



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

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 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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ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
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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

SAF Subcontract Approval Form - Form required for approval to sublet the contract.
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

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

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

SAF Subcontract Approval Form - Form required for approval to sublet the contract.
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

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

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. 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

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

UPDATED September 20, 2011

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
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

March 22, 2011

Notice To: All Prequalified Contractors and Subscribers of the Invitation to Bid

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

Subject: *Invitation to Bid*

In an effort to provide the industry with electronic data in a more efficient and effective manner, beginning with the advertisement for the July 19, 2011 letting the Department will no longer mail a hardcopy "*Invitation to Bid*" to prequalified Contractors or subscribers.

The Invitation to Bid will be posted on the Project Letting webpage on the morning of the advertisement day and can be viewed and printed from the following link.

<http://www.ncdot.gov/doh/preconstruct/ps/contracts/letting.html#0>

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

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1501 MAIL SERVICE CENTER
RALEIGH NC 27609-1501

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

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



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
1501 MAIL SERVICE CENTER
RALEIGH NC 27609-1501

TELEPHONE: 919-707-6900
FAX: 919-250-4119
WEBSITE: www.ncdot.org

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

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

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON OCTOBER 18, 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 SEPTEMBER 20, 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.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	John W Rouse	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) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L111018

RPN	Contract Id	WBS	County	Length	JobType
001	C202836	15B.13.19	NEW HANOVER	0.000 MI	BRIDGE PRESERVATION AND NEW CONTROL HOUSE.
002	C202659	33713.3.1	CHOWAN	0.071 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C202661	33764.3.1	HYDE	0.214 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C202657	33557.3.1	NASH	0.284 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
*005	C202662	45123.3.1	NASH, EDGEcombe	0.000 MI	COMPUTERIZED SIGNAL SYSTEM.
006	C202660	33746.3.1	GRANVILLE	0.191 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007	C202580	33822.3.1	WAKE	0.201 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
008	C202597	45222.3.1	HARNETT	1.070 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.
009	C202851	6CR.10091.71	ETC BLADEN, COLUMBUS	57.670 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
010	C202854	6CR.10781.72	ETC ROBESON	43.200 MI	MILLING, RESURFACING, SHOULDER RECONST, AND RUMBLE STRIPS.
011	C202852	7CR.10011.32	ETC ALAMANCE, CASWELL	17.085 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
012	C202850	7CR.20411.35	GUILFORD	3.868 MI	MILLING AND RESURFACING.
013	C202656	33553.2.2	MONTGOMERY	0.208 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
*014	C202663	34504.3.2	MOORE	7.662 MI	GRADING, DRAINAGE, PAVING, CURB & GUTTER, SIGNALS & CULVERT.

* PLEASE NOTE: \$200 FOR LARGE FULL-SIZE PLANS
 \$60 FOR ROADWAY HALF-SIZE PLANS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111018 001

CONTRACT ID : C202836 15B.13.19

DIV OFFICE CASTLE HAYNE

LENGTH = 0.000 MI

COUNTY : NEW HANOVER

BRIDGE PRESERVATION AND NEW CONTROL HOUSE.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : MAR 29 2013

BRIDGE #12 OVER THE INTERCOASTAL WATERWAY ON US-74/76.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	13,615	LB	GENERIC STRUCTURE ITEM
19	CY	UNCLASSIFIED EXCAVATION			REPLACEMENT OF STEEL STRINGERS
136	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
12	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
136	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
272	SF	WORK ZONE SIGNS (STATIONARY)			
264	SF	WORK ZONE SIGNS (PORTABLE)			
24	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
4	EA	CHANGEABLE MESSAGE SIGN			
72	LF	BARRICADES (TYPE III)			
400	HR	FLAGGER			
2	EA	TMIA			
400	HR	LAW ENFORCEMENT			
800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
590	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
34,908	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)			
500	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)			
28	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (I)			
70	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)			
24	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (IV)			
8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)			
495	LF	PAINT PAVEMENT MARKING LINES (4")			
975	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)			
960	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
830	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			
28	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			
2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
72	EA	PERMANENT RAISED PAVEMENT MARKERS			
Lump Sum	LS	GENERIC SIGNAL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM			
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE ELECTRICAL WORK			
Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE			
Lump Sum	LS	GENERIC STRUCTURE ITEM MISCELLANEOUS MECHANICAL WORK			
Lump Sum	LS	GENERIC STRUCTURE ITEM REPLACEMENT OF STEEL CROSS BRACING			
Lump Sum	LS	GENERIC STRUCTURE ITEM REPLACEMENT OF STEEL GRID DECK			
Lump Sum	LS	GENERIC STRUCTURE ITEM WATER & SANITARY FACILITIES			
104	LF	GENERIC STRUCTURE ITEM BASCULE PIER CRACK REPAIRS			
4,400	LB	GENERIC STRUCTURE ITEM ADDITIONAL BALANCING PLATES			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 002

CONTRACT ID : C202659 33713.3.1

DIV OFFICE EDENTON

LENGTH = 0.071 MI

COUNTY : CHOWAN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : SEP 07 2012

BRIDGE OVER QUEEN ANNE CREEK AND APPROACHES ON NC-32.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+24.00)
Lump Sum	LS	GRADING
400	CY	UNDERCUT EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
69	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
2,132	SY	FOUNDATION CONDITIONING FABRIC
16	LF	15" DRAINAGE PIPE
25	TON	INCIDENTAL STONE BASE
770	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
120	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
120	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
260	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
30	TON	ASPHALT BINDER FOR PLANT MIX
15	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
14	LF	SHOULDER BERM GUTTER
625	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	TON	RIP RAP, CLASS B
455	SY	FILTER FABRIC FOR DRAINAGE
386	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	CONES
80	LF	BARRICADES (TYPE III)
640	HR	FLAGGER
747	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
747	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
10	EA	PERMANENT RAISED PAVEMENT MARKERS
638	LF	6" WATER LINE
2	EA	6" VALVE
541	LF	ABANDON 6" UTILITY PIPE
423	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
47	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
180	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
30	TON	STONE FOR EROSION CONTROL, CLASS B
320	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
1,700	LF	SAFETY FENCE
40	CY	SILT EXCAVATION
1,550	SY	MATTING FOR EROSION CONTROL
1,600	LF	1/4" HARDWARE CLOTH
90	SY	FLOATING TURBIDITY CURTAIN
1.5	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
0.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+24.00-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+24.00-L-)
70.7	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+24.00-L-)
9,474	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,035	LF	HP14X73 STEEL PILES
18	EA	PILE REDRIVES
106.02	LF	TWO BAR METAL RAIL
121.43	LF	1'-**X ***** CONCRETE PARAPET (1'-2" X 2'-7 1/2")
Lump Sum	LS	ELASTOMERIC BEARINGS
910.7	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
7,645	SF	GENERIC STRUCTURE ITEM (18" STEEL SHEET PILES)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 003

CONTRACT ID : C202661 33764.3.1

DIV OFFICE EDENTON

LENGTH = 0.214 MI

COUNTY : HYDE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2013

BRIDGE #45 OVER A CANAL AND APPROACHES ON US-264.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+60.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
400	CY	UNDERCUT EXCAVATION
4	EA	EMBANKMENT SETTLEMENT GAUGES
20	CY	DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
699	SF	TEMPORARY SHORING
450	SY	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION
31	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
860	SY	FOUNDATION CONDITIONING FABRIC
32	LF	15" DRAINAGE PIPE
56	LF	18" DRAINAGE PIPE
24	LF	18" SIDE DRAIN PIPE
68	LF	15" RC PIPE CULVERTS, CLASS III
42	LF	PIPE REMOVAL
180	TON	AGGREGATE BASE COURSE
40	TON	INCIDENTAL STONE BASE
1,330	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
830	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
80	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
115	TON	ASPHALT BINDER FOR PLANT MIX
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
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)
3	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
50	LF	SHOULDER BERM GUTTER
75	LF	STEEL BM GUARDRAIL
125	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
512.5	LF	TEMPORARY STEEL BM GUARDRAIL
162.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III MODIFIED)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
5	TON	RIP RAP, CLASS B
714	SY	FILTER FABRIC FOR DRAINAGE
244	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
90	EA	DRUMS
80	LF	BARRICADES (TYPE III)
960	HR	FLAGGER
15	EA	SKINNY DRUM

4	EA	GENERIC TRAFFIC CONTROL ITEM WARNING FLAGS
270	DAY	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM
40	EA	TEMPORARY RAISED PAVEMENT MARKERS
2,565	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,532	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
44	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
15,500	LF	PAINT PAVEMENT MARKING LINES (4")
90	LF	PAINT PAVEMENT MARKING LINES (24")
4,234	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
60	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
16	EA	PERMANENT RAISED PAVEMENT MARKERS
165	LF	4" WATER LINE
97	LF	6" WATER LINE
2	EA	6" VALVE
1	EA	FIRE HYDRANT
235	LF	ABANDON *** UTILITY PIPE (4")
18	LF	ABANDON 6" UTILITY PIPE
1	EA	REMOVE FIRE HYDRANT
2,100	LF	TEMPORARY SILT FENCE
350	TON	STONE FOR EROSION CONTROL, CLASS A
100	TON	STONE FOR EROSION CONTROL, CLASS B
70	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
600	LF	TEMPORARY SLOPE DRAINS
12	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
900	LF	SAFETY FENCE
270	CY	SILT EXCAVATION
1,865	SY	MATTING FOR EROSION CONTROL
300	SY	COIR FIBER MAT
250	LF	1/4" HARDWARE CLOTH
500	SY	FLOATING TURBIDITY CURTAIN
450	LF	WATTLE
50	LB	POLYACRYLAMIDE (PAM)
175	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
3	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
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+60.00 -L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (22+60.00 -L-)
70.8	CY	CLASS AA CONCRETE (BRIDGE)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+60.00 -L-)
10,760	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
560	LF	12" PRESTRESSED CONC PILES
800	LF	16" PRESTRESSED CONC PILES
16	EA	PILE REDRIVES
232.63	LF	ONE BAR METAL RAIL
247.63	LF	1'-**"X ***** CONCRETE PARA- PET (1'-2" X 2'-7 3/4")
225	TON	RIP RAP CLASS II (2'-0" THICK)
251	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,853.44	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 004

CONTRACT ID : C202657 33557.3.1

DIV OFFICE WILSON

LENGTH = 0.284 MI

COUNTY : NASH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2013

BRIDGE OVER TAR RIVER AND APPROACHES ON SR-1544.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+24.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
680	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
3,500	SY	FABRIC FOR SOIL STABILIZATION
60	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
180	SY	FOUNDATION CONDITIONING FABRIC
260	LF	15" SIDE DRAIN PIPE
72	LF	18" SIDE DRAIN PIPE
64	LF	15" RC PIPE CULVERTS, CLASS III
128	LF	15" CS PIPE CULVERTS, 0.064" THICK
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
255	LF	PIPE REMOVAL
1,350	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
172	GAL	PRIME COAT
120	SY	INCIDENTAL MILLING
590	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
400	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,140	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
115	TON	ASPHALT BINDER FOR PLANT MIX
113	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (6")
23	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)
7	EA	MASONRY DRAINAGE STRUCTURES
7	EA	FRAME WITH GRATE, STD 840.29
40	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
935	LF	REMOVE EXISTING GUARDRAIL
400	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (350)
92	LF	CHAIN LINK FENCE, *** FABRIC (48")
8	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (48")
2	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (48")
2	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (48")
1	EA	SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (48", 21', 22')
111	TON	RIP RAP, CLASS B

2,125	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
52	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
14	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
92	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
30	EA	CONES
32	LF	BARRICADES (TYPE III)
3,200	HR	FLAGGER
2,553	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,539	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
25	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
18,000	LF	PAINT PAVEMENT MARKING LINES (4")
5,600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,324	LF	GENERIC PAVEMENT MARKING ITEM COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE II or III (4")
260	EA	PERMANENT RAISED PAVEMENT MARKERS
3,400	LF	TEMPORARY SILT FENCE
310	TON	STONE FOR EROSION CONTROL, CLASS A
1,100	TON	STONE FOR EROSION CONTROL, CLASS B
710	TON	SEDIMENT CONTROL STONE
5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
1.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
480	LF	TEMPORARY SLOPE DRAINS
11	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
600	LF	SAFETY FENCE
1,600	CY	SILT EXCAVATION
3,600	SY	MATTING FOR EROSION CONTROL
50	SY	COIR FIBER MAT
250	SY	PERMANENT SOIL REINFORCEMENT MAT
430	LF	1/4" HARDWARE CLOTH
100	SY	FLOATING TURBIDITY CURTAIN
12	EA	SPECIAL STILLING BASINS
180	LB	POLYACRYLAMIDE (PAM)
400	LF	COIR FIBER BAFFLE
4	EA	*** SKIMMER (1-1/2")
5	ACR	SEEDING & MULCHING
5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
3.5	TON	FERTILIZER TOPDRESSING
15	MHR	SPECIALIZED HAND MOWING
50	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (22+24.50-L-)
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Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (22+24.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+24.50-L-)
57	LF	4'-0" DIA DRILLED PIERS IN SO IL
49	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
17.9	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (22+24.50-L-)
11,413	SF	REINFORCED CONCRETE DECK SLAB
10,812	SF	GROOVING BRIDGE FLOORS
142.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+24.50-L-)
35,787	LB	REINFORCING STEEL (BRIDGE)
5,654	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,302.67	LF	54" PRESTRESSED CONCRETE GIR- DERS
255	LF	HP12X53 STEEL PILES
6	EA	STEEL PILE POINTS
641.67	LF	TWO BAR METAL RAIL
656.67	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
303	TON	RIP RAP CLASS II (2'-0" THICK)
336	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM INSTALL 6" STEEL NATURAL GAS PIPELINE
1	EA	GENERIC STRUCTURE ITEM CSL TESTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 005

CONTRACT ID : C202662 45123.3.1

DIV OFFICE WILSON

LENGTH = 0.000 MI

COUNTY : NASH, EDGEcombe

COMPUTERIZED SIGNAL SYSTEM.

DBE GOAL 0.0% COMPLETION DATE : APR 01 2014

ROCKY MOUNT.

ROADWAY ITEMS

			1	EA	FURNISH OPTICAL LIGHT GENERATOR
			84	EA	NEW ELECTRICAL SERVICE
			5	EA	CABLE TRANSFER
			4	EA	SIGNAL PEDESTAL WITH FOUNDATION
			1	EA	SIGN FOR SIGNALS
			14	EA	SIGNAL CABINET FOUNDATION
			9	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
			75	EA	MODIFY FOUNDATION FOR CONTROLLER CABINET
			640	EA	DETECTOR CARD (*****)(MODEL 222)
			85	EA	CABINET BASE EXTENDER
			4	EA	CABINET BASE ADAPTER
			24	EA	GENERIC SIGNAL ITEM 1" RISER WITH HEAT SHRINK TUBING
			2	EA	GENERIC SIGNAL ITEM 900MHZ ETHERNET RADIO
			32	EA	GENERIC SIGNAL ITEM AUXILIARY OUTPUT FILE
			5	EA	GENERIC SIGNAL ITEM CCTV CABINET (BASE MOUNT)
			13	EA	GENERIC SIGNAL ITEM CCTV CABINET (POLE MOUNT)
			20	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
			1	EA	GENERIC SIGNAL ITEM CCTV TEST CABINET
			10	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE (50')
			3	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE (75')
			2	EA	GENERIC SIGNAL ITEM COMPUTER WORKSTATION
			90	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (2070L, 332, BASE MOUNTED)
			10	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (2070L, 336, BASE MOUNTED)
			22	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (2070L, 336, POLE MOUNTED)
			20	EA	GENERIC SIGNAL ITEM DIGITAL HARDWARE VIDEO ENCODER
			1	EA	GENERIC SIGNAL ITEM DIGITAL SOFTWARE VIDEO DECODER
			10	EA	GENERIC SIGNAL ITEM ELECTRICAL SERVICE AND CABINET FOUNDATION FOR DOWNTOWN SIGNAL
			2	EA	GENERIC SIGNAL ITEM ENCLOSED COMMUNICATIONS RACK (FULL SIZE)
			1	EA	GENERIC SIGNAL ITEM ENCLOSED COMMUNICATIONS RACK (HALF SIZE)
			154	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
			2	EA	GENERIC SIGNAL ITEM FIRE STATION VIDEO DISPLAY MONITOR
			1	EA	GENERIC SIGNAL ITEM FIREWALL
			6	EA	GENERIC SIGNAL ITEM FURNISH 2010 ENHANCED CONFLICT MONITOR
			6	EA	GENERIC SIGNAL ITEM FURNISH 2070L CONTROLLER
			5	EA	GENERIC SIGNAL ITEM FURNISH 332 CABINET
			2	EA	GENERIC SIGNAL ITEM FURNISH 336S CABINET
			1	EA	GENERIC SIGNAL ITEM FURNISH 900MHZ ETHERNET RADIO
			1	EA	GENERIC SIGNAL ITEM FURNISH CCTV CABINET (BASE MOUNT)
Lump Sum	LS	MOBILIZATION			
40	SY	4" CONCRETE SIDEWALK			
20	SF	GENERIC PAVING ITEM BRICK PAVERS			
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)			
375	HR	FLAGGER			
1	EA	TMIA			
640	HR	LAW ENFORCEMENT			
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
52	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
3	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
66	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/COUNTDOWN)			
16,340	LF	SIGNAL CABLE			
95	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
50	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
5	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD			
60,555	LF	MESSENGER CABLE (1/4")			
1,330	LF	MESSENGER CABLE (3/8")			
34,865	LF	TRACER WIRE			
1,580	LF	DIRECTIONAL DRILL (***** (1, 2")			
690	LF	DIRECTIONAL DRILL (***** (1, 5")			
10,200	LF	DIRECTIONAL DRILL (***** (2, 2")			
13	EA	JUNCTION BOX (***** (SPECIAL-SIZED, HEAVY-DUTY)			
61	EA	JUNCTION BOX (STANDARD SIZE)			
101	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)			
4	EA	WOOD POLE			
129	EA	GUY ASSEMBLY			
4	EA	1" RISER WITH WEATHERHEAD			
142	EA	2" RISER WITH WEATHERHEAD			
76	EA	HEAT SHRINK TUBING RETROFIT KIT			
80	EA	2" RISER WITH HEAT SHRINK TUBING			
5,510	LF	INDUCTIVE LOOP SAWCUT			
206,860	LF	COMMUNICATIONS CABLE (**FIBER) (24)			
22,290	LF	COMMUNICATIONS CABLE (**FIBER) (36)			
7,730	LF	COMMUNICATIONS CABLE (**FIBER) (48)			
120	EA	SPLICE ENCLOSURE			
142	EA	INTERCONNECT CENTER			
24	EA	DELINEATOR MARKER			
1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT			
1	EA	FURNISH FIBER-OPTIC POWER ME- TER			

			Lump Sum	LS	GENERIC SIGNAL ITEM TMC/CITY HALL MODIFICATIONS
			Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV CABINET (POLE MOUNT)	42,230	LF	GENERIC SIGNAL ITEM DROP CABLE (6-FIBER)
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV CAMERA ASSEMBLY	1,585	LF	GENERIC SIGNAL ITEM ETHERNET CABLE
1	EA	GENERIC SIGNAL ITEM FURNISH CONFLICT MONITOR TESTER	41,370	LF	GENERIC SIGNAL ITEM LEAD-IN CABLE
32	EA	GENERIC SIGNAL ITEM FURNISH DETECTOR CARD (MODEL 222)	665	LF	GENERIC SIGNAL ITEM PLENUM-RATED COMMUNICATIONS CABLE (48-FIBER)
3	EA	GENERIC SIGNAL ITEM FURNISH DIGITAL HARDWARE VIDEO ENCODER	19,915	LF	GENERIC SIGNAL ITEM REMOVE EXISTING COMMUNICATIONS CABLE (FIBER-OPTIC)
8	EA	GENERIC SIGNAL ITEM FURNISH ETHERNET EDGE SWITCH	100	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1)(1")
1	EA	GENERIC SIGNAL ITEM FURNISH SPARE CABLE AND CONNECTORS KIT	6,185	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1)(2")
1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO MONITOR	12,570	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (2)(2")
1	EA	GENERIC SIGNAL ITEM FURNISH VISUAL FAULT LOCATOR			
1	EA	GENERIC SIGNAL ITEM GIGABIT ETHERNET CORE SWITCH			
8	EA	GENERIC SIGNAL ITEM GUY ASSEMBLY (AERIAL)			
16	EA	GENERIC SIGNAL ITEM GUY ASSEMBLY (SIDEWALK)			
16	EA	GENERIC SIGNAL ITEM INSTALL CONFLICT MONITOR IN EXISTING CABINET			
4	EA	GENERIC SIGNAL ITEM ITS SERVER			
1	EA	GENERIC SIGNAL ITEM KVM SWITCH			
5	EA	GENERIC SIGNAL ITEM LAPTOP COMPUTER			
2	EA	GENERIC SIGNAL ITEM MANAGED ETHERNET SWITCH			
7	EA	GENERIC SIGNAL ITEM MODIFY EXISTING SPLICE			
1	EA	GENERIC SIGNAL ITEM NETWORK VIDEO RECORDER			
1	EA	GENERIC SIGNAL ITEM PRINTER			
6	EA	GENERIC SIGNAL ITEM REMOVE SPLICE/HUB CABINET			
2	EA	GENERIC SIGNAL ITEM REMOVE SPLICE/HUB CABINET FOUNDATION			
2	EA	GENERIC SIGNAL ITEM SIGNAL SHOP VIDEO DISPLAY MONITOR			
4	EA	GENERIC SIGNAL ITEM SPECIAL COATING (BASE EXTENDER/ADAPTER)			
4	EA	GENERIC SIGNAL ITEM SPECIAL COATING (332 CABINET)			
2	EA	GENERIC SIGNAL ITEM SPECIAL COATING (336 CABINET)			
6	EA	GENERIC SIGNAL ITEM TERMINAL SPLICE CABINET			
1	EA	GENERIC SIGNAL ITEM TEST CONTROLLER (2070L)			
1	EA	GENERIC SIGNAL ITEM TEST CONTROLLER WITH CABINET (2070L, 332)			
1	EA	GENERIC SIGNAL ITEM TEST CONTROLLER WITH CABINET (2070L, 336)			
6	EA	GENERIC SIGNAL ITEM TMC VIDEO DISPLAY MONITOR			
3	EA	GENERIC SIGNAL ITEM UPS			
1	EA	GENERIC SIGNAL ITEM WALL-MOUNTED COMMUNICATIONS RACK			
Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SOFTWARE			
Lump Sum	LS	GENERIC SIGNAL ITEM HEADQUARTERS FIRE STATION MODIFICATIONS			
Lump Sum	LS	GENERIC SIGNAL ITEM NETWORK MANAGEMENT SOFTWARE			
Lump Sum	LS	GENERIC SIGNAL ITEM REGIONAL ITS GRAPHICAL INTERFACE SOFTWARE			
Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SHOP MODIFICATIONS			
Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SYSTEM SOFTWARE			
Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM SUPPORT SOFTWARE AND DEVICES			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 006

CONTRACT ID : C202660 33746.3.1

DIV OFFICE DURHAM

LENGTH = 0.191 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER TAR RIVER AND APPROACHES ON SR-1150.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (18+16.70-L-)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
450	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
3,830	CY	BORROW EXCAVATION
530	CY	DRAINAGE DITCH EXCAVATION
450	CY	SELECT GRANULAR MATERIAL
650	SY	FABRIC FOR SOIL STABILIZATION
90	SY	ROCK PLATING
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	SY	FOUNDATION CONDITIONING FABRIC
72	LF	15" DRAINAGE PIPE
36	LF	15" CS PIPE CULVERTS, 0.064" THICK
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
50	LF	GENERIC PIPE ITEM 4" PVC PIPE
80	TON	INCIDENTAL STONE BASE
585	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
545	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
65	TON	ASPHALT BINDER FOR PLANT MIX
8	EA	RIGHT OF WAY MARKERS
16.8	CY	SUBDRAIN EXCAVATION
12.6	CY	SUBDRAIN FINE AGGREGATE
75	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
4	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
40	LF	SHOULDER BERM GUTTER
425	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
760	LF	REMOVE EXISTING GUARDRAIL
230	TON	RIP RAP, CLASS II
360	TON	RIP RAP, CLASS B
2,255	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
61	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
278	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
112	LF	BARRICADES (TYPE III)
8,080	LF	PAINT PAVEMENT MARKING LINES (4")
1,450	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
450	TON	STONE FOR EROSION CONTROL, CLASS B
490	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
2.5	TON	FERTILIZER FOR TEMPORARY SEEDING
250	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS

700	LF	SAFETY FENCE
700	CY	SILT EXCAVATION
8,600	SY	MATTING FOR EROSION CONTROL
500	SY	COIR FIBER MAT
520	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
110	LB	POLYACRYLAMIDE (PAM)
300	LF	COIR FIBER BAFFLE
5	EA	*** SKIMMER (1-1/2")
2.5	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
1.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
60	SY	GENERIC EROSION CONTROL ITEM LIVE STAKING

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (18+16.70-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+16.70-L-)
51	LF	3'-6" DIA DRILLED PIERS IN SOIL
43	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
57.8	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+16.70-L-)
93.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+16.70-L-)
21,583	LB	REINFORCING STEEL (BRIDGE)
4,528	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
250	LF	HP12X53 STEEL PILES
5	EA	STEEL PILE POINTS
440.5	LF	TWO BAR METAL RAIL
455.5	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-7 3/4")
1,306	TON	RIP RAP CLASS II (2'-0" THICK)
1,455	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,502.5	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS
1	EA	GENERIC STRUCTURE ITEM CSL TESTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 007

CONTRACT ID : C202580 33822.3.1

DIV OFFICE DURHAM

LENGTH = 0.201 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : JUN 01 2013

BRIDGE OVER NEUSE RIVER AND APPROACHES ON SR-2000.

ROADWAY ITEMS				
			752	LF REMOVE EXISTING GUARDRAIL
			7	TON RIP RAP, CLASS I
			10	TON RIP RAP, CLASS II
			41	TON RIP RAP, CLASS B
Lump Sum	LS	MOBILIZATION	2,410	SY FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	CONSTRUCTION SURVEYING	250	LF SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM	4	EA SIGN ERECTION, TYPE D
		TIMBER STEPS	6	EA SIGN ERECTION, TYPE E
274	LF	GENERIC MISCELLANEOUS ITEM	1	EA SIGN ERECTION, RELOCATE, TYPE
		48" SAFETY RAIL		**** (GROUND MOUNTED)
60	LF	GENERIC MISCELLANEOUS ITEM	19	EA DISPOSAL OF SIGN SYSTEM, U-
		BOARDWALK		CHANNEL
330	LF	GENERIC MISCELLANEOUS ITEM	1	EA DISPOSAL OF SUPPORT, U-CHANNEL
		BOARDWALK POSTS 7-1/2" MIN TIP	516	SF WORK ZONE SIGNS (STATIONARY)
		DIAMETER	112	SF WORK ZONE SIGNS (PORTABLE)
2	EA	GENERIC MISCELLANEOUS ITEM	214	SF WORK ZONE SIGNS (BARRICADE
		CONCRETE APPROACH TO BOARDWALK		MOUNTED)
3	EA	GENERIC MISCELLANEOUS ITEM	28	DAY CHANGEABLE MESSAGE SIGN (SHORT
		HINGED BOLLARD		TERM)
20	EA	GENERIC MISCELLANEOUS ITEM	50	EA DRUMS
		WOOD BOLLARD	200	LF BARRICADES (TYPE III)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	48	HR FLAGGER
		FILL, STATION *****	1,126	LF THERMOPLASTIC PAVEMENT MARKING
		(26+60.00)		LINES (4", 90 MILS)
Lump Sum	LS	GRADING	1,342	LF THERMOPLASTIC PAVEMENT MARKING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-		LINES (4", 120 MILS)
		BING	29	LF THERMOPLASTIC PAVEMENT MARKING
200	CY	UNDERCUT EXCAVATION		LINES (24", 120 MILS)
30	CY	DRAINAGE DITCH EXCAVATION	4,481	LF PAINT PAVEMENT MARKING LINES
200	CY	SELECT GRANULAR MATERIAL		(4")
1,400	SY	FABRIC FOR SOIL STABILIZATION	29	LF PAINT PAVEMENT MARKING LINES
70	TON	FOUNDATION CONDITIONING MATE-		(24")
		RIAL, MINOR STRS	1,920	LF GENERIC PAVEMENT MARKING ITEM
160	SY	FOUNDATION CONDITIONING FABRIC		COLD APPLIED PLASTIC PAVEMENT
152	LF	15" DRAINAGE PIPE		MARKING LINES, TYPE II OR III
24	LF	30" DRAINAGE PIPE		(4")
2	EA	*** DRAINAGE PIPE ELBOWS	14	EA PERMANENT RAISED PAVEMENT
		(15")		MARKERS
56	LF	15" RC PIPE CULVERTS, CLASS	66	LF 12" WATER LINE
		III	110	LF 8" SANITARY GRAVITY SEWER
96	LF	15" RC PIPE CULVERTS, CLASS IV	2	EA 4' DIA UTILITY MANHOLE
48	LF	18" RC PIPE CULVERTS, CLASS IV	1	LF UTILITY MANHOLE WALL, 4' DIA
76	LF	30" RC PIPE CULVERTS, CLASS IV	70	LF ABANDON 8" UTILITY PIPE
178	LF	PIPE REMOVAL	600	LF ABANDON 12" UTILITY PIPE
407	TON	AGGREGATE BASE COURSE	20	TON GENERIC UTILITY ITEM
1,000	TON	INCIDENTAL STONE BASE		BEDDING MATERIAL, UTILITIES
210	SY	INCIDENTAL MILLING	2,850	LF TEMPORARY SILT FENCE
690	TON	ASPHALT CONC BASE COURSE, TYPE	385	TON STONE FOR EROSION CONTROL,
		B25.0B		CLASS A
370	TON	ASPHALT CONC INTERMEDIATE	80	TON STONE FOR EROSION CONTROL,
		COURSE, TYPE I19.0B		CLASS B
600	TON	ASPHALT CONC SURFACE COURSE,	685	TON SEDIMENT CONTROL STONE
		TYPE S9.5B	2	ACR TEMPORARY MULCHING
85	TON	ASPHALT BINDER FOR PLANT MIX	100	LB SEED FOR TEMPORARY SEEDING
13	EA	RIGHT OF WAY MARKERS	0.25	TON FERTILIZER FOR TEMPORARY SEED-
8	EA	MASONRY DRAINAGE STRUCTURES		ING
2.8	LF	MASONRY DRAINAGE STRUCTURES	200	LF TEMPORARY SLOPE DRAINS
1	EA	FRAME WITH TWO GRATES, STD	4	EA INLET PROTECTION AT TEMPORARY
		840.24		SLOPE DRAINS
6	EA	FRAME WITH TWO GRATES, STD	500	LF SAFETY FENCE
		840.29	70	CY SILT EXCAVATION
1	EA	FRAME WITH GRATE & HOOD, STD	7,750	SY MATTING FOR EROSION CONTROL
		840.03, TYPE **	950	SY COIR FIBER MAT
		(E)	300	SY PERMANENT SOIL REINFORCEMENT
75	LF	2'-6" CONCRETE CURB & GUTTER		MAT
190	LF	SHOULDER BERM GUTTER	555	LF 1/4" HARDWARE CLOTH
90	SY	4" CONCRETE SIDEWALK	900	SY FLOATING TURBIDITY CURTAIN
287.5	LF	STEEL BM GUARDRAIL	24	EA SPECIAL STILLING BASINS
12.5	LF	STEEL BM GUARDRAIL, SHOP	300	LF WATTLE
		CURVED	80	LB POLYACRYLAMIDE (PAM)
3	EA	ADDITIONAL GUARDRAIL POSTS	10	LF COIR FIBER BAFFLE
1	EA	GUARDRAIL ANCHOR UNITS, TYPE	2	ACR SEEDING & MULCHING
		*****	2	ACR MOWING
		(III, SHOP CURVED)	50	LB SEED FOR REPAIR SEEDING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE	0.25	TON FERTILIZER FOR REPAIR SEEDING
		AT-1	50	LB SEED FOR SUPPLEMENTAL SEEDING
3	EA	GUARDRAIL ANCHOR UNITS, TYPE	1.25	TON FERTILIZER TOPDRESSING
		III		
1	EA	GUARDRAIL ANCHOR UNITS, TYPE		
		350		

10 MHR SPECIALIZED HAND MOWING
 25 EA RESPONSE FOR EROSION CONTROL
 0.1 ACR REFORESTATION

WALL ITEMS

900 SF MSE RETAINING WALLS
 (10+00.00 -WALL1-)
 900 SF MSE RETAINING WALLS
 (10+00.00 -WALL3-)
 250 SF SEGMENTAL GRAVITY RETAINING
 WALLS
 (10+00.00 -WALL2-)

STRUCTURE ITEMS

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

 (26+60.00 -L-)
 Lump Sum LS REMOVAL OF EXISTING STRUCTURE
 AT STATION *****
 (26+60.00 -L-)
 45 LF PILE EXCAVATION NOT IN SOIL
 83.7 LF 3'-6" DIA DRILLED PIERS IN
 SOIL
 88.8 LF 3'-6" DIA DRILLED PIERS NOT IN
 SOIL
 89 LF PERMANENT STEEL CASING FOR
 3'-6" DIA DRILLED PIER
 1 EA SID INSPECTION
 Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-
 TION AT STATION *****
 (26+60.00 -L-)
 23,107 SF REINFORCED CONCRETE DECK SLAB
 16,550 SF GROOVING BRIDGE FLOORS
 211.6 CY CLASS A CONCRETE (BRIDGE)
 Lump Sum LS BRIDGE APPROACH SLABS, STATION

 (26+60.00 -L-)
 51,147 LB REINFORCING STEEL (BRIDGE)
 5,811 LB SPIRAL COLUMN REINFORCING
 STEEL (BRIDGE)
 2,849.72 LF 54" PRESTRESSED CONCRETE GIR-
 DERS
 300 LF HP12X53 STEEL PILES
 942.56 LF TWO BAR METAL RAIL
 533.2 LF VERTICAL CONCRETE BARRIER RAIL
 957.81 LF 1'-***X ***** CONCRETE PARA-
 PET
 (1'-2" X 2'-6")
 19 SY 4" SLOPE PROTECTION
 140 TON RIP RAP CLASS II (2'-0" THICK)
 155 SY FILTER FABRIC FOR DRAINAGE
 Lump Sum LS ELASTOMERIC BEARINGS
 Lump Sum LS EVAZOTE JOINT SEALS
 Lump Sum LS GENERIC STRUCTURE ITEM
 INSTALL 12" DIRJ WATER MAIN
 1 EA GENERIC STRUCTURE ITEM
 CSL TESTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 008

CONTRACT ID : C202597 45222.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 1.070 MI

COUNTY : HARNETT

GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.

DBE GOAL 9.0% COMPLETION DATE : JUN 15 2013

US-401 FROM NC-210 TO NORTH OF SR-1436 (MATTHEWS RD) IN LILLINGTON.

ROADWAY ITEMS					
			15	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
			2,410	LF	1'-6" CONCRETE CURB & GUTTER
			10,650	LF	2'-6" CONCRETE CURB & GUTTER
			5,030	SY	4" CONCRETE SIDEWALK
			50	SY	6" CONCRETE DRIVEWAY
			2,040	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			210	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			60	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS
			762.5	LF	STEEL BM GUARDRAIL
			115	LF	STEEL BM GUARDRAIL, SHOP CURVED
			10	EA	ADDITIONAL GUARDRAIL POSTS
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			7	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			190	LF	TEMPORARY STEEL BM GUARDRAIL
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (CAT-1)
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			140	TON	RIP RAP, CLASS I
			90	TON	RIP RAP, CLASS B
			755	SY	FILTER FABRIC FOR DRAINAGE
			2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			2	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			34	CY	OVERHEAD FOOTING
			1,463	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			818	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			48	LF	SUPPORTS, WOOD
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (55+13 -L-)
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (63+11 -L-)
			13	EA	SIGN ERECTION, TYPE D
			64	EA	SIGN ERECTION, TYPE E
			5	EA	SIGN ERECTION, TYPE F
			3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
			61	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			270	SF	WORK ZONE SIGNS (STATIONARY)
			368	SF	WORK ZONE SIGNS (PORTABLE)
			220	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	CHANGEABLE MESSAGE SIGN
			25	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
			350	EA	DRUMS
			420	LF	BARRICADES (TYPE III)
			300	MD	FLAGGER
			8	EA	TEMPORARY CRASH CUSHIONS
			1,600	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
			80	HR	LAW ENFORCEMENT
			350	EA	TEMPORARY RAISED PAVEMENT MARKERS
			13,636	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			13,361	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			4,130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			2,773	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
3,300	CY	UNCLASSIFIED EXCAVATION			
650	CY	UNDERCUT EXCAVATION			
300	CY	SHALLOW UNDERCUT			
600	TON	CLASS IV SUBGRADE STABILIZATION			
40,000	CY	BORROW EXCAVATION			
2,140	CY	DRAINAGE DITCH EXCAVATION			
550	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
2,100	SY	BREAKING OF EXISTING ASPHALT PAVEMENT			
300	CY	SELECT GRANULAR MATERIAL			
1,400	SY	FABRIC FOR SOIL STABILIZATION			
784	SF	TEMPORARY SHORING			
970	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
2,740	SY	FOUNDATION CONDITIONING FABRIC			
3,874	LF	15" DRAINAGE PIPE			
1,545	LF	18" DRAINAGE PIPE			
451	LF	24" DRAINAGE PIPE			
593	LF	30" DRAINAGE PIPE			
47	LF	36" DRAINAGE PIPE			
74	LF	42" DRAINAGE PIPE			
968	LF	15" RC PIPE CULVERTS, CLASS IV			
327	LF	18" RC PIPE CULVERTS, CLASS IV			
416	LF	24" RC PIPE CULVERTS, CLASS IV			
96	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (42", 0.625", B)			
1,048	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
500	TON	STABILIZER AGGREGATE			
85	TON	AGGREGATE BASE COURSE			
16,330	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
780	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1 1/2" DEPTH)			
10,860	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
10,290	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
9,740	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
1,550	TON	ASPHALT BINDER FOR PLANT MIX			
219	SY	GENERIC PAVING ITEM 9" PORTLAND CEMENT CONCRETE PAVEMENT			
130	CY	SUBDRAIN EXCAVATION			
100	CY	SUBDRAIN FINE AGGREGATE			
550	LF	6" PERFORATED SUBDRAIN PIPE			
2	EA	SUBDRAIN PIPE OUTLETS			
20	LF	6" OUTLET PIPE (SUBDRAINS)			
0.63	CY	PIPE PLUGS			
54	CY	FLOWABLE FILL			
93	EA	MASONRY DRAINAGE STRUCTURES			
33	LF	MASONRY DRAINAGE STRUCTURES			
24	EA	FRAME WITH TWO GRATES, STD 840.16			
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
28	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
30	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
4	EA	FRAME WITH COVER, STD 840.54			
1	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN			

47	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
945	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
122	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
300	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
106,000	LF	PAINT PAVEMENT MARKING LINES (4")
3,350	LF	PAINT PAVEMENT MARKING LINES (8")
1,750	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARACTER
250	EA	PAINT PAVEMENT MARKING SYMBOL
3,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
30	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
598	EA	PERMANENT RAISED PAVEMENT MARKERS
1,717	LF	12" WATER LINE
5	EA	12" VALVE
1	EA	2" BLOW OFF
1	EA	RELOCATE WATER METER
2	EA	RELOCATE FIRE HYDRANT
1,505	LF	ABANDON 12" UTILITY PIPE
1	EA	GENERIC UTILITY ITEM BREAKDOWN AND REBUILD MANHOLE
11,640	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
715	TON	STONE FOR EROSION CONTROL, CLASS B
1,525	TON	SEDIMENT CONTROL STONE
20	ACR	TEMPORARY MULCHING
600	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
3,500	CY	SILT EXCAVATION
33,400	SY	MATTING FOR EROSION CONTROL
110	SY	COIR FIBER MAT
40	SY	PERMANENT SOIL REINFORCEMENT MAT
6,200	LF	1/4" HARDWARE CLOTH
100	CY	STILLING BASINS
4	EA	SPECIAL STILLING BASINS
700	LF	COIR FIBER BAFFLE
7	EA	*** SKIMMER (1-1/2")
2	EA	*** SKIMMER (2")
17	ACR	SEEDING & MULCHING
13	ACR	MOWING
220	LB	SEED FOR REPAIR SEEDING
0.3	TON	FERTILIZER FOR REPAIR SEEDING
330	LB	SEED FOR SUPPLEMENTAL SEEDING
10	TON	FERTILIZER TOPDRESSING
74	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
100	EA	RESPONSE FOR EROSION CONTROL
20	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION) (WITH COUNTDOWN)
10,903	LF	SIGNAL CABLE
46	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
5	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
5	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2,415	LF	MESSENGER CABLE (3/8")
65	LF	PAVED TRENCHING (***** (1, 2")
814	LF	UNPAVED TRENCHING (***** (1, 2")
45	LF	UNPAVED TRENCHING (***** (2, 2")
21	EA	JUNCTION BOX (STANDARD SIZE)
6	EA	WOOD POLE

12	EA	GUY ASSEMBLY
2	EA	1" RISER WITH WEATHERHEAD
7	EA	2" RISER WITH WEATHERHEAD
6,431	LF	INDUCTIVE LOOP SAWCUT
16,393	LF	LEAD-IN CABLE (***** (14-2)
1	EA	SITE SURVEY
2	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
1	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
3	EA	RELOCATE CAMERA SENSOR UNIT
3	EA	900MHZ WIRELESS RADIO SYSTEM
10	EA	METAL STRAIN SIGNAL POLE
10	EA	SOIL TEST
70	CY	DRILLED PIER FOUNDATION
2	EA	SIGNAL PEDESTAL WITH FOUNDATION
10	EA	SIGN FOR SIGNALS
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
26	EA	DETECTOR CARD (TYPE 2070L)
3	EA	CABINET BASE EXTENDER
2	EA	METAL POLE FOUNDATION REMOVAL
2	EA	METAL POLE REMOVAL
19	EA	GENERIC SIGNAL ITEM PUSH BUTTON POST

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+65.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (31+64.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (21+65.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (31+64.00-L-)
Lump Sum	LS	GENERIC CULVERT ITEM ALUMINUM BOX CULVERT @ STA 21+65.00-L-
Lump Sum	LS	GENERIC CULVERT ITEM ALUMINUM BOX CULVERT @ STA 31+64.00-L-
1,613	TON	GENERIC CULVERT ITEM CULVERT BACKFILL
540	TON	GENERIC CULVERT ITEM FOUNDATION MATERIAL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111018 009

CONTRACT ID : C202851 6CR.10091.71

DIV OFFICE FAYETTEVILLE

LENGTH = 57.670 MI

COUNTY : BLADEN, COLUMBUS

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : OCT 31 2012

US-701 FROM BEGINNING OF DIVIDED HWY TO SAMPSON CO, US-76 FROM NC-904 TO SR-1574, AND 34 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,326	TON	INCIDENTAL STONE BASE
104.58	SMI	SHOULDER RECONSTRUCTION
175,964	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
6,547	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
8,917	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
5,100	SY	INCIDENTAL MILLING
5,798	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
38,092	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
27,914	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,288	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
4,635	TON	ASPHALT BINDER FOR PLANT MIX
1,744	TON	PATCHING EXISTING PAVEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
357,950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
239,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,580	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
115	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
49	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
142	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
948,515	LF	PAINT PAVEMENT MARKING LINES (4")
2,905	EA	PERMANENT RAISED PAVEMENT MARKERS
2,286	LF	TEMPORARY SILT FENCE
1,693	SY	MATTING FOR EROSION CONTROL
1,097	LF	WATTLE
48	LB	POLYACRYLAMIDE (PAM)
121.65	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111018 010

CONTRACT ID : C202854

6CR.10781.72

DIV OFFICE FAYETTEVILLE

LENGTH = 43.200 MI

COUNTY : ROBESON

MILLING, RESURFACING, SHOULDER RECONST, AND RUMBLE STRIPS.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 31 2012

VARIOUS SECTIONS: I-74, US-74 BUS & ALT, US-301, NC-83, 71, 711, 211, & 130 BUS AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS				
			1,000	LF UNPAVED TRENCHING (*****) (1, 2")
			10	EA JUNCTION BOX (STANDARD SIZE)
			10	EA JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
			10	EA 2" RISER WITH WEATHERHEAD
			7,905	LF INDUCTIVE LOOP SAWCUT
			1,000	LF LEAD-IN CABLE (*****) (14-2)
Lump Sum	LS	MOBILIZATION		
1,218	CY	BORROW EXCAVATION		
844	TON	INCIDENTAL STONE BASE		
82.82	SMI	SHOULDER RECONSTRUCTION		
57,752	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		
1,197	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5")		
36,691	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")		
5,515	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/4")		
320	SY	INCIDENTAL MILLING		
350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
2,946	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B		
33,868	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
436	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)		
10,596	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		
15,701	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A		
3,896	TON	ASPHALT BINDER FOR PLANT MIX		
34,320	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)		
1	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS		
98	EA	ADJUSTMENT OF MANHOLES		
37	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL		
302,250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)		
278,835	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)		
3,205	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)		
4,265	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)		
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)		
1,480	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)		
240	LF	THERMOPLASTIC RUMBLE STRIP (4" 240 MILS)		
82	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)		
135	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)		
615,585	LF	PAINT PAVEMENT MARKING LINES (4")		
710	LF	PAINT PAVEMENT MARKING LINES (8")		
250	LF	PAINT PAVEMENT MARKING LINES (16")		
175	LF	PAINT PAVEMENT MARKING LINES (24")		
14	EA	PAINT PAVEMENT MARKING CHARAC- TER		
3,842	EA	PERMANENT RAISED PAVEMENT MARKERS		
6,051	LF	TEMPORARY SILT FENCE		
30	ACR	TEMPORARY MULCHING		
1,633	SY	MATTING FOR EROSION CONTROL		
2,939	LF	WATTLE		
123	LB	POLYACRYLAMIDE (PAM)		
102	ACR	SEEDING & MULCHING		
100	LF	PAVED TRENCHING (*****) (1, 2")		

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111018 011

CONTRACT ID : C202852 7CR.10011.32

DIV OFFICE GREENSBORO

LENGTH = 17.085 MI

COUNTY : ALAMANCE, CASWELL

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 21 2012

1 SECTION OF US-70, 1 SECTIONS OF NC-62, 2 SECTION OF NC-87, 1 SECTION OF NC-87/100 AND 1 SECTION OF SECONDARY ROAD.

		ROADWAY ITEMS			
				34	EA 2" RISER WITH WEATHERHEAD
				16,030	LF INDUCTIVE LOOP SAWCUT
				810	LF LEAD-IN CABLE (*****) (14-2)
Lump Sum	LS	MOBILIZATION			
60	CY	BORROW EXCAVATION			
1,006	TON	INCIDENTAL STONE BASE			
18.11	SMI	SHOULDER RECONSTRUCTION			
57,346	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
3,084	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")			
3,126	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
22,718	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")			
2,989	SY	INCIDENTAL MILLING			
11,208	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
535	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
20,101	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
9,690	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
2,376	TON	ASPHALT BINDER FOR PLANT MIX			
75,109	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE			
169,423	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE			
64	EA	GENERIC PAVING ITEM RETROFIT EXISTING CURB RAMPS			
135	EA	ADJUSTMENT OF MANHOLES			
101	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL			
97,090	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
146,454	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)			
488	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
596	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
459	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
50	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
1,749	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
34	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
285	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
161,438	LF	PAINT PAVEMENT MARKING LINES (4")			
396	LF	PAINT PAVEMENT MARKING LINES (8")			
50	LF	PAINT PAVEMENT MARKING LINES (16")			
766	LF	PAINT PAVEMENT MARKING LINES (24")			
18	EA	PAINT PAVEMENT MARKING CHARAC- TER			
85	EA	PAINT PAVEMENT MARKING SYMBOL			
150	EA	PERMANENT RAISED PAVEMENT MARKERS			
1,890	EA	SNOWPLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
3.29	ACR	SEEDING & MULCHING			
3.29	ACR	RESIDENTIAL SEEDING			
310	LF	UNPAVED TRENCHING (*****) (1, 2")			
42	EA	JUNCTION BOX (STANDARD SIZE)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L111018 012

CONTRACT ID : C202850 7CR.20411.35

DIV OFFICE GREENSBORO

LENGTH = 3.868 MI

COUNTY : GUILFORD

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : JUL 27 2012

1 SECTION OF SECONDARY ROAD.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
563	TON	GENERIC GRADING ITEM INCIDENTAL STONE BASE
137,324	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
34,040	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
3,095	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (1-1/2" TO 3")
3,444	SY	INCIDENTAL MILLING
19,636	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
19,606	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,116	TON	ASPHALT BINDER FOR PLANT MIX
34,836	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
100	TON	GENERIC PAVING ITEM 3" PATCHING OF EXISTING PAVE- MENT
260	TON	GENERIC PAVING ITEM 8" PATCHING OF EXISTING PAVE- MENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
105,325	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
13,674	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
13,915	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
54	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
95,871	LF	PAINT PAVEMENT MARKING LINES (4")
13,085	LF	PAINT PAVEMENT MARKING LINES (8")
34	LF	PAINT PAVEMENT MARKING LINES (24")
17	EA	PAINT PAVEMENT MARKING SYMBOL
1,163	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
505	LF	UNPAVED TRENCHING (***** (1, 2")
11	EA	JUNCTION BOX (STANDARD SIZE)
3,353	LF	INDUCTIVE LOOP SAWCUT
640	LF	LEAD-IN CABLE (***** (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 013

CONTRACT ID : C202656 33553.2.2

DIV OFFICE ABERDEEN

LENGTH = 0.208 MI

COUNTY : MONTGOMERY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER DENSONS CREEK AND APPROACHES ON SR-1315.

ROADWAY ITEMS			STRUCTURE ITEMS		
			200	LB	SEED FOR TEMPORARY SEEDING
			2.75	TON	FERTILIZER FOR TEMPORARY SEEDING
			300	LF	TEMPORARY SLOPE DRAINS
Lump Sum	LS	MOBILIZATION	6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (-L- 16+54)	500	LF	SAFETY FENCE
350	CY	SHALLOW UNDERCUT	500	CY	SILT EXCAVATION
Lump Sum	LS	GRADING	8,725	SY	MATTING FOR EROSION CONTROL
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	975	SY	COIR FIBER MAT
650	TON	CLASS IV SUBGRADE STABILIZATION	891	SY	PERMANENT SOIL REINFORCEMENT MAT
135	CY	DRAINAGE DITCH EXCAVATION	120	LF	1/4" HARDWARE CLOTH
1,300	SY	FABRIC FOR SOIL STABILIZATION	1,030	LF	WATTLE
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	150	LB	POLYACRYLAMIDE (PAM)
120	SY	FOUNDATION CONDITIONING FABRIC	155	LF	COIR FIBER BAFFLE
84	LF	15" DRAINAGE PIPE	3	EA	*** SKIMMER (1-1/2")
212	LF	18" DRAINAGE PIPE	4.5	ACR	SEEDING & MULCHING
2	EA	*** DRAINAGE PIPE ELBOWS (15")	4.5	ACR	MOWING
40	LF	15" SIDE DRAIN PIPE	100	LB	SEED FOR REPAIR SEEDING
1,330	TON	AGGREGATE BASE COURSE	0.25	TON	FERTILIZER FOR REPAIR SEEDING
945	GAL	PRIME COAT	125	LB	SEED FOR SUPPLEMENTAL SEEDING
430	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	3.5	TON	FERTILIZER TOPDRESSING
30	TON	ASPHALT BINDER FOR PLANT MIX	10	MHR	SPECIALIZED HAND MOWING
26	EA	RIGHT OF WAY MARKERS	25	EA	RESPONSE FOR EROSION CONTROL
45	CY	SUBDRAIN EXCAVATION	1	ACR	REFORESTATION
35	CY	SUBDRAIN FINE AGGREGATE			
200	LF	6" PERFORATED SUBDRAIN PIPE			
1	EA	SUBDRAIN PIPE OUTLETS			
6	LF	6" OUTLET PIPE (SUBDRAINS)			
3	EA	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.20			
1	EA	FRAME WITH TWO GRATES, STD 840.29			
10	LF	SHOULDER BERM GUTTER			
75	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
111	TON	RIP RAP, CLASS I			
3	TON	RIP RAP, CLASS B			
857	SY	FILTER FABRIC FOR DRAINAGE			
305	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
2	EA	SIGN ERECTION, TYPE D			
24	EA	SIGN ERECTION, TYPE E			
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)			
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL			
494	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
45	EA	DRUMS			
69	EA	CONES			
80	LF	BARRICADES (TYPE III)			
38	MD	FLAGGER			
12,260	LF	PAINT PAVEMENT MARKING LINES (4")			
16	EA	PERMANENT RAISED PAVEMENT MARKERS			
1,950	LF	TEMPORARY SILT FENCE			
405	TON	STONE FOR EROSION CONTROL, CLASS A			
100	TON	STONE FOR EROSION CONTROL, CLASS B			
80	TON	SEDIMENT CONTROL STONE			
4.5	ACR	TEMPORARY MULCHING			
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+54.00-L-)
			33.3	LF	3'-0" DIA DRILLED PIERS IN SOIL
			41	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
			11.2	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
			1	EA	SID INSPECTION
			2	EA	SPT TESTING
			64.3	CY	CLASS A CONCRETE (BRIDGE)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+54.00-L-)
			22,476	LB	REINFORCING STEEL (BRIDGE)
			3,178	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
			215	LF	HP12X53 STEEL PILES
			260.75	LF	VERTICAL CONCRETE BARRIER RAIL
			735	TON	RIP RAP CLASS II (2'-0" THICK)
			820	SY	FILTER FABRIC FOR DRAINAGE
			Lump Sum	LS	ELASTOMERIC BEARINGS
			1,170	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
			1	EA	GENERIC STRUCTURE ITEM CSL TESTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L111018 014

CONTRACT ID : C202663 34504.3.2

DIV OFFICE ABERDEEN

LENGTH = 7.662 MI

COUNTY : MOORE

GRADING, DRAINAGE, PAVING, CURB & GUTTER, SIGNALS & CULVERT.

DBE GOAL 13.0% COMPLETION DATE : MAY 25 2014

NC-211 FROM NC-73 IN WEST END TO TRAFFIC CIRCLE IN PINEHURST.

ROADWAY ITEMS					
			4	EA	GENERIC PIPE ITEM 24" CS PIPE ELBOWS, 0.064" THICK
			2,122	LF	PIPE REMOVAL
Lump Sum	LS	MOBILIZATION	Lump Sum	LS	FINE GRADING
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	10,000	TON	STABILIZER AGGREGATE
3	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	300	TON	INCIDENTAL STONE BASE
2	EA	SEALING ABANDONED WELLS	57,150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
14,000	CY	UNDERCUT EXCAVATION	47,450	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,472	CY	SHALLOW UNDERCUT	400	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
12,232	TON	CLASS IV SUBGRADE STABILIZA- TION	165	EA	RIGHT OF WAY MARKERS
3,630	CY	DRAINAGE DITCH EXCAVATION	224	CY	SUBDRAIN EXCAVATION
1,640	LF	BERM DITCH CONSTRUCTION	168	CY	SUBDRAIN FINE AGGREGATE
81,870	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,000	LF	6" PERFORATED SUBDRAIN PIPE
15,362	SY	FABRIC FOR SOIL STABILIZATION	2	EA	SUBDRAIN PIPE OUTLETS
2,240	SF	TEMPORARY SHORING	12	LF	6" OUTLET PIPE (SUBDRAINS)
1,000	SY	GENERIC GRADING ITEM SLOPE STABILIZATION	20	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
100	TON	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	6.165	CY	PIPE COLLARS
1,000	EA	GENERIC GRADING ITEM HORIZONTAL DRAINS	7.301	CY	PIPE PLUGS
6,183	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	478	EA	MASONRY DRAINAGE STRUCTURES
13,660	SY	FOUNDATION CONDITIONING FABRIC	5.09	CY	MASONRY DRAINAGE STRUCTURES
100	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (60", 0.875", B)	126	LF	MASONRY DRAINAGE STRUCTURES
160	LF	GENERIC PIPE ITEM 15" PLAIN CS PIPE	4	EA	FRAME WITH GRATE, STD 840.24
432	LF	GENERIC PIPE ITEM 15" CS PIPE CULVERTS, 0.064" THICK	196	EA	FRAME WITH TWO GRATES, STD 840.16
23,456	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS III	40	EA	FRAME WITH TWO GRATES, STD 840.24
160	LF	GENERIC PIPE ITEM 15" RC PIPE CULVERTS, CLASS IV	20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
476	LF	GENERIC PIPE ITEM 15" SIDE DRAIN PIPE	101	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
116	LF	GENERIC PIPE ITEM 18" CS PIPE CULVERTS, 0.064" THICK	116	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
9,168	LF	GENERIC PIPE ITEM 18" RC PIPE CULVERTS, CLASS III	4	EA	FRAME WITH COVER, STD 840.54
172	LF	GENERIC PIPE ITEM 18" SIDE DRAIN PIPE	193	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
124	LF	GENERIC PIPE ITEM 24" CS PIPE CULVERTS, 0.064" THICK	67,780	LF	1'-6" CONCRETE CURB & GUTTER
5,940	LF	GENERIC PIPE ITEM 24" RC PIPE CULVERTS, CLASS III	54,450	LF	2'-6" CONCRETE CURB & GUTTER
28	LF	GENERIC PIPE ITEM 24" SIDE DRAIN PIPE	9,570	SY	4" CONCRETE SIDEWALK
36	LF	GENERIC PIPE ITEM 30" CS PIPE CULVERTS, 0.079" THICK	610	SY	6" CONCRETE DRIVEWAY
584	LF	GENERIC PIPE ITEM 30" RC PIPE CULVERTS, CLASS III	3,770	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
136	LF	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS III	20	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS
28	LF	GENERIC PIPE ITEM 48" RC PIPE CULVERTS, CLASS III	8,200	LF	STEEL BM GUARDRAIL
92	LF	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS III	37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
12	EA	GENERIC PIPE ITEM 15" CS PIPE ELBOWS, 0.064" THICK	10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GENERIC PIPE ITEM 18" CS PIPE ELBOWS, 0.064" THICK	17	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			18	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			312.5	LF	TEMPORARY STEEL BM GUARDRAIL
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			2	EA	GENERIC GUARDRAIL ITEM GUARDRAIL ANCHOR UNITS, TYPE CAT-1 TEMPORARY
			250	TON	RIP RAP, CLASS I
			3,200	TON	RIP RAP, CLASS B
			15,305	SY	FILTER FABRIC FOR DRAINAGE
			2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			12	CY	OVERHEAD FOOTING
			4,361	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (405+00 -L-)
			29	EA	SIGN ERECTION, TYPE D
			163	EA	SIGN ERECTION, TYPE E
			39	EA	SIGN ERECTION, TYPE F

			2	EA	REMOVE FIRE HYDRANT
			10	EA	REMOVE UTILITY MANHOLE
			62	LF	24" ENCASEMENT PIPE
			191	LF	30" ENCASEMENT PIPE
			191	LF	TRENCHLESS INSTALLATION OF *** IN SOIL (30")
9	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)			
101	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	40,000	LF	TEMPORARY SILT FENCE
1,536	SF	WORK ZONE SIGNS (STATIONARY)	5,750	TON	STONE FOR EROSION CONTROL, CLASS A
848	SF	WORK ZONE SIGNS (PORTABLE)			
63	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	11,000	TON	STONE FOR EROSION CONTROL, CLASS B
2	EA	FLASHING ARROW PANELS, TYPE C	10,400	TON	SEDIMENT CONTROL STONE
5	EA	CHANGEABLE MESSAGE SIGN	300	ACR	TEMPORARY MULCHING
1,571	EA	DRUMS	11,500	LB	SEED FOR TEMPORARY SEEDING
300	EA	CONES	47.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
2,208	LF	BARRICADES (TYPE III)	7,500	LF	TEMPORARY SLOPE DRAINS
900	MD	FLAGGER	150	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
4	EA	TEMPORARY CRASH CUSHIONS	500	LF	SAFETY FENCE
1	EA	RESET TEMPORARY CRASH CUSHIONS	26,000	CY	SILT EXCAVATION
2	EA	TMA	110,600	SY	MATTING FOR EROSION CONTROL
449	LF	PORTABLE CONCRETE BARRIER	500	SY	COIR FIBER MAT
192	HR	LAW ENFORCEMENT	2,250	SY	PERMANENT SOIL REINFORCEMENT MAT
23	EA	GENERIC TRAFFIC CONTROL ITEM WARNING FLAGS			
1,917	EA	TEMPORARY RAISED PAVEMENT MARKERS	24,300	LF	1/4" HARDWARE CLOTH
40,602	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	400	LF	*** TEMPORARY PIPE (24")
18,301	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	10	EA	SPECIAL STILLING BASINS
9,651	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	16,275	LF	COIR FIBER WATTLE
			9,250	LB	POLYACRYLAMIDE (PAM)
650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	4,000	LF	COIR FIBER BAFFLE
			20	EA	*** SKIMMER (1-1/2")
1,612	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	300	ACR	SEEDING & MULCHING
215	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	300	ACR	MOWING
824,450	LF	PAINT PAVEMENT MARKING LINES (4")	4,850	LB	SEED FOR REPAIR SEEDING
			13.25	TON	FERTILIZER FOR REPAIR SEEDING
5,912	LF	PAINT PAVEMENT MARKING LINES (8")	8,150	LB	SEED FOR SUPPLEMENTAL SEEDING
332	LF	PAINT PAVEMENT MARKING LINES (16")	244.25	TON	FERTILIZER TOPDRESSING
5,778	LF	PAINT PAVEMENT MARKING LINES (24")	160	LF	IMPERVIOUS DIKE
20	EA	PAINT PAVEMENT MARKING CHARAC- TER	30	MHR	SPECIALIZED HAND MOWING
558	EA	PAINT PAVEMENT MARKING SYMBOL	100	EA	RESPONSE FOR EROSION CONTROL
130,042	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	10	ACR	REFORESTATION
1,837	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	26	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION W/COUNTDOWN)
421	EA	PERMANENT RAISED PAVEMENT MARKERS	26,760	LF	SIGNAL CABLE
749	LF	*** WATER LINE (1-1/4")	123	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1,644	LF	6" WATER LINE	23	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
29	LF	8" WATER LINE	20	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
8,793	LF	12" WATER LINE	2,760	LF	MESSENGER CABLE (1/4")
1,476	LF	16" WATER LINE	6,720	LF	MESSENGER CABLE (3/8")
3	EA	6" VALVE	4,930	LF	TRACER WIRE
2	EA	8" VALVE	10	LF	PAVED TRENCHING (***** (1, 2")
6	EA	12" VALVE	9,495	LF	UNPAVED TRENCHING (***** (1, 2")
3	EA	16" VALVE	180	LF	UNPAVED TRENCHING (***** (2, 2")
2	EA	2" AIR RELEASE VALVE	245	LF	UNPAVED TRENCHING (***** (3, 2")
5	EA	RELOCATE WATER METER	1,740	LF	DIRECTIONAL DRILL (***** (1, 2")
2	EA	RECONNECT WATER METER	1,600	LF	DIRECTIONAL DRILL (***** (2, 2")
1	EA	FIRE HYDRANT			
14	EA	RELOCATE FIRE HYDRANT	61	EA	JUNCTION BOX (STANDARD SIZE)
2,842	LF	*** SANITARY GRAVITY SEWER (15")	47	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
148	LF	18" SANITARY GRAVITY SEWER	31	EA	WOOD POLE
4,450	LF	4" FORCE MAIN SEWER	80	EA	GUY ASSEMBLY
40	LF	6" FORCE MAIN SEWER	9	EA	1" RISER WITH WEATHERHEAD
2,022	LF	10" FORCE MAIN SEWER	47	EA	2" RISER WITH WEATHERHEAD
3,483	LF	16" FORCE MAIN SEWER	7	EA	2" RISER WITH HEAT SHRINK TUBING
3	EA	4' DIA UTILITY MANHOLE	26,280	LF	INDUCTIVE LOOP SAWCUT
15	EA	5' DIA UTILITY MANHOLE	74,210	LF	LEAD-IN CABLE (***** (14-2)
55.3	LF	UTILITY MANHOLE WALL, 5' DIA	13,460	LF	COMMUNICATIONS CABLE (**FIBER) (12)
767	LF	ABANDON *** UTILITY PIPE (1-1/4")			
126	LF	ABANDON *** UTILITY PIPE (15")	6	EA	INTERCONNECT CENTER
5,086	LF	ABANDON *** UTILITY PIPE (4")	6	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
942	LF	ABANDON 6" UTILITY PIPE	16	EA	DELINEATOR MARKER
43	LF	ABANDON 8" UTILITY PIPE	1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
4,895	LF	ABANDON 10" UTILITY PIPE			
8,979	LF	ABANDON 12" UTILITY PIPE	640	LF	REMOVE EXISTING COMMUNICATIONS CABLE
4,463	LF	ABANDON 16" UTILITY PIPE	20	EA	METAL STRAIN SIGNAL POLE

39	EA	SOIL TEST
234	CY	DRILLED PIER FOUNDATION
16	EA	SIGNAL PEDESTAL WITH FOUNDATION
19	EA	MAST ARM WITH METAL POLE DESIGN
20	EA	SIGN FOR SIGNALS
3	EA	LED BLANKOUT SIGN
10	EA	SIGNAL CABINET FOUNDATION
10	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
66	EA	DETECTOR CARD (TYPE 2070L)
10	EA	CABINET BASE EXTENDER
16	EA	GENERIC SIGNAL ITEM DECORATIVE BASE COVER FOR PEDESTRIAN PEDESTAL
19	EA	GENERIC SIGNAL ITEM DECORATIVE BASE COVER FOR MAST ARM POLE ASSEMBLY
19	EA	GENERIC SIGNAL ITEM METAL POLE WITH SINGLE MAST ARM
35	EA	GENERIC SIGNAL ITEM POWDER COAT FOR DECORATIVE BASES
16	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PEDESTRIAN PEDESTAL
19	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE
1	EA	GENERIC SIGNAL ITEM WIRELESS MAGNETIC SENSOR VEHICLE DETECTOR SYSTEM

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

94,500	CY	UNCLASSIFIED EXCAVATION
299,200	CY	BORROW EXCAVATION
110,800	TON	AGGREGATE BASE COURSE
36,920	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
7,215	TON	ASPHALT BINDER FOR PLANT MIX *** OR ***
71,300	CY	UNCLASSIFIED EXCAVATION
340,100	CY	BORROW EXCAVATION
79,230	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,080	TON	ASPHALT BINDER FOR PLANT MIX

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (245+05.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (278+26.06 -LREV3-)
215.8	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
314.2	CY	CLASS A CONCRETE (CULVERT)
49,171	LB	REINFORCING STEEL (CULVERT)