
			2.5	ACR	TEMPORARY MULCHING
			100	LB	SEED FOR TEMPORARY SEEDING
			0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
			300	LF	TEMPORARY SLOPE DRAINS
			6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			200	LF	SAFETY FENCE
			700	CY	SILT EXCAVATION
			4,000	SY	MATTING FOR EROSION CONTROL
			800	LF	1/4" HARDWARE CLOTH
			300	LF	COIR FIBER BAFFLE
			3.6	ACR	SEEDING & MULCHING
			2.5	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			75	LB	SEED FOR SUPPLEMENTAL SEEDING
			2.25	TON	FERTILIZER TOPDRESSING
			15	MHR	SPECIALIZED HAND MOWING
			18	EA	RESPONSE FOR EROSION CONTROL
			550	LF	SIGNAL CABLE
			8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			270	LF	MESSENGER CABLE (3/8")
			50	LF	PAVED TRENCHING (***** (1, 2"))
			1,210	LF	UNPAVED TRENCHING (***** (1, 2"))
			9	EA	JUNCTION BOX (STANDARD SIZE)
			2	EA	WOOD POLE
			8	EA	GUY ASSEMBLY
			1	EA	1" RISER WITH WEATHERHEAD
			5	EA	2" RISER WITH WEATHERHEAD
			480	LF	INDUCTIVE LOOP SAWCUT
			1,790	LF	LEAD-IN CABLE (***** (14-2))
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
			4	EA	DETECTOR CARD (TYPE 2070L)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+68.30)			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	200	CY			UNDERCUT EXCAVATION
Lump Sum	LS	GRADING			
	19,400	CY			BORROW EXCAVATION
	20	CY			DRAINAGE DITCH EXCAVATION
	200	CY			SELECT GRANULAR MATERIAL
	200	SY			FABRIC FOR SOIL STABILIZATION
	90	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	260	SY			FOUNDATION CONDITIONING FABRIC
	164	LF			15" DRAINAGE PIPE
	80	LF			24" DRAINAGE PIPE
	404	LF			15" RC PIPE CULVERTS, CLASS III
	56	LF			24" RC PIPE CULVERTS, CLASS III
	60	LF			15" CS PIPE CULVERTS, 0.064" THICK
	4	EA			*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
	244	LF			PIPE REMOVAL
	809	TON			AGGREGATE BASE COURSE
	200	TON			INCIDENTAL STONE BASE
	578	GAL			PRIME COAT
	290	SY			INCIDENTAL MILLING
	1,020	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	860	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	1,080	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	155	TON			ASPHALT BINDER FOR PLANT MIX
	7	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	5	EA			RIGHT OF WAY MARKERS
	10	EA			MASONRY DRAINAGE STRUCTURES
	3.86	LF			MASONRY DRAINAGE STRUCTURES
	1	EA			FRAME WITH TWO GRATES, STD 840.16
	1	EA			FRAME WITH TWO GRATES, STD 840.24
	7	EA			FRAME WITH TWO GRATES, STD 840.29
	1	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	80	LF			***X *** CONCRETE CURB (9" X 12")
	170	LF			2'-6" CONCRETE CURB & GUTTER
	614	LF			SHOULDER BERM GUTTER
	10	SY			6" CONCRETE DRIVEWAY
	140	SY			4" CONCRETE ISLAND COVERS
	220	LF			STEEL BM GUARDRAIL
	25	LF			STEEL BM GUARDRAIL, SHOP CURVED
	5	EA			ADDITIONAL GUARDRAIL POSTS
	1	EA			GUARDRAIL ANCHOR UNITS, TYPE AT-1
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE III
	3	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
	380	LF			GENERIC GUARDRAIL ITEM STEEL BEAM GUARDRAIL WITH 8' POST
	10	TON			RIP RAP, CLASS B
	485	SY			FILTER FABRIC FOR DRAINAGE
	64	LF			SUPPORTS, 3-LB STEEL U-CHANNEL
	2	EA			SIGN ERECTION, TYPE E
	2	EA			SIGN ERECTION, TYPE F

1 EA TRAFFIC SIGNAL REMOVAL

### WALL ITEMS

3,710 SF MSE RETAINING WALLS

### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+64.30-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+64.30-L-)
5,370	SF	REINFORCED CONCRETE DECK SLAB
5,354	SF	GROOVING BRIDGE FLOORS
76.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+64.30-L-)
11,824	LB	REINFORCING STEEL (BRIDGE)
687.08	LF	45" PRESTRESSED CONCRETE GIR- DERS
675	LF	HP12X53 STEEL PILES
920	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
14	EA	PILE REDRIVES
263.67	LF	TWO BAR METAL RAIL
139.33	LF	1'-**"X ***** CONCRETE PARA- PET (1'-2" X 2'-10")
139.33	LF	1'-**"X ***** CONCRETE PARA- PET (1'-2" X 3'-6 3/4")
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,500	DOL	CONTRACT TIME

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 010

CONTRACT ID : C202864 39878

DIV OFFICE DURHAM

LENGTH = 22.480 MI

COUNTY : GRANVILLE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : AUG 10 2012

11 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,470	CY	BORROW EXCAVATION
200	TON	AGGREGATE BASE COURSE
1,220	TON	INCIDENTAL STONE BASE
38.25	SMI	SHOULDER RECONSTRUCTION
50,512	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
3,098	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
1,330	SY	INCIDENTAL MILLING
459	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
15,596	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
11,896	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
300	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,785	TON	ASPHALT BINDER FOR PLANT MIX
2,300	TON	PATCHING EXISTING PAVEMENT
17	EA	ADJUSTMENT OF MANHOLES
18	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
238,274	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
156,188	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
707	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
14	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
37	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,534	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	PORTABLE LIGHTING
275	LF	TEMPORARY SILT FENCE
17.65	ACR	SEEDING & MULCHING
4,300	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 011

CONTRACT ID : C202860 5C.093056

DIV OFFICE DURHAM

LENGTH = 26.750 MI

COUNTY : WARREN

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 12 2012

## 7 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
2,330	CY	MOBILIZATION
247	TON	BORROW EXCAVATION
18.15	TON	INCIDENTAL STONE BASE
177,148	SY	SHOULDER RECONSTRUCTION
8,448	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
9,850	TON	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
6,330	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,232	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
12,356	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,153	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,350	TON	ASPHALT BINDER FOR PLANT MIX
1	EA	PATCHING EXISTING PAVEMENT
5	EA	ADJUSTMENT OF DROP INLETS
7	EA	ADJUSTMENT OF MANHOLES
221,118	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
135,630	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
145	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
14	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
468,207	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
50	LF	PAINT PAVEMENT MARKING LINES (4")
45	LF	PAINT PAVEMENT MARKING LINES (16")
2	EA	PAINT PAVEMENT MARKING LINES (24")
591	EA	PAINT PAVEMENT MARKING CHARAC- TER
1,000	EA	PERMANENT RAISED PAVEMENT MARKERS
660	LF	TEMPORARY SILT FENCE
11	LF	WATTLE
400	ACR	SEEDING & MULCHING
60	LF	INDUCTIVE LOOP SAWCUT
	LF	LEAD-IN CABLE (***** (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 012

CONTRACT ID : C202857 5CR.20731.11

DIV OFFICE DURHAM

LENGTH = 24.950 MI

COUNTY : PERSON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : AUG 17 2012

12 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
830	CY	BORROW EXCAVATION
430	TON	INCIDENTAL STONE BASE
5.2	SMI	SHOULDER RECONSTRUCTION
266,400	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
300	SY	INCIDENTAL MILLING
507	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
24,645	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,673	TON	ASPHALT BINDER FOR PLANT MIX
540	TON	PATCHING EXISTING PAVEMENT
266,355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
164,670	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
75	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1,980	LF	PAINT PAVEMENT MARKING LINES (4")
1,554	EA	PERMANENT RAISED PAVEMENT MARKERS
3.3	ACR	SEEDING & MULCHING



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 013

CONTRACT ID : C202724 33448.2.2

DIV OFFICE FAYETTEVILLE

LENGTH = 0.227 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2013

BRIDGE OVER CROSS CREEK & APPROACHES ON NC-24 IN FAYETTEVILLE.

ROADWAY ITEMS

			4	EA	TMIA	
			940	LF	PORTABLE CONCRETE BARRIER	
			700	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	
Lump Sum	LS	MOBILIZATION	180	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)	
Lump Sum	LS	CONSTRUCTION SURVEYING	760	LF	RESET PORTABLE CONCRETE BARRIER	
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	180	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)	
	1	ACR	180	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)	
	14,200	CY	180	HR	LAW ENFORCEMENT	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+55.00)	64	EA	SKINNY DRUM	
	300	CY	341	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
	20,400	CY	3,152	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
	15	CY	95	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	
	4,100	SY	8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
	300	CY	690	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)	
	2,050	SY	1,323	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	
	730	SF	29,984	LF	PAINT PAVEMENT MARKING LINES (4")	
	20	TON	432	LF	PAINT PAVEMENT MARKING LINES (8")	
	40	SY	340	LF	PAINT PAVEMENT MARKING LINES (24")	
	96	LF	24	EA	PAINT PAVEMENT MARKING CHARACTER	
	64	LF	104	EA	PAINT PAVEMENT MARKING SYMBOL	
Lump Sum	LS	FINE GRADING	11,762	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
	1,762	TON	633	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	
	380	SY	25	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	
	260	TON	472	EA	PERMANENT RAISED PAVEMENT MARKERS	
	250	TON	Lump Sum	LS	PORTABLE LIGHTING	
	500	TON	3,370	LF	TEMPORARY SILT FENCE	
	245	TON	225	TON	STONE FOR EROSION CONTROL, CLASS A	
	70	TON	380	TON	STONE FOR EROSION CONTROL, CLASS B	
	1	CY	465	TON	SEDIMENT CONTROL STONE	
	600	LF	5	ACR	TEMPORARY MULCHING	
	300	SY	200	LB	SEED FOR TEMPORARY SEEDING	
	110	SY	1,75	TON	FERTILIZER FOR TEMPORARY SEEDING	
	1	EA	800	LF	TEMPORARY SLOPE DRAINS	
	1	EA	10	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
	225	LF	900	LF	SAFETY FENCE	
	5	EA	440	CY	SILT EXCAVATION	
	4	EA	6,500	SY	MATTING FOR EROSION CONTROL	
	4	EA	1,050	SY	COIR FIBER MAT	
	300	LF	1,400	SY	PERMANENT SOIL REINFORCEMENT MAT	
	25	EA	300	LF	1/4" HARDWARE CLOTH	
	5	EA	2	EA	SPECIAL STILLING BASINS	
	43	TON	100	LF	WATTLE	
	1,149	SY	25	LB	POLYACRYLAMIDE (PAM)	
	97	LF	240	LF	COIR FIBER BAFFLE	
	12	EA	1	EA	*** SKIMMER (1-1/2")	
	13	EA	6	ACR	SEEDING & MULCHING	
	853	SF	0.5	ACR	MOWING	
	514	SF	50	LB	SEED FOR REPAIR SEEDING	
	44	SF	0.25	TON	FERTILIZER FOR REPAIR SEEDING	
	4	EA	150	LB	SEED FOR SUPPLEMENTAL SEEDING	
	4	EA	4.5	TON	FERTILIZER TOPDRESSING	
	4	EA	100	MHR	SPECIALIZED HAND MOWING	
	105	EA	30	EA	RESPONSE FOR EROSION CONTROL	
	64	EA				
	80	LF				
	56	HR				
	4	EA				
	4	EA				

0.4 ACR REFORESTATION

**WALL ITEMS**

1,595 SF SOLDIER PILE RETAINING WALLS

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (18+55.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+55.00-L-)
	2 EA	PDA TESTING
	2 EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+55.00-L-)
	20,181 SF	REINFORCED CONCRETE DECK SLAB
	16,345 SF	GROOVING BRIDGE FLOORS
	191.2 CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+55.00-L-)
	27,590 LB	REINFORCING STEEL (BRIDGE)
	2,047.5 LF	45" PRESTRESSED CONCRETE GIR- DERS
	1,210 LF	HP12X53 STEEL PILES
	1,650 LF	PP ** X **** GALVANIZED STEEL PILES (24 X 0.625)
	30 EA	PILE REDRIVES
	485 TON	RIP RAP CLASS II (2'-0" THICK)
	540 SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
	462.17 LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 014

CONTRACT ID : C202732 33757.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.223 MI

COUNTY : HARNETT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER BARBEQUE CREEK AND APPROACHES ON SR-1213.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (19+20.00-L-)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING
	300	CY UNDERCUT EXCAVATION
	300	CY SELECT GRANULAR MATERIAL
	400	SY FABRIC FOR SOIL STABILIZATION
	10	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	20	SY FOUNDATION CONDITIONING FABRIC
	10	LF 15" DRAINAGE PIPE
	24	LF 15" RC PIPE CULVERTS, CLASS IV
	600	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
	420	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	55	TON ASPHALT BINDER FOR PLANT MIX
	45	CY SUBDRAIN EXCAVATION
	34	CY SUBDRAIN FINE AGGREGATE
	200	LF 6" PERFORATED SUBDRAIN PIPE
	1	EA SUBDRAIN PIPE OUTLETS
	6	LF 6" OUTLET PIPE (SUBDRAINS)
	2	EA MASONRY DRAINAGE STRUCTURES
	2	EA FRAME WITH TWO GRATES, STD 840.29
	100	LF SHOULDER BERM GUTTER
	75	LF STEEL BM GUARDRAIL
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350
	375	SY FILTER FABRIC FOR DRAINAGE
	1	EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
	329	SF WORK ZONE SIGNS (STATIONARY)
	57	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	80	LF BARRICADES (TYPE III)
	9,400	LF PAINT PAVEMENT MARKING LINES (4")
	15	EA PERMANENT RAISED PAVEMENT MARKERS
	2,350	LF TEMPORARY SILT FENCE
	160	TON STONE FOR EROSION CONTROL, CLASS A
	50	TON STONE FOR EROSION CONTROL, CLASS B
	60	TON SEDIMENT CONTROL STONE
	1	ACR TEMPORARY MULCHING
	100	LB SEED FOR TEMPORARY SEEDING
	1.25	TON FERTILIZER FOR TEMPORARY SEEDING
	100	LF TEMPORARY SLOPE DRAINS
	4	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	400	LF SAFETY FENCE
	120	CY SILT EXCAVATION
	2,100	SY MATTING FOR EROSION CONTROL
	510	SY COIR FIBER MAT
	250	SY PERMANENT SOIL REINFORCEMENT MAT
	150	LF 1/4" HARDWARE CLOTH
	75	SY FLOATING TURBIDITY CURTAIN
	170	LF WATTLE
	120	LF COIR FIBER WATTLE
	25	LB POLYACRYLAMIDE (PAM)
	55	LF COIR FIBER BAFFLE
	1	EA *** SKIMMER (1-1/2")
	3	ACR SEEDING & MULCHING

0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
30	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+20.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19+20.00-L-)
	42.9	CY CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+20.00-L-)
	7,295	LB REINFORCING STEEL (BRIDGE)
	350	LF HP12X53 STEEL PILES
	240	LF HP14X73 GALVANIZED STEEL PILES
	18	EA STEEL PILE POINTS
	7	EA PILE REDRIVES
	355.25	LF VERTICAL CONCRETE BARRIER RAIL
	300	TON RIP RAP CLASS II (2'-0" THICK)
	333	SY FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
	1,776.25	LF 3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 015

CONTRACT ID : C202861 6CR.10261.73

DIV OFFICE FAYETTEVILLE

LENGTH = 78.950 MI

COUNTY : CUMBERLAND, HARNETT

WIDENING, MILLING, RESURFACING, SIGNALS &amp; SHOULDER RECONST.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : DEC 16 2012

1 SECTION OF US-301 AND US-401, 1 SECTION OF NC-82, NC-24, NC-27, AND NC-55 AND 76 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,373	CY	BORROW EXCAVATION
1,497	TON	INCIDENTAL STONE BASE
128.7	SMI	SHOULDER RECONSTRUCTION
27,298	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
66,055	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
10,901	SY	INCIDENTAL MILLING
3,805	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
47,099	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
46,887	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
6,603	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
6,584	TON	ASPHALT BINDER FOR PLANT MIX
2,370	TON	PATCHING EXISTING PAVEMENT
31,305	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
33,058	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
2	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS
77	EA	GENERIC PAVING ITEM RETROFIT EXISTING CURB RAMPS
87	EA	ADJUSTMENT OF MANHOLES
144	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
425,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
473,355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
10,705	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
3,345	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
145	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
416	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
880,790	LF	PAINT PAVEMENT MARKING LINES (4")
250	LF	PAINT PAVEMENT MARKING LINES (8")
5,801	EA	PERMANENT RAISED PAVEMENT MARKERS
6,460	LF	TEMPORARY SILT FENCE
640	SY	MATTING FOR EROSION CONTROL
1,150	LF	WATTLE
46	LB	POLYACRYLAMIDE (PAM)
154	ACR	SEEDING & MULCHING
190	LF	PAVED TRENCHING (*****) (1, 2")
570	LF	UNPAVED TRENCHING (*****) (1, 1")
1,900	LF	UNPAVED TRENCHING (*****) (1, 2")
19	EA	JUNCTION BOX (*****) (STANDARD)
15	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
19	EA	2" RISER WITH WEATHERHEAD
17,145	LF	INDUCTIVE LOOP SAWCUT
1,900	LF	LEAD-IN CABLE (*****) (14-2)

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 016

CONTRACT ID : C202156 34762.3.4

DIV OFFICE GREENSBORO

LENGTH = 0.748 MI

COUNTY : ORANGE

WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL 13.0% COMPLETION DATE : JUL 01 2013

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

ROADWAY ITEMS				
		1.009	CY	PIPE COLLARS
		0.882	CY	PIPE PLUGS
		40.3	CY	FLOWABLE FILL
		76	EA	MASONRY DRAINAGE STRUCTURES
		31.6	LF	MASONRY DRAINAGE STRUCTURES
		15	EA	FRAME WITH TWO GRATES, STD 840.16
		1	EA	FRAME WITH TWO GRATES, STD 840.24
		2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
		26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
		23	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
		7	EA	FRAME WITH COVER, STD 840.54
		120	LF	***X*** CONCRETE CURB (9" X 18")
		7,830	LF	2'-6" CONCRETE CURB & GUTTER
		30	LF	CONCRETE EXPRESSWAY GUTTER
		3,410	SY	4" CONCRETE SIDEWALK
		180	SY	6" CONCRETE DRIVEWAY
		70	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
		720	SY	GENERIC PAVING ITEM REMOVE AND RESET BRICK SIDEWALK
		38	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS
		1	EA	GENERIC PAVING ITEM RETROFIT EXISTING CURB RAMP
		10	EA	ADJUSTMENT OF MANHOLES
		2,000	LF	GENERIC FENCING ITEM TEMPORARY 72" CHAIN LINK FENCE
		360	TON	RIP RAP, CLASS I
		20	TON	RIP RAP, CLASS B
		3,230	SY	FILTER FABRIC FOR DRAINAGE
		890	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
		1	EA	SIGN ERECTION, TYPE D
		44	EA	SIGN ERECTION, TYPE E
		5	EA	SIGN ERECTION, TYPE F
		61	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
		675	SF	WORK ZONE SIGNS (STATIONARY)
		890	SF	WORK ZONE SIGNS (PORTABLE)
		61	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
		2	EA	FLASHING ARROW PANELS, TYPE C
		4	EA	CHANGEABLE MESSAGE SIGN
		58	EA	DRUMS
		356	LF	BARRICADES (TYPE III)
		660	MD	FLAGGER
		2	EA	TMIA
		2,211	LF	WATER FILLED BARRIER
		3,887	LF	RESET WATER FILLED BARRIER
		270	EA	SKINNY DRUM
		7,380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		11,560	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		2,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
		33	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
		142	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		63,200	LF	PAINT PAVEMENT MARKING LINES (4")
		1,430	LF	PAINT PAVEMENT MARKING LINES (8")
		2,650	LF	PAINT PAVEMENT MARKING LINES (24")
		57	EA	PAINT PAVEMENT MARKING CHARACTER
Lump Sum	LS			MOBILIZATION
3,500	CY			SHALLOW UNDERCUT
Lump Sum	LS			GRADING
1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
350	CY			UNDERCUT EXCAVATION
8,500	TON			CLASS IV SUBGRADE STABILIZATION
1,720	CY			DRAINAGE DITCH EXCAVATION
375	CY			SELECT GRANULAR MATERIAL
9,825	SY			FABRIC FOR SOIL STABILIZATION
100	CY			GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL
740	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
1,680	SY			FOUNDATION CONDITIONING FABRIC
76	LF			15" RC PIPE CULVERTS, CLASS III
36	LF			30" RC PIPE CULVERTS, CLASS III
172	LF			42" RC PIPE CULVERTS, CLASS III
1,932	LF			15" RC PIPE CULVERTS, CLASS IV
358	LF			18" RC PIPE CULVERTS, CLASS IV
1,420	LF			24" RC PIPE CULVERTS, CLASS IV
556	LF			30" RC PIPE CULVERTS, CLASS IV
16	LF			15" CS PIPE CULVERTS, 0.064" THICK
52	LF			24" CS PIPE CULVERTS, 0.064" THICK
332	LF			30" CS PIPE CULVERTS, 0.079" THICK
2	EA			*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
2	EA			*** CS PIPE ELBOWS, ***** THICK (24", 0.064")
2	EA			*** CS PIPE ELBOWS, ***** THICK (30", 0.079")
40	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (42", 0.109", B)
40	LF			*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (42", 0.109", B)
32	LF			GENERIC PIPE ITEM TEMPORARY 12" PLASTIC CORRUGATED PIPE
920.4	LF			PIPE REMOVAL
40	TON			#57 STONE
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 ***** DEPTH (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
112	CY			SUBDRAIN EXCAVATION
84	CY			SUBDRAIN FINE AGGREGATE
500	LF			6" PERFORATED SUBDRAIN PIPE
1	EA			SUBDRAIN PIPE OUTLETS
6	LF			6" OUTLET PIPE (SUBDRAINS)
4.5	CY			ENDWALLS

	16	EA	GENERIC SIGNAL ITEM APS DETECTOR STATIONS
	2	EA	GENERIC SIGNAL ITEM CENTRAL CONTROL UNITS FOR APS DETECTOR STATIONS
	16	EA	GENERIC SIGNAL ITEM PUSH BUTTON POSTS
201	EA		PAINT PAVEMENT MARKING SYMBOL
10,900	LF		REMOVAL OF PAVEMENT MARKING LINES (4")
100	LF		REMOVAL OF PAVEMENT MARKING LINES (8")
70	LF		REMOVAL OF PAVEMENT MARKING LINES (24")
25	EA		REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
93	LF		2" WATER LINE
859	LF		8" WATER LINE
3,956	LF		12" WATER LINE
11	EA		8" VALVE
23	EA		12" VALVE
34	EA		RELOCATE WATER METER
1	EA		RECONNECT WATER METER
6	EA		RELOCATE FIRE HYDRANT
5	EA		SANITARY SEWER CLEAN-OUT
3,063	LF		ABANDON 8" UTILITY PIPE
1,580	LF		ABANDON 12" UTILITY PIPE
100	LF		TRENCHLESS INSTALLATION OF 8" IN SOIL
100	LF		TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
88	LF		TRENCHLESS INSTALLATION OF 12" IN SOIL
88	LF		TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
8,000	LF		TEMPORARY SILT FENCE
2,700	TON		STONE FOR EROSION CONTROL, CLASS A
400	TON		STONE FOR EROSION CONTROL, CLASS B
1,200	TON		SEDIMENT CONTROL STONE
9	ACR		TEMPORARY MULCHING
300	LB		SEED FOR TEMPORARY SEEDING
2.25	TON		FERTILIZER FOR TEMPORARY SEED- ING
65	LF		TEMPORARY SLOPE DRAINS
100	LF		SAFETY FENCE
2,100	CY		SILT EXCAVATION
13,250	SY		MATTING FOR EROSION CONTROL
15	SY		COIR FIBER MAT
3,225	SY		PERMANENT SOIL REINFORCEMENT MAT
4,700	LF		1/4" HARDWARE CLOTH
1,200	LF		COIR FIBER BAFFLE
1	EA		*** SKIMMER (2")
9	ACR		SEEDING & MULCHING
9	ACR		MOWING
150	LB		SEED FOR REPAIR SEEDING
0.25	TON		FERTILIZER FOR REPAIR SEEDING
225	LB		SEED FOR SUPPLEMENTAL SEEDING
6.25	TON		FERTILIZER TOPDRESSING
10	MHR		SPECIALIZED HAND MOWING
150	EA		RESPONSE FOR EROSION CONTROL
8	EA		PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)
3,310	LF		SIGNAL CABLE
9	EA		VEHICLE SIGNAL HEAD (12", 3 SECTION)
2	EA		VEHICLE SIGNAL HEAD (12", 4 SECTION)
3	EA		VEHICLE SIGNAL HEAD (12", 5 SECTION)
250	LF		MESSENGER CABLE (1/4")
420	LF		MESSENGER CABLE (3/8")
375	LF		UNPAVED TRENCHING (***** (1, 2")
30	LF		UNPAVED TRENCHING (***** (3, 2")
7	EA		JUNCTION BOX (STANDARD SIZE)
4	EA		WOOD POLE
9	EA		GUY ASSEMBLY
2	EA		1" RISER WITH WEATHERHEAD
16	EA		2" RISER WITH WEATHERHEAD
1	EA		2" RISER WITH HEAT SHRINK TUBING
3,835	LF		INDUCTIVE LOOP SAWCUT
7,905	LF		LEAD-IN CABLE (***** (14-2)
1	EA		INTERCONNECT CENTER
2	EA		CABLE TRANSFER
3	EA		SIGN FOR SIGNALS
1	EA		CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
7	EA		DETECTOR CARD (TYPE 2070L)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 017

CONTRACT ID : C202862 7C.068096

DIV OFFICE GREENSBORO

LENGTH = 13.696 MI

COUNTY : ORANGE

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : AUG 03 2012

4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
76	CY	BORROW EXCAVATION
693	TON	INCIDENTAL STONE BASE
27.39	SMI	SHOULDER RECONSTRUCTION
7,549	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (7")
700	SY	INCIDENTAL MILLING
17,687	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
17,964	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,981	TON	ASPHALT BINDER FOR PLANT MIX
27,192	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
155,722	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
1	EA	ADJUSTMENT OF MANHOLES
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
73,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
65,377	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
290	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
212	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
268,320	LF	PAINT PAVEMENT MARKING LINES (4")
742	LF	PAINT PAVEMENT MARKING LINES (8")
1,150	EA	PERMANENT RAISED PAVEMENT MARKERS
4.97	ACR	SEEDING & MULCHING
4.97	ACR	RESIDENTIAL SEEDING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 018

CONTRACT ID : C202856 7CR.10791.36

DIV OFFICE GREENSBORO

LENGTH = 12.528 MI

COUNTY : ROCKINGHAM

MILLING AND RESURFACING.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : AUG 03 2012

NC-770/87 FROM NC-14 TO SR-1533, NC-87 FROM NC-65 TO NC-770, AND 3 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,213	TON	INCIDENTAL STONE BASE
4,608	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
3,121	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/4")
534	SY	INCIDENTAL MILLING
17,639	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
514	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,095	TON	ASPHALT BINDER FOR PLANT MIX
13,901	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
181,892	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
40	TON	GENERIC PAVING ITEM 3" PATCHING OF EXISTING PAVE- MENT
5,110	TON	GENERIC PAVING ITEM 8" PATCHING OF EXISTING PAVE- MENT
16	EA	GENERIC PAVING ITEM RETROFIT EXISTING CURB RAMPS
27	EA	ADJUSTMENT OF MANHOLES
21	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
109,230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
103,414	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
64	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
326	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,037	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
735	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
372	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
519	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
40	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
70	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
32,492	LF	PAINT PAVEMENT MARKING LINES (4")
44	LF	PAINT PAVEMENT MARKING LINES (24")
50	EA	PERMANENT RAISED PAVEMENT MARKERS
900	EA	SNOWPLOWABLE PAVEMENT MARKERS
25	LF	UNPAVED TRENCHING (*****) (1, 2")
1	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	2" RISER WITH WEATHERHEAD
200	LF	INDUCTIVE LOOP SAWCUT
25	LF	LEAD-IN CABLE (*****) (14-2)



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 019

CONTRACT ID : C202735 38473.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.057 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : JUL 15 2012

BRIDGE OVER REEDY CREEK AND APPROACHES ON SR-1445.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (22+46.50)
175	CY	SHALLOW UNDERCUT
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
350	TON	CLASS IV SUBGRADE STABILIZATION
90	CY	DRAINAGE DITCH EXCAVATION
500	SY	FABRIC FOR SOIL STABILIZATION
3	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
8	SY	FOUNDATION CONDITIONING FABRIC
24	LF	15" CS PIPE CULVERTS, 0.064" THICK
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
220	SY	INCIDENTAL MILLING
115	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
100	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
12	TON	ASPHALT BINDER FOR PLANT MIX
4	EA	RIGHT OF WAY MARKERS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
51	LF	SHOULDER BERM GUTTER
50	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
205	TON	RIP RAP, CLASS I
280	TON	RIP RAP, CLASS II
1	TON	RIP RAP, CLASS B
1,020	SY	FILTER FABRIC FOR DRAINAGE
76	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
439	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
1,806	LF	PAINT PAVEMENT MARKING LINES (4")
381	LF	6" WATER LINE
820	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
30	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
40	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
145	LF	1/4" HARDWARE CLOTH
0.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING

50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (22+46.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+46.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (22+46.50-L-)
40.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+46.50-L-)
5,418	LB	REINFORCING STEEL (BRIDGE)
360	LF	HP12X53 STEEL PILES
205.21	LF	VERTICAL CONCRETE BARRIER RAIL
310	TON	RIP RAP CLASS II (2'-0" THICK)
345	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,128.66	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 020

CONTRACT ID : C202855

10CR.10041.36

DIV OFFICE ALBEMARLE

LENGTH = 3.787 MI

COUNTY : ANSON

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 08 2012

US-74 FROM UNION CO TO PEACHLAND EAST CITY LIMIT, AND NC-742 FROM SR-1439 TO SR-1610.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
500	CY	UNDERCUT EXCAVATION
800	CY	BORROW EXCAVATION
217	TON	AGGREGATE BASE COURSE
40	TON	INCIDENTAL STONE BASE
2.3	SMI	SHOULDER CONSTRUCTION
5.5	SMI	SHOULDER RECONSTRUCTION
3,000	SY	MILLING ASPHALT PAVEMENT, *** TO *****" DEPTH (1.5" TO 4")
115	SY	INCIDENTAL MILLING
2,025	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
7,550	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
6,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
860	TON	ASPHALT BINDER FOR PLANT MIX
965	TON	PATCHING EXISTING PAVEMENT
20	SY	6" CONCRETE DRIVEWAY
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
40,274	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
15,524	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
53,700	LF	PAINT PAVEMENT MARKING LINES (4")
423	EA	PERMANENT RAISED PAVEMENT MARKERS
210	LF	TEMPORARY SILT FENCE
74	TON	STONE FOR EROSION CONTROL, CLASS B
37	TON	SEDIMENT CONTROL STONE
320	LF	WATTLE
0.85	LB	POLYACRYLAMIDE (PAM)
1.79	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 021

CONTRACT ID : C202585 34402.3.7

DIV OFFICE NORTH WILKESBORO

LENGTH = 4.034 MI

COUNTY : WATAUGA, CALDWELL

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURES.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : OCT 01 2015

US-321 FROM SOUTH OF SR-1500 TO US-221 AT BLOWING ROCK.

ROADWAY ITEMS					
			152	LF	*** CS PIPE CULVERTS, ***** THICK (18", 0.168")
Lump Sum	LS	MOBILIZATION	1,228	LF	*** CS PIPE CULVERTS, ***** THICK (24", 0.168")
Lump Sum	LS	CONSTRUCTION SURVEYING	584	LF	*** CS PIPE CULVERTS, ***** THICK (30", 0.168")
720	MHR	GENERIC MISCELLANEOUS ITEM RESCALING SLOPES	296	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.168")
450	LF	GENERIC MISCELLANEOUS ITEM ROCKFALL CONTROL FENCE	116	LF	*** CS PIPE CULVERTS, ***** THICK (42", 0.168")
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.168")
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING	22	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.168")
325,500	CY	UNCLASSIFIED EXCAVATION	8	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.168")
1,200	CY	UNDERCUT EXCAVATION	6	EA	*** CS PIPE ELBOWS, ***** THICK (36", 0.168")
500	CY	SHALLOW UNDERCUT	2	EA	*** CS PIPE ELBOWS, ***** THICK (42", 0.168")
1,000	TON	CLASS IV SUBGRADE STABILIZATION	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (24", 0.5", B)
1,600	SY	PRE-SPLITTING OF ROCK	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (30", 0.5", B)
5,550	CY	DRAINAGE DITCH EXCAVATION	40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (36", 0.5", B)
4,660	LF	BERM DITCH CONSTRUCTION	56	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (42", 0.625", B)
39,570	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	108	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (84", 1.0", B)
6,030	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (24", 0.5", B)
2,000	CY	SELECT GRANULAR MATERIAL, CLASS III	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (30", 0.5", B)
2,200	SY	FABRIC FOR SOIL STABILIZATION	40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (36", 0.5", B)
16,300	SF	TEMPORARY SHORING	56	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (42", 0.625", B)
40,000	CY	GENERIC GRADING ITEM TOE BENCHING EXCAVATION	108	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (84", 1.0", B)
11,000	SY	GENERIC GRADING ITEM FILTER FABRIC FOR ROCK EMBANKMENTS	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (24", 0.5", B)
2,000	SY	GENERIC GRADING ITEM GEOTEXTILE FOR PAVEMENT STABILIZATION	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (30", 0.5", B)
560	SY	GENERIC GRADING ITEM WIRE MESH	40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (36", 0.5", B)
150	TON	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	56	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (42", 0.625", B)
1,200	LF	GENERIC GRADING ITEM TENSIONED ROCK BOLT	108	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (84", 1.0", B)
600	LF	GENERIC GRADING ITEM UNTENSIONED ROCK ANCHOR FOR WIRE MESH	50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (24", 0.5", B)
800	LF	GENERIC GRADING ITEM WEEP HOLES	82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (30", 0.5", B)
454,000	TON	SELECT MATERIAL, CLASS ***** (VII)	40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (36", 0.5", B)
2,670	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	56	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (42", 0.625", B)
8,390	SY	FOUNDATION CONDITIONING FABRIC	108	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (84", 1.0", B)
56	LF	*** SIDE DRAIN PIPE (12")	452	LF	GENERIC PIPE ITEM 30" HDPE PIPE LINER
1,940	LF	15" SIDE DRAIN PIPE	2,815	LF	PIPE REMOVAL
672	LF	18" SIDE DRAIN PIPE	Lump Sum	LS	FINE GRADING
1	EA	*** SIDE DRAIN PIPE ELBOWS (12")	500	TON	STABILIZER AGGREGATE
33	EA	*** SIDE DRAIN PIPE ELBOWS (15")	45,900	TON	AGGREGATE BASE COURSE
15	EA	*** SIDE DRAIN PIPE ELBOWS (18")	5,000	TON	INCIDENTAL STONE BASE
512	LF	***** RC PIPE CULVERTS, CLASS IV (48")	2,320	CY	SHOULDER BORROW
144	LF	***** RC PIPE CULVERTS, CLASS IV (54")	105	GAL	PRIME COAT
348	LF	***** RC PIPE CULVERTS, CLASS IV (60")	49,180	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
8,728	LF	15" RC PIPE CULVERTS, CLASS IV	2,050	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,868	LF	18" RC PIPE CULVERTS, CLASS IV	48,380	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
3,764	LF	24" RC PIPE CULVERTS, CLASS IV	660	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
2,024	LF	30" RC PIPE CULVERTS, CLASS IV	39,140	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
760	LF	36" RC PIPE CULVERTS, CLASS IV	1,530	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,380	LF	42" RC PIPE CULVERTS, CLASS IV			

26,490	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	435	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
5,785	TON	ASPHALT BINDER FOR PLANT MIX	45	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
4,740	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	210	LF	BARBED WIRE FENCE RESET
8,660	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	275	LF	GENERIC FENCING ITEM 8' WOOD FENCE RESET
107	EA	RIGHT OF WAY MARKERS	185	LF	GENERIC FENCING ITEM 72" WOODEN FENCE
112	CY	SUBDRAIN EXCAVATION	1,475	LF	GENERIC FENCING ITEM RETAINING WALL ALUMINUM PICKET FENCE
84	CY	SUBDRAIN FINE AGGREGATE	200	LF	GENERIC FENCING ITEM TREE PROTECTION FENCE
500	LF	6" PERFORATED SUBDRAIN PIPE	1,055	TON	RIP RAP, CLASS I
1	EA	SUBDRAIN PIPE OUTLETS	6,000	TON	RIP RAP, CLASS A
6	LF	6" OUTLET PIPE (SUBDRAINS)	705	TON	RIP RAP, CLASS B
30	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	9,060	SY	FILTER FABRIC FOR DRAINAGE
13	CY	ENDWALLS	2	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
13	CY	REINFORCED ENDWALLS	1,519	LB	SUPPORTS, BREAKAWAY STEEL BEAM
2	CY	PIPE COLLARS	3,459	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
8	CY	PIPE PLUGS	40	LF	SUPPORTS, WOOD
245	CY	FLOWABLE FILL	7	EA	SIGN ERECTION, TYPE D
299	EA	MASONRY DRAINAGE STRUCTURES	129	EA	SIGN ERECTION, TYPE E
34	CY	MASONRY DRAINAGE STRUCTURES	20	EA	SIGN ERECTION, TYPE F
100	LF	MASONRY DRAINAGE STRUCTURES	2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
46	EA	FRAME WITH TWO GRATES, STD 840.16	5	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
28	EA	FRAME WITH TWO GRATES, STD 840.24	5	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
31	EA	FRAME WITH TWO GRATES, STD 840.29	4	EA	DISPOSAL OF SUPPORT, WOOD
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	85	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
85	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	36	EA	DISPOSAL OF SIGN SYSTEM, WOOD
77	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	5	EA	DISPOSAL OF SUPPORT, U-CHANNEL
25	EA	FRAME WITH COVER, STD 840.54	5,161	SF	WORK ZONE SIGNS (STATIONARY)
60	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET	2,236	SF	WORK ZONE SIGNS (PORTABLE)
6	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	464	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
23	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS	2	EA	FLASHING ARROW PANELS, TYPE C
520	LF	***X*** CONCRETE CURB (8" X 18")	12	EA	CHANGEABLE MESSAGE SIGN
5,500	LF	1'-6" CONCRETE CURB & GUTTER	1,010	EA	DRUMS
33,740	LF	2'-6" CONCRETE CURB & GUTTER	160	EA	CONES
5,940	LF	CONCRETE EXPRESSWAY GUTTER	784	LF	BARRICADES (TYPE III)
9,600	SY	4" CONCRETE SIDEWALK	15,120	HR	FLAGGER
1,270	SY	6" CONCRETE DRIVEWAY	20	EA	TEMPORARY CRASH CUSHIONS
1,330	SY	4" CONCRETE PAVED DITCH	18	EA	RESET TEMPORARY CRASH CUSHIONS
2,900	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	2	EA	TMIA
160	SY	GENERIC PAVING ITEM MEDIAN CROSSOVER	2,300	LF	PORTABLE CONCRETE BARRIER
80	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS	4,000	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
8,731	LF	REMOVE EXISTING GUARDRAIL	1,000	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
13,125	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS	2,150	LF	RESET PORTABLE CONCRETE BARRIER
3,250	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS (8' POST)	500	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
450	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS (9' POST)	2,505	LF	WATER FILLED BARRIER
350	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS, SHOP CURVED	3,511	LF	RESET WATER FILLED BARRIER
75	LF	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL WITH PAINTED LAPS, SHOP CURVED (8' POST)	450	HR	LAW ENFORCEMENT
25	EA	GENERIC GUARDRAIL ITEM PAINTED ADDITIONAL GUARDRAIL POSTS	272	EA	SKINNY DRUM
31	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE 350	1,965	EA	TEMPORARY RAISED PAVEMENT MARKERS
14	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE AT-1	804	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
28	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2,768	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
5,125	LF	VINYL COATED CHAIN LINK FENCE, *** FABRIC (48")	651	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			113	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			953,520	LF	PAINT PAVEMENT MARKING LINES (4")
			10,680	LF	PAINT PAVEMENT MARKING LINES (8")
			8,404	LF	PAINT PAVEMENT MARKING LINES (24")
			32	EA	PAINT PAVEMENT MARKING CHARACTER
			464	EA	PAINT PAVEMENT MARKING SYMBOL
			76,545	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
			553	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
			69,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")

2,000	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	877	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE B3
312	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	115	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE B4
50	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	121	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE B5
2,982	EA	SNOWPLOWABLE PAVEMENT MARKERS	105	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE C1
88	LF	2" WATER LINE	84	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE C2
8	LF	4" WATER LINE	293	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE C3
539	LF	6" WATER LINE	631	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE C4
1,040	LF	8" WATER LINE	337	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE C5
30	LF	10" WATER LINE	90	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE C6
9,630	LF	12" WATER LINE	110	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE C7
1	EA	2" VALVE	650	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE D1
1	EA	4" VALVE	707	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE E1
7	EA	6" VALVE	490	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE E2
10	EA	8" VALVE	215	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE E5
9	EA	12" VALVE	82	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE E6
1	EA	6" TAPPING VALVE	86	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE E7
1	EA	8" TAPPING VALVE	43	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE E8
14	EA	RELOCATE WATER METER	89	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE E9
23	EA	RECONNECT WATER METER	832	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE J1
6	EA	FIRE HYDRANT	139	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE J2
15	EA	RELOCATE FIRE HYDRANT	156	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE J3
570	LF	4" SANITARY GRAVITY SEWER	366	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE J4
645	LF	8" SANITARY GRAVITY SEWER	102	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE J5
28	LF	12" SANITARY GRAVITY SEWER	32	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE J6
32	LF	2" FORCE MAIN SEWER	4,481	CY	GENERIC UTILITY ITEM DUCTBANK FLOWABLE FILL
7	EA	SANITARY SEWER CLEAN-OUT	50,000	LF	TEMPORARY SILT FENCE
5	EA	4' DIA UTILITY MANHOLE	11,830	TON	STONE FOR EROSION CONTROL, CLASS A
3	LF	UTILITY MANHOLE WALL, 4' DIA	18,035	TON	STONE FOR EROSION CONTROL, CLASS B
6,867	LF	ABANDON 8" UTILITY PIPE	14,300	TON	SEDIMENT CONTROL STONE
392	LF	ABANDON 12" UTILITY PIPE	165	ACR	TEMPORARY MULCHING
1	EA	REMOVE UTILITY MANHOLE	2,400	LB	SEED FOR TEMPORARY SEEDING
34	EA	GENERIC UTILITY ITEM BOX PAD - PJE TYPE 3-PH	10.5	TON	FERTILIZER FOR TEMPORARY SEEDING
1	EA	GENERIC UTILITY ITEM BOX PAD - PME TYPE 10	31,200	LF	TEMPORARY SLOPE DRAINS
4	EA	GENERIC UTILITY ITEM BOX PAD - PME TYPE 11	300	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
12	EA	GENERIC UTILITY ITEM BOX PAD - PME TYPE 9	13,000	LF	SAFETY FENCE
17	EA	GENERIC UTILITY ITEM CABLE TV VAULT (CV) - TYPE 24" X 36" X 24"	27,950	CY	SILT EXCAVATION
16	EA	GENERIC UTILITY ITEM ELECTRIC FO HANDHOLE (F) -TYPE 24" X 36" X 24"	100,000	SY	MATTING FOR EROSION CONTROL
20	EA	GENERIC UTILITY ITEM ELECTRIC FO VAULT (FV) - TYPE 30" X 48" X 36"	350	SY	COIR FIBER MAT
1	EA	GENERIC UTILITY ITEM ELECTRIC VAULT (UVE) - TYPE 6' X 8' X 6'	8,900	SY	PERMANENT SOIL REINFORCEMENT MAT
2	EA	GENERIC UTILITY ITEM ELECTRIC VAULT (UVE) - TYPE 8' X 18' X 6'-6"	20,000	LF	1/4" HARDWARE CLOTH
203	EA	GENERIC UTILITY ITEM STREET LIGHT HANDHOLE (SL) - TYPE 13" X 24" X 18"	250	LF	*** TEMPORARY PIPE (24")
17	EA	GENERIC UTILITY ITEM TELEPHONE VAULT (TV) - TYPE 6' X 12' X 7'	1,100	SY	FLOATING TURBIDITY CURTAIN
12,306	LF	GENERIC UTILITY ITEM DIRECT BURY CONDUIT	12	EA	SPECIAL STILLING BASINS
2,203	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A1	26,200	LF	WATTLE
100	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A10	30,040	LB	POLYACRYLAMIDE (PAM)
146	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A11	5,000	LF	COIR FIBER BAFFLE
463	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A2	4	EA	*** SKIMMER (1-1/2")
132	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A3	90	ACR	SEEDING & MULCHING
936	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A4	75	ACR	MOWING
40	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A5	1,650	LB	SEED FOR REPAIR SEEDING
60	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A6	6	TON	FERTILIZER FOR REPAIR SEEDING
310	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A7	2,275	LB	SEED FOR SUPPLEMENTAL SEEDING
387	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A8	50	TON	FERTILIZER TOPDRESSING
155	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE A9	210	LF	IMPERVIOUS DIKE
4,288	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE B1	270	MHR	SPECIALIZED HAND MOWING
369	LF	GENERIC UTILITY ITEM DUCTBANK - TYPE B2	120	EA	RESPONSE FOR EROSION CONTROL
			2.4	ACR	REFORESTATION
			5	ACR	GENERIC EROSION CONTROL ITEM SEEDING
			17,500	LB	GENERIC EROSION CONTROL ITEM BONDED FIBER MATRIX

			540	LF	GENERIC RETAINING WALL ITEM MOMENT SLAB WITH TL-4 BARRIER RAIL
18	TON	GENERIC EROSION CONTROL ITEM AERIAL FERTILIZER TOPDRESSING	5,050	SF	GENERIC RETAINING WALL ITEM CIP GRAVITY RETAINING WALLS
16	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION WITH COUNT- DOWN)	6,523	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL WITH CIP FACE
7,225	LF	SIGNAL CABLE	1,577	SF	GENERIC RETAINING WALL ITEM NATURAL STONE VENEER
2	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)	35,464	SF	GENERIC RETAINING WALL ITEM SMSE RETAINING WALL
48	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	10,167	SF	GENERIC RETAINING WALL ITEM SMSE RETAINING WALL WITH CIP FACE
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	225	CY	GENERIC RETAINING WALL ITEM FOAMED CONCRETE
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
1,305	LF	MESSENGER CABLE (3/8")			
1,085	LF	UNPAVED TRENCHING (***** (1, 2")			
900	LF	DIRECTIONAL DRILL (***** (2, 2")			
22	EA	JUNCTION BOX (STANDARD SIZE)			
12	EA	WOOD POLE			
24	EA	GUY ASSEMBLY			
3	EA	1" RISER WITH WEATHERHEAD			
16	EA	2" RISER WITH WEATHERHEAD			
7,455	LF	INDUCTIVE LOOP SAWCUT			
16,755	LF	LEAD-IN CABLE (***** (14-2)			
3	EA	900MHZ WIRELESS RADIO SYSTEM			
1	EA	900MHZ WIRELESS REPEATER STANDALONE RADIO SYSTEM			
1	EA	NEW ELECTRICAL SERVICE			
10	EA	METAL POLE WITH SINGLE MAST ARM			
1	EA	METAL POLE WITH DUAL MAST ARM			
11	EA	SOIL TEST			
88	CY	DRILLED PIER FOUNDATION			
6	EA	SIGNAL PEDESTAL WITH FOUNDA- TION			
11	EA	MAST ARM WITH METAL POLE DE- SIGN			
2	EA	SIGN FOR SIGNALS			
2	EA	SIGNAL CABINET FOUNDATION			
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
18	EA	DETECTOR CARD (TYPE 2070L)			
2	EA	CABINET BASE EXTENDER			
1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO LIGHTNING ARRESTOR			
1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM			
1	EA	GENERIC SIGNAL ITEM PROTECTIVE BLACK COATING FOR DOUBLE MAST ARM WITH METAL POLE			
6	EA	GENERIC SIGNAL ITEM PROTECTIVE BLACK COATING FOR PEDESTRIAN PEDESTAL			
10	EA	GENERIC SIGNAL ITEM PROTECTIVE BLACK COATING FOR SINGLE MAST ARM WITH METAL POLE			

### CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (523+33.51-L-)			
283	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT			
385.3	CY	CLASS A CONCRETE (CULVERT)			
79,799	LB	REINFORCING STEEL (CULVERT)			
132	TON	GENERIC CULVERT ITEM BED MATERIAL			

### WALL ITEMS

29,554	SF	MSE RETAINING WALLS			
39,630	SF	SOIL NAIL RETAINING WALLS			
12	EA	SOIL NAIL VERIFICATION TESTS			
118	EA	SOIL NAIL PROOF TESTS			
734	LF	GENERIC RETAINING WALL ITEM MOMENT SLAB WITH TL-2 BARRIER RAIL			

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111115 022

CONTRACT ID : C202729 33708.3.1

DIV OFFICE SHELBY

LENGTH = 0.222 MI

COUNTY : CATAWBA

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : NOV 15 2012

BRIDGE OVER I-40 AND APPROACHES ON NC-16.

ROADWAY ITEMS					
			2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			3	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION	1,570	LF	2'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	CONSTRUCTION SURVEYING	830	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (24+46.07-L-)	150	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
100	CY	SHALLOW UNDERCUT	1,537.5	LF	STEEL BM GUARDRAIL
Lump Sum	LS	GRADING	1,537.5	LF	STEEL BM GUARDRAIL, DOUBLE FACED
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	5	EA	ADDITIONAL GUARDRAIL POSTS
250	CY	UNDERCUT EXCAVATION	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
200	TON	CLASS IV SUBGRADE STABILIZATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
540	CY	DRAINAGE DITCH EXCAVATION	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
950	SY	FABRIC FOR SOIL STABILIZATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
143	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2,582	LF	REMOVE EXISTING GUARDRAIL
450	SY	FOUNDATION CONDITIONING FABRIC	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
196	LF	15" SIDE DRAIN PIPE	9	TON	RIP RAP, CLASS B
244	LF	**** RC PIPE CULVERTS, CLASS (18", V)	495	SY	FILTER FABRIC FOR DRAINAGE
84	LF	15" RC PIPE CULVERTS, CLASS III	105	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
204	LF	18" RC PIPE CULVERTS, CLASS IV	3	EA	SIGN ERECTION, TYPE E
392	LF	24" RC PIPE CULVERTS, CLASS IV	4	EA	SIGN ERECTION, TYPE F
92	LF	15" CS PIPE CULVERTS, 0.064" THICK	9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
120	LF	18" CS PIPE CULVERTS, 0.064" THICK	404	SF	WORK ZONE SIGNS (STATIONARY)
16	LF	24" CS PIPE CULVERTS, 0.064" THICK	558	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	157	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	240	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
1,069	LF	PIPE REMOVAL	510	EA	DRUMS
2	EA	PIPE CLEAN-OUT	115	LF	BARRICADES (TYPE III)
100	TON	INCIDENTAL STONE BASE	2	EA	TEMPORARY CRASH CUSHIONS
710	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2	EA	TMIA
2,420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	670	LF	PORTABLE CONCRETE BARRIER
520	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	480	HR	LAW ENFORCEMENT
1,010	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	52	EA	TEMPORARY RAISED PAVEMENT MARKERS
510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	18,452	LF	PAINT PAVEMENT MARKING LINES (6")
600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	4,650	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	4,612	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
280	TON	ASPHALT BINDER FOR PLANT MIX	4,612	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
45	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	93	EA	SNOWFLOWABLE PAVEMENT MARKERS
800	SY	GENERIC PAVING ITEM MILLING CONCRETE PAVEMENT, 0" TO 1-1/2" DEPTH	2,650	LF	TEMPORARY SILT FENCE
56	CY	SUBDRAIN EXCAVATION	270	TON	STONE FOR EROSION CONTROL, CLASS A
42	CY	SUBDRAIN FINE AGGREGATE	290	TON	STONE FOR EROSION CONTROL, CLASS B
250	LF	6" PERFORATED SUBDRAIN PIPE	320	TON	SEDIMENT CONTROL STONE
1	EA	SUBDRAIN PIPE OUTLETS	5	ACR	TEMPORARY MULCHING
6	LF	6" OUTLET PIPE (SUBDRAINS)	200	LB	SEED FOR TEMPORARY SEEDING
1.79	CY	PIPE COLLARS	1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
21	EA	MASONRY DRAINAGE STRUCTURES	500	LF	TEMPORARY SLOPE DRAINS
7.48	LF	MASONRY DRAINAGE STRUCTURES	8	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
2	EA	FRAME WITH TWO GRATES, STD 840.16	1,000	LF	SAFETY FENCE
7	EA	FRAME WITH TWO GRATES, STD 840.22	550	CY	SILT EXCAVATION
			5,500	SY	MATTING FOR EROSION CONTROL
			10	SY	COIR FIBER MAT

800	SY	PERMANENT SOIL REINFORCEMENT MAT
950	LF	1/4" HARDWARE CLOTH
525	LF	WATTLE
140	LB	POLYACRYLAMIDE (PAM)
130	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
6	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
3.75	TON	FERTILIZER TOPDRESSING
30	MHR	SPECIALIZED HAND MOWING
30	EA	RESPONSE FOR EROSION CONTROL

### WALL ITEMS

5,728	SF	MSE RETAINING WALLS
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### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+46.07-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,24+46.07-L-)
3	EA	PDA TESTING
3	EA	PDA ASSISTANCE
10,332	SF	REINFORCED CONCRETE DECK SLAB
7,864	SF	GROOVING BRIDGE FLOORS
229.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+46.07-L-)
33,941	LB	REINFORCING STEEL (BRIDGE)
1,650	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,103.75	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1,850	LF	HP12X53 STEEL PILES
40	EA	PILE REDRIVES
435.385	LF	THREE BAR METAL RAIL
40	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 023

CONTRACT ID : C202858 12CR.10231.10

DIV OFFICE SHELBY

LENGTH = 27.210 MI

COUNTY : CLEVELAND

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 15 2012

US-74 FROM SR-2244 TO GASTON COUNTY LINE AND 17 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,597	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
2,660	TON	INCIDENTAL STONE BASE
54.44	SMI	SHOULDER RECONSTRUCTION
2,500	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(1-1/2")
7,300	SY	MILLING ASPHALT PAVEMENT, ****
		TO ***** DEPTH
		(1-1/2" TO 3")
6,165	SY	INCIDENTAL MILLING
1,537	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
16,227	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
1,634	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B (LEVELING COURSE)
38,034	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C
1,872	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C (LEVELING COURSE)
3,548	TON	ASPHALT BINDER FOR PLANT MIX
8,934	TON	PATCHING EXISTING PAVEMENT
148,000	LF	MILLED RUMBLE STRIPS (ASPHALT
		CEMENT CONCRETE)
5	EA	ADJUSTMENT OF CATCH BASINS
30	EA	ADJUSTMENT OF MANHOLES
16	EA	ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM
		TRAFFIC CONTROL
120	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (4", 90 MILS)
6,700	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (4", 120 MILS)
209,600	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (6", 90 MILS)
23,500	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (6", 120 MILS)
7,000	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (8", 90 MILS)
480	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (16", 120 MILS)
277	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
25	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
556,420	LF	PAINT PAVEMENT MARKING LINE
		(4")
1,575	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111115 024

CONTRACT ID : C202863

12CR.20361.16

DIV OFFICE SHELBY

LENGTH = 10.070 MI

COUNTY : GASTON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 15 2012

21 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
144	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
232	TON	INCIDENTAL STONE BASE
2.17	SMI	SHOULDER RECONSTRUCTION
16,540	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(1-3/4")
55,798	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(3")
11,100	SY	MILLING ASPHALT PAVEMENT, ****
		TO ***** DEPTH
		(0" TO 1-1/2")
800	SY	MILLING ASPHALT PAVEMENT, ****
		TO ***** DEPTH
		(0" TO 3")
10,646	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
644	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B (LEVELING COURSE)
5,780	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
648	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A (LEVELING COURSE)
1,095	TON	ASPHALT BINDER FOR PLANT MIX
3,789	TON	PATCHING EXISTING PAVEMENT
5	EA	GENERIC PAVING ITEM
		CONCRETE CURB RAMPS
2	EA	ADJUSTMENT OF CATCH BASINS
3	EA	ADJUSTMENT OF DROP INLETS
56	EA	ADJUSTMENT OF MANHOLES
23	EA	ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM
		TRAFFIC CONTROL
13,412	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
40,493	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
180	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 90 MILS)
840	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (16", 120 MILS)
476	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
94	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
37,100	LF	PAINT PAVEMENT MARKING LINES
		(4")
765	EA	SNOWPLOWABLE PAVEMENT MARKERS