STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION 6

PROPOSAL

SMALL BUSINESS ENTERPRISE

ANNUAL RENEWABLE - 3 YEARS

DATE & TIME OF BID

OPENING: APRIL 5, 2017 AT 2:00 PM

CONTRACT NO.:

D6BR.SBE.001

WBS ELEMENT NO.:

6B.100914.3, 6B.200914.3, 6B.102414.3, 6B.202414.3, 6B.102614.3, 6B.202614.3, 6B.104314.3, 6B.204314.3, 6B.107814.3 & 6B.207814.3

FEDERAL AID NO.:

STATE FUNDED

COUNTY:

BLADEN, COLUMBUS, CUMBERLAND, HARNETT, & ROBESON

ROUTE NO.:

VARIOUS ROADS

TYPE OF WORK:

DEBRIS REMOVAL & SWEEPING OF BRIDGES

NOTICE:

ADDRESS OF BIDDER

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD OR SBE PROJECT. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA.

THIS IS A ROADWAY PROJECT.	BID BONDS ARE NOT REQUIRED.
NAME OF BIDDER	

PROPOSAL

NC DEPARTMENT OF TRANSPORTATION RALEIGH, NORTH CAROLINA

The Bidder has carefully examined the location of the proposed work; has carefully examined the plans and specifications, which are acknowledged to be part of the proposal, the special provisions, the proposal, the form of contract, and the forms of contract payment bond and contract performance bond; and thoroughly understands the stipulations, requirements and provisions. The undersigned bidder agrees to bound upon his execution of the bid and subsequent award to him by the Department of Transportation in accordance with this proposal to provide the necessary contract payment bond and contract performance bond within fourteen days after the written notice of award is received by him. The undersigned Bidder further agrees to provide all necessary machinery, tools, labor, and other means of construction; and to do all the work and to furnish all materials, except as otherwise noted, necessary to perform and complete the said contract in accordance with the 2012 Standard Specifications for Roads and Structures by the dates(s) specified in the Project Special Provisions and in accordance with the requirements of the Engineer, and at the unit or lump sum prices, as the case may be, for the various items given on the sheets contained herein.

The Bidder shall provide and furnish all the materials, machinery, implements, appliances and tools, and perform the work and required labor to construct and complete this contract, for the unit or lump sum prices, as the case may be, bid by the Bidder in his bid and according to the proposal, plans, and specifications prepared by said Department, which proposal, plans, and specifications show the details covering this project, and hereby become a part of this contract.

The published volume entitled *North Carolina Department of Transportation, Raleigh, Standard Specifications for Roads and Structures, January 2012* with all amendments and supplements thereto, is by reference incorporated into and made a part of this contract; that, except as herein modified, all the construction and work included in this contract is to be done in accordance with the specifications contained in said volume, and amendments and supplements thereto, under the direction of the Engineer.

If the proposal is accepted and the award is made, the contract is valid only when signed either by the Contract Officer or such other person as may be designated by the Secretary to sign for the Department of Transportation. The conditions and provisions herein cannot be changed except over the signature of the said Contract Officer or Division Engineer.

The quantities shown in the itemized proposal for the project are considered to be approximate only and are given as the basis for comparison of bids. The Department of Transportation may increase or decrease the quantity of any item or portion of the work as may be deemed necessary or expedient.

An increase or decrease in the quantity of an item will not be regarded as sufficient ground for an increase or decrease in the unit prices, nor in the time allowed for the completion of the work, except as provided for the contract.

TABLE OF CONTENTS

COVER SHEET PROPOSAL SHEET

SPECIAL PROVISIONS

INSTRUCTIONS TO BIDDERS	4
GENERAL:	
SMALL BUSINESS ENTERPRISE PROGRAM:	5
MANDATORY PRE-BID CONFERENCE	5
AUTHORITY OF THE ENGINEER:	
CONTRACT TIME AND LIQUIDATED DAMAGES:	6
CONTRACT PERIOD:	
INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES:	6
PROSECUTION AND PROGRESS:	7
DIVISION CONTACT:	
LOCATING EXISTING UNDERGROUND UTILITIES:	7
RESOURCE CONSERVATION AND ENV. SUSTAINABLE PRACTICES:	7
OUTSOURCING OUTSIDE THE USA:	8
IRAN DIVESTMENT ACT:	8
GIFTS FROM VENDORS AND CONTRACTORS:	8
LIABILITY INSURANCE:	9
EMPLOYMENT:	
STATE HIGHWAY ADMINISTRATOR TITLE CHANGE:	9
SUPERVISION BY CONTRACTOR:	9
EQUIPMENT:	9
PAYMENT:	
TRAFFIC CONTROL AND WORK ZONE SAFETY:	10
FLAGGERS:	11
ROADWAY	12
TYPICAL SECTIONS:	29
AVAILABILITY OF FUNDS – TERMINATION OF CONTRACTS:	34
ERRATA:	
PLANT AND PEST QUARANTINES:	35
MINIMUM WAGES:	
AWARD OF CONTRACT:	
ON-THE-JOB TRAINING:	
NAME CHANGE FOR NCDENR:	
EXECUTION OF BID	42
CONTRACT BID FORM	49
EXECUTION OF CONTRACT	50

INSTRUCTIONS TO BIDDERS

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE PREPARING AND SUBMITTING YOUR BID.

All bids shall be prepared and submitted in accordance with the following requirements. Failure to comply with any requirement may cause the bid to be considered irregular and may be grounds for rejection of the bid.

TRADITIONAL PAPER BIDS:

- 1. Download the entire proposal from the Connect NCDOT website and return the entire proposal with your bid.
- 2. All entries on the itemized proposal sheet (bid form) shall be written in ink or typed.
- 3. The Bidder shall submit a unit price for every item on the itemized proposal sheet. The unit prices for the various contract items shall be written in figures. Unit prices shall be rounded off by the Bidder to contain no more than FOUR decimal places.
- **4.** An amount bid shall be entered on the itemized proposal sheet for every item. The amount bid for each item shall be determined by multiplying each unit bid by the quantity for that item, and shall be written in figures in the "Amount" column of the form.
- 5. The total amount bid shall be written in figures in the proper place on the bid form. The total amount bid shall be determined by adding the amounts bid for each item.
- **6.** Changes to any entry shall be made by marking through the entry in ink and making the correct entry adjacent thereto in ink. A representative of the Bidder shall initial the change in ink. Do not use correction fluid, correction tape or similar product to make corrections.
- 7. The bid shall be properly executed on the included **Execution of Bid Non-collusion Affidavit, Debarment Certification and Gift Ban Certification** form. All bids shall show the following information:
 - a. Name of corporation, partnership, limited liability company, joint venture, individual or firm, submitting bid. Corporations that have a corporate seal should include it on the bid.
 - b. Name of individual or representative submitting bid and position or title held on behalf of the bidder.
 - c. Name, signature, and position or title of witness.
 - d. Completed attestation by Notary Public

Note: Signer, Witness and Notary Public must be different individuals.

- **8.** The bid shall not contain any unauthorized additions, deletions, or conditional bids.
- **9.** The Bidder shall not add any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- 10. The Form entitled "LISTING OF DBE SUBCONTRACTORS", or "LISTING OF MBE/WBE SUBCONTRACTORS", must be filled out for Subcontractors submitting quotes for work on this contract. The Contractor shall then submit this form with the bid package.
- 11. <u>THE PROPOSAL WITH THE ITEMIZED PROPOSAL SHEET ATTACHED</u> SHALL BE PLACED IN A <u>SEALED</u> ENVELOPE AND SHALL BE DELIVERED TO AND RECEIVED IN THE NCDOT DIVISION PROPOSALS ENGINEER'S OFFICE AT 558 GILLESPIE STREET, FAYETTEVILLE, N. C. 28301 <u>BY 2:00 P.M. ON APRIL 5, 2017</u>.
- 12. The sealed bid envelope must display the bidding Contractor's name and address on the front.
- 13. The sealed bid must display the following statement on the front of the sealed envelope:

QUOTATION FOR D6BR.SBE.001 - 6B.100914.3, ETC. DEBRIS REMOVAL & SWEEPING OF BRIDGES – DIVISION WIDE TO BE OPENED AT 2:00 PM ON WEDNESDAY, APRIL 5, 2017

14. If delivered by mail, the sealed envelope shall be placed in another sealed envelope and the outer envelope shall be addressed as follows:

N. C. DEPARTMENT OF TRANSPORTATION R. ALLEN WADDELL, P.E. P.O. BOX 1150 FAYETTEVILLE, NC 28302

PROJECT SPECIAL PROVISIONS

GENERAL:

This contract is for the Debris Removal and Sweeping of Bridges in Bladen, Columbus, Cumberland, Harnett, and Robeson Counties of Division Six. The Department is requesting **ALL PRIMARY BRIDGES** take priority when working in counties and shall plan schedule accordingly.

All work and materials shall be in accordance with the provisions of the General Guidelines of this contract, the Project Special Provisions, the North Carolina Department of Transportation Standard Specifications for Roads and Structures 2012, the North Carolina Department of Transportation Roadway Standards Drawings, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD). The Contractor shall keep himself fully informed of all Federal, State and local laws, ordinances, and regulations, and shall comply with the provisions of Section 107 of the Standard Specifications.

SMALL BUSINESS ENTERPRISE PROGRAM:

Bids are being solicited for this project under the provisions of NCDOT's Small Business Enterprise Program.

Your firm does not have to be formally identified as a minority, woman, or disabled business to qualify for this Program, but you must have had an annual income of \$1,500,000 or less for the previous calendar year.

Under the provisions of this Program, a NC General Contractor's License is not required.

Under the provisions of this Program, contract payment and contract performance bonds are not required.

Under the provisions of this Program, your firm is required to be certified as a SBE Contractor with the Contractual Services Unit of NCDOT, and be listed in the Directory of Transportation Firms, prior to bidding on this contract. Prospective bidders who qualify for the SBE Program and are not currently certified should submit a completed application packet prior to bid submittal to allow for review time. The application packet and additional information on the program may be obtained online at: https://connect.ncdot.gov/business/SmallBusiness/Pages/default.aspx.

The Department of Transportation will assume no responsibility for any delays caused prior to the date of availability by any reason whatsoever, and such delays, if any, will not constitute a valid reason for extending the completion date.

MANDATORY PRE-BID CONFERENCE

All prospective Bidders shall attend a Mandatory Pre-Bid Conference at the location indicated below. This conference will be conducted by Department personnel for the purpose of providing additional information about the project and to give Bidders an opportunity to ask any questions they may have. Only bids received from Bidders who have attended and properly registered at the Pre-Bid Conference will be considered.

No questions concerning the project will be answered by any Department personnel at any time except at the Pre-Bid Conference.

Attendance at the Pre-Bid Conference will not meet the requirements of proper registration unless the individual attending has registered at the Conference in accordance with the following:

- 1. The individual signs his or her name on the official roster;
- 2. The individual writes in the name and address of the company he or she represents; and
- 3. Only one company is shown as being represented by the individual attending

Bidders are to meet for the Pre-Bid Conference on Wednesday, March 29, 2017 at 10:00 A.M. The Pre-Bid Conference will be held at the NC Department of Transportation, Cumberland Maintenance Training Room, 549 Transportation Drive, Fayetteville, North Carolina 28302.

AUTHORITY OF THE ENGINEER:

(01-30-14) 105-1 SPD 01-460

The Engineer for this project shall be the Division Engineer, Division 6, Division of Highways, and North Carolina Department of Transportation, acting directly or through his duly authorized representative.

The Engineer will decide all questions which may arise as to the quality and acceptability of work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the contract; and all questions as to the acceptable fulfillment of the contract on the part of the Contractor. His decision shall be final and he shall have executive authority to enforce and make effective such decisions and orders as the Contractor fails to carry out promptly.

CONTRACT TIME AND LIQUIDATED DAMAGES:

The date of availability for this project shall be April 24, 2017. The Contractor may begin work prior to these dates upon approval of the Engineer or his duly authorized representative. If such approval is given, and the Contractor begins work prior to the date of availability, the Department of Transportation will assume no responsibility for any delays caused prior to the date of availability by any reason whatsoever, and such delays, if any, will not constitute a valid reason for extending the completion date.

No work will be permitted and no purchase order will be issued until all required bonds and prerequisite conditions and certifications have been satisfied.

The completion date for this project shall be April 23, 2018. No extensions will be authorized except as authorized by Article 108-10 of the 2012 Standard Specifications.

Liquidated damages for this contract shall be One Hundred Dollars (\$500.00) per calendar day.

CONTRACT PERIOD:

This contract shall be effective for one (1) contract period (up to 12 months). At the option of the Department and upon agreement by the Contractor, this contract may be extended for up to two (2) additional one (1) year periods with a three percent (3%) increase in prices each year.

No changes in the terms, condition, etc. of this contract will be made when an extension of the contract is implemented. The Engineer will notify the Contractor in writing prior to renewal of the contract. The Contractor must notify the Engineer in writing within fifteen (15) days of notification by the Engineer of his acceptance or rejection of this offer. Failure on the part of the Contractor to reply will be viewed as a rejection of the contract extension.

The contract may be nullified by either party within thirty days of providing written notification to the other party.

The Contractor shall provide an ACORD insurance certificate showing a minimum of \$5,000,000 Liability Insurance along with proof of all other legally required insurance.

INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES:

(2-20-07)

SP1G14A

The Contractor shall complete the required work of installing, maintaining, and removing the traffic control devices for lane closures and restoring traffic to the existing traffic pattern. The Contractor shall not close or narrow a lane of traffic during the following time restrictions:

DAY AND TIME RESTRICTIONS

Monday through Thursday from 6:00 A.M. to 7:00 P.M. Friday 6:00 AM through Monday 6:00 AM

In addition, the Contractor shall not close or narrow a lane of traffic on **ANY MAP**, detain and/or alter the traffic flow on or during holidays, holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

- 1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
- 2. For **New Year's Day**, between the hours of **4:00 p.m.** December 31st and **9:00 a.m.** January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until **9:00 a.m.** the following Tuesday.

- 3. For **Easter**, between the hours of **4:00 p.m.** Thursday and **9:00 a.m.** Monday.
- 4. For **Memorial Day**, between the hours of **4:00 p.m.** Friday and **9:00 a.m.** Tuesday.
- 5. For **Independence Day**, between the hours of **4:00 p.m.** the day before Independence Day and **9:00 a.m.** the day after Independence Day.

If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of **4:00 p.m**. the Thursday before Independence Day and **9:00 a.m.** the Tuesday after Independence Day.

- 6. For Labor Day, between the hours of 4:00 p.m. Friday and 9:00 a.m. Tuesday.
- 7. For Thanksgiving Day, between the hours of 4:00 p.m. Tuesday and 9:00 a.m. Monday.
- **8.** For **Christmas**, between the hours of **4:00 p.m.** the Friday before the week of Christmas Day and **9:00 a.m.** the following Tuesday after the week of Christmas Day.

Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

Work will only be performed when weather and visibility conditions allow safe operations.

Liquidated damages are Five Hundred Dollars (\$500.00) per fifteen (15) minutes or portion thereof.

PROSECUTION AND PROGRESS:

(3-16-10) 108 SPD 1-700

The Contractor shall pursue the work diligently with workmen in sufficient numbers, abilities, and supervision, and with equipment, materials, and methods as may be required to complete the work described in the contract by the completion date and in accordance with the 2012 Standard Specifications.

The Contractor's operations are restricted to nighttime hours. No work may be performed on Saturdays, Sundays and legal State holidays, unless otherwise approved by the Engineer. Work shall only be performed when weather and visibility conditions allow safe operations.

DIVISION CONTACT:

The Bridge Maintenance contact will be Mr. Darren K Pittman - Bridge Engineer, and he may be reached at (910) 829-6345.

LOCATING EXISTING UNDERGROUND UTILITIES:

(3-20-12) 105 SPI G115

Revise the 2012 Standard Specifications as follows:

Page 1-43, Article 105-8, line 28, after the first sentence, add the following:

Identify excavation locations by means of pre-marking with white paint, flags, or stakes or provide a specific written description of the location in the locate request.

RESOURCE CONSERVATION AND ENV. SUSTAINABLE PRACTICES:

(5-21-13) (Rev. 5-19-15) 104-13 SPI G118

In accordance with North Carolina Executive Order 156, NCGS 130A-309.14(3), and NCGS 136-28.8, it is the objective of the Department to aid in the reduction of materials that become a part of our solid waste stream, to divert materials from landfills, to find ways to recycle and reuse materials, to consider and minimize, where economically feasible, the environmental impacts associated with agency land use and acquisition, construction, maintenance and facility management for the benefit of the Citizens of North Carolina.

To achieve the mission of reducing environmental impacts across the state, the Department is committed to supporting the efforts to initiate, develop and use products and construction methods that incorporate the use of recycled, solid waste products and environmentally sustainable practices in accordance with Article 104-13 of the *Standard Specifications*.

Report the quantities of reused or recycled materials either incorporated in the project or diverted from landfills and any practice that minimizes the environmental impact on the project annually on the Project Construction Reuse and Recycling Reporting Form. The Project Construction Reuse and Recycling Reporting Form and a location tool for local recycling facilities are available at:

http://connect.ncdot.gov/resources/Environmental/Pages/North-Carolina-Recycling-Locations.aspx.

Submit the Project Construction Reuse and Recycling Reporting Form by August 1 annually to valuemanagementunit@ncdot.gov. For questions regarding the form or reporting, please contact the State Value Management Engineer at 919-707-4810.

OUTSOURCING OUTSIDE THE USA:

(9-21-04) (Rev. 5-16-06)

SP1 G150

All work on consultant contracts, services contracts, and construction contracts shall be performed in the United States of America. No work shall be outsourced outside of the United States of America.

Outsourcing for the purpose of this provision is defined as the practice of subcontracting labor, work, services, staffing, or personnel to entities located outside of the United States.

The North Carolina Secretary of Transportation shall approve exceptions to this provision in writing.

IRAN DIVESTMENT ACT:

(5-17-16)

SP01 G151

As a result of the Iran Divestment Act of 2015 (Act), Article 6E, N.C. General Statute § 147-86.55, the State Treasurer published the Final Divestment List (List) which includes the Final Divestment List-Iran, and the Parent and Subsidiary Guidance-Iran. These lists identify companies and persons engaged in investment activities in Iran and will be updated every 180 days. The List can be found at https://www.nctreasurer.com/inside-the-department/OpenGovernment/Pages/Iran-Divestment-Act-Resources.aspx

By submitting the Offer, the Contractor certifies that, as of the date of this bid, it is not on the then-current List created by the State Treasurer. The Contractor must notify the Department immediately if, at any time before the award of the contract, it is added to the List.

As an ongoing obligation, the Contractor must notify the Department immediately if, at any time during the contract term, it is added to the List. Consistent with § 147-86.59, the Contractor shall not contract with any person to perform a part of the work if, at the time the subcontract is signed, that person is on the then-current List.

During the term of the Contract, should the Department receive information that a person is in violation of the Act as stated above, the Department will offer the person an opportunity to respond and the Department will take action as appropriate and provided for by law, rule, or contract.

GIFTS FROM VENDORS AND CONTRACTORS:

(12-15-09)

SP1 G152

By Executive Order 24, issued by Governor Perdue, and *N.C.G.S.* § 133-32, it is unlawful for any vendor or contractor (i.e. architect, bidder, contractor, construction manager, design professional, engineer, landlord, offeror, seller, subcontractor, supplier, or vendor), to make gifts or to give favors to any State employee of the Governor's Cabinet Agencies (i.e. Administration, Commerce, Correction, Crime Control and Public Safety, Cultural Resources, Environment and Natural Resources, Health and Human Services, Juvenile Justice and Delinquency Prevention, Revenue, Transportation, and the Office of the Governor). This prohibition covers those vendors and contractors who:

- (A) Have a contract with a governmental agency; or
- (B) Have performed under such a contract within the past year; or
- (C) Anticipate bidding on such a contract in the future.

For additional information regarding the specific requirements and exemptions, vendors and contractors are encouraged to review Executive Order 24 and *N.C.G.S.* § 133-32.

Executive Order 24 also encouraged and invited other State Agencies to implement the requirements and prohibitions of the Executive Order to their agencies. Vendors and contractors should contact other State Agencies to determine if those agencies have adopted Executive Order 24.

LIABILITY INSURANCE:

(5-20-14) SPI G160

Revise the 2012 Standard Specifications as follows:

Page 1-60, Article 107-15 LIABILITY INSURANCE, line 16, add the following as the second sentence of the third paragraph:

Prior to beginning services, all contractors shall provide proof of coverage issued by a workers' compensation insurance carrier, or a certificate of compliance issued by the Department of Insurance for self-insured subcontractors, irrespective of whether having regularly in service fewer than three employees.

EMPLOYMENT:

(11-15-11) (Rev. 1-17-12) 108, 102 SP1 G184

Revise the 2012 Standard Specifications as follows:

Page 1-20, Subarticle 102-15(O), delete and replace with the following:

(O) Failure to restrict a former Department employee as prohibited by Article 108-5.

Page 1-65, Article 108-5 Character of Workmen, Methods, and Equipment, line 32, delete all of line 32, the first sentence of the second paragraph and the first word of the second sentence of the second paragraph.

STATE HIGHWAY ADMINISTRATOR TITLE CHANGE:

(9-18-12) SPI G185

Revise the 2012 Standard Specifications as follows:

Replace all references to "State Highway Administrator" with "Chief Engineer".

SUPERVISION BY CONTRACTOR:

At all times during the life of the project the Contractor shall provide one permanent employee who shall have the authority and capability for overall responsibility of the project and who shall be personally available at the work site within 24 hours notice. Such employee shall be fully authorized to conduct all business with the Subcontractors, to negotiate and execute all supplemental agreements, and to execute the orders or directions of the Engineer.

At all times that work is actually being performed, the Contractor shall have present on the project one competent individual who is authorized to act in a supervisory capacity over all work on the project, including work subcontracted. The individual who has been so authorized shall be experienced in the type of work being performed and shall be fully capable of managing, directing, and coordinating the work; of reading and thoroughly understanding the contract; and receiving and carrying out directions from the Engineer or his authorized representatives. He shall be an employee of the Contractor unless otherwise approved by the Engineer.

The Contractor may, at his option, designate one employee to meet the requirements of both positions. However, whenever the designated employee is absent from the work site, an authorized individual qualified to act in a supervisory capacity on the project shall be present.

EQUIPMENT:

The Contractor shall furnish all equipment in good operating condition, and shall be operated by properly trained and qualified personnel. The Contractor shall be responsible for all costs or charges incurred in the operation and maintenance of the equipment during the performance of this contract. Upon request, the contractor shall provide any and all state and federal certifications for equipment safety.

Payment for equipment and labor required to perform bid items is included in the bid item price provided by the contractor. Mobilization of labor and equipment shall be included in the bid item price provided by the contractor.

PAYMENT:

The **INVOICE** along with – **SUBCONTRACTOR PAYMENT INFORMATION** shall be completed for each month work is performed and shall be submitted to the Department. Upon verification, the Engineer will submit the invoice for payment.

Invoices shall be submitted to:

N.C. Department of Transportation Division 6 – Bridge Maint. ATTENTION: Darren Pittman P.O. Box 1150 Fayetteville, N.C. 28302

TRAFFIC CONTROL AND WORK ZONE SAFETY:

The contractor shall maintain traffic during construction and provide, install, and maintain all traffic control devices in accordance with these project guidelines, the Project Special Provisions, NCDOT <u>Standard Specifications for Roads and Structures</u>, and the current edition of the <u>Manual of Uniform Traffic Control Devices</u> (MUTCD). All traffic control devices shall meet all requirements of NCHRP 350.

The Contractor shall utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. Signs for temporary operations shall be removed during periods of inactivity. The Contractor is required to leave the project in a manner that will be safe to the traveling public and which will not impede motorists.

Traffic movements through lane closures on roads with two way traffic shall be controlled by flaggers stationed at each end of the work zone. In situations where sight distance is limited, the Contractor shall provide additional means of controlling traffic, including, but not limited to, two-way radios, pilot vehicles, or additional flaggers. Flaggers shall be competent personnel, adequately trained in flagging procedures, and furnished with proper safety devices and equipment, including, but not limited to, safety vests and stop/slow paddles.

All personnel when working in traffic areas or areas in close proximity to traffic shall wear an approved safety vest, or shirt or jacket which meets the color requirements of the Manual of Uniform Traffic Control Devices (MUTCD).

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation, and shall provide all safeguards, safety devices, and protective equipment, and shall take any other needed actions, on his own responsibility that are reasonably necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract. Failure to comply with any of the requirements for safety and traffic control of this contract shall result in suspension of work as provided in subarticle 108-7(2) of the <u>Standard Specifications</u>.

The Contractors attention is directed to the following:

- 1. The Contractor shall not close more than one lane of traffic without prior approval of the engineer.
- 2. Portable "Road Construction Ahead" signs may be used in lieu of post mounted signs, as directed by the engineer.

Maintain traffic in accordance with Divisions 10, 11 and 12 of the Standard Specifications and the following provisions:

Use a lane closure (refer to the Roadway Standard Drawings Nos. 1101.02, 1101.11, 1110.02, 1130.01 and details for the Advance Work Zone signing in contract) or a slow-moving operation as shown in details of this contract. Use a moving operation only if the minimum speed maintained at all times is 3 mph with no stops that narrow or close a lane of travel. If the moving operation is progressing slower than 3 mph at any time, install a lane closure. Maintain the existing traffic pattern at all times, except in the immediate work zone where lane closures are allowed as determined by the Engineer.

Refer to Attached Details and the Roadway Standard Drawings Nos. 1101.02, 1101.03, 1101.04, 1101.05, 1101.11, 1110.01, 1110.02, 1115.01, 1130.01, 1135.01, 1145.01, 1150.01, 1165.01, 1170.01 and 1180.01 when closing a lane of travel in a stationary work zone such as pavement patching resurfacing, or pavement marking removal. Properly ballasted cones may be used instead of drums for lane closures during daylight hours. However, drums are required for the upstream taper portion of

lane closures in all applications. The stationary work zone shall be a maximum of 3 miles in length at any given time unless otherwise directed by the Engineer. A pilot vehicle operation may be used in conjunction with flaggers and the appropriate pilot vehicle warning signing as directed by the Engineer. During periods of construction inactivity, return the traffic pattern to the existing alignment and remove or cover any work zone signs. When covering work zone signs, use an opaque material that prevents reading of the sign at night by a driver using high beam headlights. Use material, which does not damage the sign sheeting. Replace any obliterated markings as required by other sections of the Standard Specifications and the Engineer.

When personnel and equipment are working on the shoulder adjacent to an undivided facility and within 5 feet of an open travel lane, close the nearest open travel lane using the Roadway Standard Drawings No. 1101.02 unless the work area is protected by barrier or guardrail. When personnel and equipment are working on the shoulder, adjacent to a divided facility and within 10 feet of an open travel lane, close the nearest open travel lane using the Roadway Standard Drawings No. 1101.02 unless the work area is protected by barrier or guardrail. When personnel and equipment are working within a lane of travel of an undivided or divided facility, close the lane according to the traffic control plans, Roadway Standard Drawings or as directed by the Engineer. Conduct the work so that all personnel and equipment remain within the closed travel lane. Do not work simultaneously, on both sides of an open travel way, within the same location, on a two-lane, two-way road. Do not perform work involving heavy equipment within 15 feet of the edge of travel way when work is being performed behind a lane closure on the opposite side of the travel way. Perform work only when weather and visibility conditions allow safe operations as directed by the Engineer.

No direct payment shall be made for traffic control and work zone safety items, as they shall be considered incidental to other contract items.

FLAGGERS:

Provide the service of properly equipped and qualified flaggers, in accordance with Section 1150 of the <u>Standard Specifications</u> and *Roadway Standard Drawing* 1150.01, at locations and times for such period as necessary for the control and protection of vehicular and pedestrian traffic. Anyone who controls traffic is required to be qualified. Qualification consists of each flagger receiving proper training in the set-up and techniques of safely and competently performing a flagging operation. Qualification of flaggers is to be done by an NCDOT approved training agency. For a complete listing of these, see the Work Zone Traffic Control's webpage, http://www.ncdot.gov/doh/preconstruct/wztc/.

Prior to beginning work on the project, a Qualification Statement that all flaggers used on the project have been properly trained through an NCDOT approved training resource shall be provided to the Engineer.

Flagging operations are not allowed for the convenience of the Contractor's operations. However, if safety issues exist (i.e. sight or stopping sight distance), the Engineer may approve the use of flagging operations. Use flagging methods that comply with the guidelines in the MUTCD.

PROJECT SPECIAL PROVISIONS

ROADWAY

NOTIFICATION OF OPERATIONS:

In accordance with Section 108-3 of the Standard Specifications, a preconstruction conference will be required prior to beginning work. The Contractor shall notify the Engineer two (2) weeks in advance of beginning work on this project. The Engineer will schedule a Preconstruction Conference prior to the proposed start date of project. The Contractor shall give the Engineer sufficient notice of all operations for any sampling, inspection or acceptance testing required. It should be noted that grading, draining, and stabilizing operations on the subject routes will be performed by Departmental Forces. All routes may not be available by the above listed date. The contractor will notify the Bridge Maintenance Office, or the Inspector at (910) 829-6345, daily of his/her intended schedule of work. This will allow the Bridge Maintenance Unit to schedule inspections accordingly.

INTERPRETATION OF QUANTITIES IN PROPOSAL FORM:

The quantities appearing in the proposal form are approximate only and are to be used for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of the various items that are completed and accepted in accordance with the terms of the contract.

PROSECUTION AND PROGRESS:

The Contractor shall pursue the work diligently with workmen in sufficient numbers, abilities, and supervision, and with equipment, materials, and methods of construction as may be required to complete the work described in the contract by the completion date and in accordance with Section 108 of the Standard Specifications.

The Contractor shall prepare and submit to the Engineer a proposed schedule of operations prior to beginning work on this project. The schedule should indicate the proposed chronological sequence of operations and may be revised within the limits of the contract with the approval of the Engineer.

No work may be performed on legal State holidays. Work shall only be performed when weather and visibility conditions allow safe operations. The Contractor's vehicles and equipment shall not be parked within the State Highway System right of way overnight or at other times when work has been suspended unless approved by the Engineer. The Engineer may designate specific locations for parking equipment.

The Contractor shall temporarily remove his equipment from the travel way for emergency vehicles and school buses as directed by the Engineer.

DRIVEWAYS AND PRIVATE PROPERTY:

The Contractor shall maintain access to driveways for all residents and property owners throughout the duration of the project. The Contractor shall not perform work for private citizens or agencies in conjunction with this project or within the project limits of this contract.

PRESERVATION OF PROPERTY:

Permanent traffic signs and mailboxes that interfere with the road construction operations are to be removed during the course of a day's work, and be reinstalled at the conclusion of each work day. The Contractor shall mark the proper location of the signs and mailboxes by placing an offset stake behind the ditch line to ensure proper replacement.

Any damage to properties, such as, but not limited to, mailboxes, fences, gates, vehicles, driveways, etc. shall immediately be restored to the previously existing condition by the contractor. No payment will be made to the Contractor for such restorative work.

DAMAGE TO EXISTING PAVEMENT, BASE, SUBGRADE AND PROPOSED PAVEMENT:

In addition to the requirements of the Standard Specifications concerning this subject, the Contractor is cautioned that he/she will be held responsible for all damages to the pavement, base, and subgrade caused by their operations, including but not limited to, rutting and shoving of the existing or proposed pavement and yielding or rutting of the existing base and subgrade.

The Contractor is cautioned to limit the weight of his/her equipment and the frequency of hauls so as to not damage the existing pavement, base, subgrade and the proposed pavement.

Any subgrade or base failures which the Contractor finds prior to the beginning of his operations or during the conditioning of the existing base are to be brought to the attention of the Engineer in writing. Repairs to those areas will be made by DOT forces. Once these deficient areas have been repaired, the requirements of this Special Provision will fully apply notification.

DAMAGE TO PLANTS:

The Contractor shall conduct his operations in such a manner as to prevent injury to trees, shrubs, grass or legume ground cover, or other types of vegetation that are to remain growing, and also to prevent damage to adjacent property.

The Contractor shall be responsible for the replacement of any plant destroyed or damaged by any operation performed by the Contractor or any subsequent subcontractor.

COOPERATION BETWEEN CONTRACTORS:

The Contractor's attention is directed to Article 105-7 of the Standard Specifications. The Contractor on this project shall cooperate with any other Contractor, or State Forces, working within or adjacent to the limits of this project to the extent that the work can be carried out to the best advantage of all concerned.

BRIDGE SWEEPING:

The bridge sweeping operation shall include the cleaning, removing or picking up by brooming or suction process or other approved method, of all foreign matter from designated bridge areas and the disposal of such matter into a state approved landfill. The designated area is a swath the entire length of the bridge adjacent to the bridge curb/rail, or barrier wall and should be approximately 10 feet wide. For divided facilities, the designated area shall also include a swath in each direction along the median, curb/rail, or barrier wall. If bridge approach and departure ends have channelization (expressway gutter, etc.) the sweeping should extend to cover this area, unless the channelization is typical of the roadway, then sweeping should extend approximately 100' in each direction of the bridge or as directed by the Engineer.

The Contractor shall furnish equipment of sufficient type, capacity, and quantity to safely and efficiently perform the sweeping work. The Contractor shall display the company name on each piece of equipment.

The Contractor must demonstrate to the satisfaction of the Engineer that the sweeping equipment to be used in the work is in good working condition and suitable for performing the work required. Sweepers used in the cleaning operation may be brush/vacuum, mechanical, or regenerative air, or may be a combination of <u>Industrial</u> types.

All sweepers shall have a minimum capacity of (4) four cubic yards and be equipped with adequate water systems for dust control. All sweepers shall be equipped with dual steering and dual brooms. All such equipment is subject to inspection and final approval by the Engineer. Such approval may require an onsite demonstration of the capability of any proposed equipment.

All vehicles used by the contractor must be performance worthy by visual and operational inspection.

Sweeper equipment shall be equipped with a revolving or strobe light and an arrow board. The revolving or strobe light shall be visible for a minimum of one (1) mile, flashing sixty to ninety times per minute, mounted for three hundred sixty degrees of visibility and equipped with amber lens. The arrow board shall be a minimum of 5'x 2.5' in size and conform to the requirements for advance warning arrow panel, Type B as specified in Section 6F.53 of the MUTCD. The arrow panel shall be mounted at a minimum distance of seven (7) feet from the roadway to the bottom of the panel.

Traffic control shall be in accordance with attached moving operation caravan drawings (see attached).

Truck Mounted Impact Attenuators (TMIAs) shall be used with each operation. The TMIA truck shall be a single axle dump truck or larger, weighing no less than 32,000 pounds. The TMIA truck shall be equipped with appropriate sized impact attenuator

mounted on the rear of the buffer vehicle and designed to minimize impact of rear-end collisions (NCHRP-350 60 MPH crash test) for both traveling public as well as the driver of the buffer vehicle. The buffer truck shall also be equipped with revolving or strobe lights and an arrow board (as required on sweeper).

Support vehicles, including safety trucks, debris transfer vehicles, pick-up trucks and any other vehicles used in sweeping operations, shall be equipped with revolving or strobe lights as required on sweeper truck.

The safety of the public and the convenience of traffic shall be regarded as prime importance.

Signs, lights, safety, truck attenuators, and other traffic control items are not a pay item, but are considered incidental to other contract items and the contractor is expected to provide these items without additional compensation.

All sweeping operations shall be accomplished "with" or in the same direction as the traffic flow. **Sweeping against or opposing the traffic "SHALL NOT" be permitted.** The sweeping operation shall not cause material to be thrown into a travel lane. Material shall not be swept across a travel lane.

The Contractor will be held responsible for all damage or injury to property of any character resulting from any act, omission, negligence, or misconduct in the prosecution of the work. When any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, negligence, or misconduct in the execution of the work, the Contractor shall either restore at his/her own expense such property to a condition similar or equal to that existing before such damage or injury was done, or shall make good such damage or injury in a manner acceptable to the owner of the damaged property and to the Department. In case of failure on the part of the Contractor to restore such property or make good such damage or injury the Department may at the Contractor's expense repair, rebuild, or otherwise restore such property in such manner, as the Engineer

Basis of payment for "Debris Removal and Sweeping" will be the contract unit price per HR.

LITTER CLEANUP & REMOVAL:

The work covered by this section includes litter clean up, recycling and removal within the State Maintained Highway System Right of Way.

The work shall include the furnishing of all tools, materials, transportation and labor necessary for the prosecution and completion of the work.

No separate payment will be made for providing, installing, and maintaining traffic control devices, etc., or for any other cost associated with maintaining the control of traffic. Traffic control will be considered incidental to the contract, and will be included in the Bid Items as listed on the Contract Bid Form.

A. CLEAN UP

The clean-up operation shall include the picking up, recycling and removing of litter and the disposal of such matter into a state approved landfill or single-stream recycling facility. Items for clean-up may consist of varied sizes of bottles, cans, paper, tires, tire pieces, lumber, vehicle parts, metal junk, brush and other items not considered normal to the right of way.

All collected litter that is small enough to be placed in a bag shall be bagged immediately. All bags and collected litter that is too large for a bag shall be placed into a vehicle and removed from the right of way at the end of each day's operation.

At no time shall bags be allowed to remain beyond the end of the work day.

If at any time an object is too large to be removed by normal means and equipment is necessary to remove object, the Contractor shall notify the Inspector, and DOT forces will remove the object.

The designated area for cleanup is the entire normal sweeping pattern of the bridge deck and areas as directed by the Engineer.

The Contractor will not be responsible for the clean-up and removal of large dead animals. If this situation is encountered, contact the Engineer.

B. RECYCLING

The Contractor's attention is directed to North Carolina General Statute 130A-309.10 (f) though (l). Per this statute, the Contractor performing litter clean up and removal shall be required to recycle. In an effort to align with efforts by the Department to recycle with litter removal, the Contractor shall participate in single-stream recycling. The Contractor shall be responsible for locating single-stream recycling facilities and utilizing them during the durations of the highway clean-up work. The Contractor shall utilize blue bags, similar to those used by the Department, for collection of materials appropriate for recycling.

C. HAZARDOUS, CONTAMINATED AND/OR TOXIC MATERIAL

When the Contractor's operations encounter or expose any abnormal condition which may indicate the presence of hazardous, contaminated, and/or toxic material, such operations shall be discontinued in the vicinity of the abnormal condition and the engineer shall be notified immediately.

D. <u>REMOVAL & DISPOSAL OF DEBRIS</u>

Removal and disposal of all materials shall be the responsibility of the Contractor. Disposal of the materials shall be done in either a public or private sanitary landfill approved by the State of North Carolina Solid Waste Management Division.

Clean up shall not be considered accepted by the Department until the original "<u>DUMPING TICKET</u>" issued to the Contractor for disposing the materials picked up during the assigned work is presented to the Department's inspector.

Work will be suspended if contractor is charged with illegal dumping. "THIS CONTRACT SHALL BE IMMEDIATELY TERMINATED IF THE CONTRACTOR IS FOUND GUILTY OF ILLEGAL DUMPING."

STOCKPILING OF DEBRIS ON THE RIGHT-OF-WAY SHALL NOT BE PERMITTED. ALL COST INVOLVED WITH THE DISPOSAL OF THE SWEPT OR PICKED UP MATERIALS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE.

Basis of payment for "Removal and Disposal of Debris" will be incidental to "Debris Removal and Sweeping".

EROSION, SILTATION, AND POLLUTION CONTROL:

The Contractor shall exercise every reasonable precaution and take all necessary measures throughout the life of the project to prevent erosion, siltation, and pollution in accordance with Section 107-12 of the 2012 Standard Specifications.

INSPECTION:

All work shall be subject to inspection by the Engineer at any time. Routinely, the Engineer will make periodic inspections of the completed work. It will be the responsibility of the Contractor to keep the Engineer informed of his proposed work plan and to submit written reports of work accomplished on a frequency to be determined by the Engineer.

PROPOSED WORK LOCATIONS:

Ident.	BRIDGE_NUM	FTR_INTRSC	F_CARRIED	COUNTY
B-12	080012	CAPE FEAR RIVER	NC11	Bladen
B-18	080018	CAPE FEAR RIVER OVERFLOW	NC11	Bladen
B-42	080042	CAPE FEAR RIVER OVERFLOW	NC11	Bladen
B-51	080051	CANAL	NC11	Bladen
B-55	080055	LYON SWAMP CANAL	NC11	Bladen
B-59	080059	COLLY CREEK	NC11	Bladen
B-67	080067	BLACK RIVER	NC11&NC53	Bladen
B-46	080046	BRYANT MILL POND	NC131	Bladen
B-27	080027	CRAWLEY SWAMP	NC131; NC410	Bladen
B-8	080008	CANAL OFF COLLY CREEK	NC210	Bladen
B-21	080021	COLLY CREEK	NC210	Bladen
B-47	080047	LAKE CREEK	NC210	Bladen
B-58	080058	CYPRESS CREEK	NC210	Bladen
B-37	080037	BROWN MARSH SWAMP	NC211	Bladen
B-48	080048	ELKTON SWAMP CREEK	NC211	Bladen
B-22	080022	BRYANT SWAMP	NC211BUS	Bladen
B-5	080005	SINGLETARY MILL BRANCH	NC242	Bladen
B-25	080025	TURNBULL CREEK	NC242	Bladen
B-44	080044	SOUTH RIVER	NC41	Bladen
B-11	080011	ELLIS CREEK	NC53	Bladen
B-43	080043	COLLY CREEK	NC53	Bladen
B-211	080211	BROWNS CREEK	NC87 BUS	Bladen
B-221	080221	REEDY MEADOW SWAMP	NC87 NBL	Bladen
B-220	080220	REEDY MEADOW SWAMP	NC87 SBL	Bladen
B-52	080052	TURN BULL CREEK	US701,NC 4, NC 53	Bladen
B-45	080045	CAPE FEAR RIVER O	US701,NC41	Bladen
B-199	080199	CAPE FEAR RIVER O	US701,NC41	Bladen
B-200	080200	CAPE FEAR RIVER O	US701,NC41	Bladen
B-16	080016	CAPE FEAR RIVER	US701,NC41&242	Bladen
B-17	080017	CAPE FEAR RIVER	US701,NC41,NC242	Bladen
B-54	080054	TURN BULL CREEK	US701,NC41,NC53	Bladen
B-30	080030	CAPE FEAR RIVER OVERFLOW	US701NBL/NC41EB	Bladen
B-3	080003	BROWNS CREEK	US701	Bladen
B-66	080066	LONG BRANCH	US701	Bladen
B-68	080068	LONG BRANCH	US701	Bladen
B-69	080069	SOUTH RIVER	US701	Bladen
B-188	080188	CAPE FEAR RIVER	SR1316	Bladen
B-189	080189	CAPE FEAR RIVER O`FLOW	SR1316	Bladen
B-125	080125	HARRISON'S CREEK	SR1318	Bladen
B-122	080122	HARRISON CREEK	SR1320	Bladen
Ident.	BRIDGE_NUM	FTR_INTRSC	F_CARRIED	COUNTY
B-408	230408	US74/76	NC 211	Columbus

	T			T
B-10	230010	WACCAMAW RIVER OV	NC130	Columbus
1	I	1	1	I
B-25	230025	WACCAMAW RIVER OV	NC130	Columbus
B-49	230049	WACCAMAW RIVER OV	NC130	Columbus
B-63	230063	WACCAMAW RIVER OV	NC130	Columbus
B-72	230072	WACCAMAW RIVER	NC130	Columbus
B-62	230062	BOGUE SWAMP BRANCH	NC214	Columbus
B-68	230068	GREEN SWAMP	NC214	Columbus
B-77	230077	GREEN SWAMP	NC214	Columbus
B-82	230082	GREEN SWAMP	NC214	Columbus
B-12	230012	PORTER SWAMP	NC242	Columbus
B-23	230023	BRIER CREEK	NC242	Columbus
B-411	230411	US74/NC130	NC242	Columbus
B-13	230013	BEAVERDAM SWAMP	NC410	Columbus
B-400	230400	US74-NC130	NC410	Columbus
B-14	230014	LIVINGSTON CREEK	NC87	Columbus
B-22	230022	CSX RR	NC87	Columbus
B-9	230009	WACCAMAW RIVER	NC904	Columbus
B-20	230020	WHISKEY SWAMP	NC904	Columbus
B-44	230044	JUNIPER SWAMP	NC904	Columbus
B-66	230066	TOM'S FORK CREEK	NC904	Columbus
B-70	230070	GAPWAY SWAMP CREEK	NC904	Columbus
B-79	230079	FLOOD CONTROL CANAL	NC904	Columbus
B-48	230048	SEVEN CREEKS	NC905	Columbus
B-3	230003	MOLLIE BRANCH	US701 BUS	Columbus
B-19	230019	PINELOG SWAMP	US701 BYP	Columbus
B-17	230017	US74BYP/US76BYP	US701BUS	Columbus
B-42	230042	CITY STREET &CSX	US701BYP	Columbus
B-384	230384	FRIAR SWAMP	US74 & 76 EBL	Columbus
B-386	230386	FRIAR SWAMP	US74 & 76 EBL	Columbus
B-388	230388	FRIAR SWAMP	US74 & 76 EBL	Columbus
B-383	230383	FRIAR SWAMP	US74 & 76 WBL	Columbus
B-385	230385	FRIAR SWAMP	US74 & 76 WBL	Columbus
B-397	230397	LUMBER RIVER	US74 EBL	Columbus
B-398	230398	LUMBER RIVER	US74 EBL	Columbus
B-4	230004	LUMBER RIVER OVERFLOW	US74 WBL	Columbus
B-18	230018	LUMBER RIVER OVERFLOW	US74 WBL	Columbus
B-381	230381	SR1700	US74/76 EB	Columbus
B-381	230381	SR1700	US74/76 WB	Columbus
B-382 B-387	230382	FRIAR SWAMP	US74/76 WBL	Columbus
B-567 B-55	230055	WHITE MARSH SWAMP	US74/76BUS	Columbus
B-53 B-53	230053	WHITE MARSH SWAMP	US74/76EBL	Columbus
B-53 B-51	230053	US701 BYP	US74/US76 BYP EBL	Columbus
			·	
B-83	230083	LIVINGSTON CREEK	US74/US76 EBL	Columbus
B-54	230054	WHITE MARSH SWAMP	US74/US76 WBL	Columbus

B-86	230086	LIVINGSTON CREEK	US74/US76 WBL	Columbus
B-52	230052	US701BYP	US74/US76BYP WBL	Columbus
B-5	230005	GAPWAY SWAMP	US76	Columbus
B-15	230015	SCLRR	US76	Columbus
B-40	230040	PORTER SWAMP	US76	Columbus
B-56	230056	US74	US76 WBL	Columbus
Ident.	BRIDGE_NUM	FTR_INTRSC	F_CARRIED	COUNTY
B-510	770510	US301	I-95	ROBESON
B-10	770010	US301 & US501	I95 NBL	ROBESON
B-106	770106	SR2457	I95 NBL	ROBESON
B-144	770144	SR1541 & CSXRR	I95 NBL	ROBESON
B-146	770146	LUMBER RIVER	I95 NBL	ROBESON
B-156	770156	BIG MARSH SWAMP	I95 NBL	ROBESON
B-164	770164	LITTLE MARSH SWAMP	I95 NBL	ROBESON
B-107	770107	SR2457	I95 SBL	ROBESON
B-145	770145	SR1541 & CSXRR	I95 SBL	ROBESON
B-147	770147	LUMBER RIVER	I95 SBL	ROBESON
B-158	770158	BIG MARSH SWAMP	I95 SBL	ROBESON
B-160	770160	NC20	I95 SBL	ROBESON
B-165	770165	LITTLE MARSH SWAMP	I95 SBL	ROBESON
B-12	770012	US301/501	I-95 SBL	ROBESON
B-159	770159	NC20	I95NBL	ROBESON
B-4	770004	195	NC130	ROBESON
B-21	770021	ASHPOLE SWAMP	NC130	ROBESON
B-65	770065	OLD FIELD SWAMP	NC130	ROBESON
B-81	770081	HOG SWAMP	NC130	ROBESON
B-24	770024	CSX RR	NC20	ROBESON
B-51	770051	GALLBERRY SWAMP	NC20	ROBESON
B-18	770018	CSX RR	NC211	ROBESON
B-45	770045	RAFT SWAMP	NC211	ROBESON
B-102	770102	195	NC211	ROBESON
B-111	770111	BIG SWAMP	NC211	ROBESON
B-137	770137	BIG SWAMP OVERFLOW	NC211	ROBESON
B-139	770139	BIG SWAMP	NC211	ROBESON
B-27	770027	ASHPOLE SWAMP	NC41	ROBESON
B-42	770042	ASHPOLE SWAMP	NC41	ROBESON
B-63	770063	ASHPOLE SWAMP	NC41	ROBESON
B-77	770077	OLD FIELD SWAMP	NC41	ROBESON
B-129	770129	BIG SWAMP	NC41	ROBESON
B-138	770138	BIG SWAMP OVERFLOW	NC41	ROBESON
B-141	770141	BIG SWAMP OVERFLOW	NC41	ROBESON
B-446	770446	GUM SWAMP BRANCH	NC41	ROBESON
B-125	770125	LUMBER RIVER	NC41/72	ROBESON
B-16	770016	LUMBER RIVER	NC71	ROBESON

B-58 770058 BIG MARSH SWAMP NC71 ROBESON B-84 770048 LITTLE RAFT SWAMP NC710 ROBESON B-17 770017 BACK SWAMP NC710 ROBESON B-56 770076 TURKEY BRANCH CANAL NC710 ROBESON B-76 770019 BEAR CREEK NC711 ROBESON B-19 770019 BEAR CREEK NC711 ROBESON B-25 770025 195 NC72 ROBESON B-25 770026 RICHLAND SWAMP NC72 ROBESON B-43 7700439 LUMBER RIVER NC72 ROBESON B-430 770040 JACOB'S CREEK NC72 ROBESON B-43 770041 JACOB'S CREEK NC72 ROBESON B-44 770044 JACOB'S CREEK NC83 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-52		<u> </u>			
B-48 770048 LITTLE RAFT SWAMP NC718NC211 ROBESON B-17 770017 BACK SWAMP NC710 ROBESON B-56 770056 TURKEY BRANCH CANAL NC710 ROBESON B-76 770076 LUMBER RIVER NC711 ROBESON B-19 770019 BEAR CREEK NC711 ROBESON B-25 770025 195 NC72 ROBESON B-62 770062 RICHLAND SWAMP NC72 ROBESON B-439 770439 LUMBER RIVER NC72 ROBESON B-430 770440 JACOB'S CREEK NC72 ROBESON B-431 770043 LUMBER RIVER NC72 ROBESON B-28 770028 LEACH CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-52 770057 SHOE HEEL CREEK NC83 ROBESON B-52	B-58	770058	BIG MARSH SWAMP	NC71	ROBESON
B-17 770017 BACK SWAMP NC710 ROBESON B-56 770056 TURKEY BRANCH CANAL NC710 ROBESON B-76 770076 LUMBER RIVER NC710 ROBESON B-19 770019 BEAR CREEK NC711 ROBESON B-25 770025 195 NC72 ROBESON B-439 770040 JACOB'S CREEK NC72 ROBESON B-439 770440 JACOB'S CREEK NC72 ROBESON B-43 770043 LUMBER RIVER NC72 ROBESON B-43 770043 LUMBER RIVER NC83 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-52 770052 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 <td></td> <td></td> <td></td> <td></td> <td></td>					
B-56 770076 TURKEY BRANCH CANAL NC710 ROBESON B-76 770076 LUMBER RIVER NC710 ROBESON B-19 770019 BEAR CREEK NC711 ROBESON B-25 770025 195 NC72 ROBESON B-439 770439 LUMBER RIVER NC72 ROBESON B-439 770439 LUMBER RIVER NC72 ROBESON B-440 7704040 JACOB'S CREEK NC72 ROBESON B-43 770043 LUMBER RIVER NC72 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-47 770045 LUMBER RIVER NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-1	B-48	770048	LITTLE RAFT SWAMP	NC71&NC211	ROBESON
B-76 770076	B-17	770017	BACK SWAMP	NC710	ROBESON
B-19 770019 BEAR CREEK NC711 ROBESON B-25 770025 195 NC72 ROBESON B-62 770062 RICHLAND SWAMP NC72 ROBESON B-43 770440 JACOB'S CREEK NC72 ROBESON B-43 770043 LUMBER RIVER NC72 ROBESON B-28 770028 LEACH CREEK NC83 ROBESON B-28 770028 LEACH CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-52 770051 LUMBER RIVER OVER NC904 ROBESON B-52 770052 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-105 77013 ASHPOLE SWAMP NC904 ROBESON B-36 <td>B-56</td> <td>770056</td> <td>TURKEY BRANCH CANAL</td> <td>NC710</td> <td>ROBESON</td>	B-56	770056	TURKEY BRANCH CANAL	NC710	ROBESON
B-25 770025 I95 NC72 ROBESON B-62 770062 RICHLAND SWAMP NC72 ROBESON B-439 770439 LUMBER RIVER NC72 ROBESON B-440 770440 JACOB'S CREEK NC72 ROBESON B-43 770043 LUMBER RIVER NC72 & NC711 ROBESON B-44 770028 LEACH CREEK NC83 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-52 770051 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-133 770113 ASHPOLE SWAMP NC904 ROBESON B-134 770013 ASHPOLE SWAMP NC904 ROBESON	B-76	770076	LUMBER RIVER	NC710	ROBESON
B-62 770062 RICHLAND SWAMP NC72 ROBESON B-439 770439 LUMBER RIVER NC72 ROBESON B-440 770440 JACOB'S CREEK NC72 ROBESON B-43 770043 LUMBER RIVER NC72 & NC711 ROBESON B-28 770028 LEACH CREEK NC83 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-57 770051 SHOE HEEL CREEK NC83 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-52 770052 LUMBER RIVER OVERFLOW NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-113 770105 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON	B-19	770019	BEAR CREEK	NC711	ROBESON
B-439 770439 LUMBER RIVER NC72 ROBESON B-440 770440 JACOB'S CREEK NC72 ROBESON B-43 770043 LUMBER RIVER NC72 & NC711 ROBESON B-28 770028 LEACH CREEK NC83 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-51 770031 LUMBER RIVER NC904 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-13 770105 ASHPOLE SWAMP NC904 ROBESON B-13 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON <t< td=""><td>B-25</td><td>770025</td><td>195</td><td>NC72</td><td>ROBESON</td></t<>	B-25	770025	195	NC72	ROBESON
B-440 770440 JACOB'S CREEK NC72 ROBESON B-43 770043 LUMBER RIVER NC72 & NC711 ROBESON B-28 770028 LEACH CREEK NC83 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-51 770031 LUMBER RIVER NC904 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-133 770113 ASHPOLE SWAMP NC904 ROBESON B-140 770036 195 US301 ROBESON B-36 770036 195 US301 ROBESON B-100 770100 195 US301 ROBESON B-170 <td>B-62</td> <td>770062</td> <td>RICHLAND SWAMP</td> <td>NC72</td> <td>ROBESON</td>	B-62	770062	RICHLAND SWAMP	NC72	ROBESON
B-43 770043 LUMBER RIVER NC72 & NC711 ROBESON B-28 770028 LEACH CREEK NC83 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-51 770051 LUMBER RIVER NC904 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON B-34 770054 I95 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 I95 US301 ROBESON B-39 <td>B-439</td> <td>770439</td> <td>LUMBER RIVER</td> <td>NC72</td> <td>ROBESON</td>	B-439	770439	LUMBER RIVER	NC72	ROBESON
B-28 770028 LEACH CREEK NC83 ROBESON B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-31 770031 LUMBER RIVER NC904 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-105 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 195 US301 ROBESON B-36 770036 195 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 195 US301 ROBESON B-191 770119 LITTLE MARSH SWAMP US301 ROBESON B-29 <td>B-440</td> <td>770440</td> <td>JACOB'S CREEK</td> <td>NC72</td> <td>ROBESON</td>	B-440	770440	JACOB'S CREEK	NC72	ROBESON
B-44 770044 SHOE HEEL CREEK NC83 ROBESON B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-31 770031 LUMBER RIVER NC904 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-13 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON B-34 770054 I95 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-19 770110 I95 US301 ROBESON B-19 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 </td <td>B-43</td> <td>770043</td> <td>LUMBER RIVER</td> <td>NC72 & NC711</td> <td>ROBESON</td>	B-43	770043	LUMBER RIVER	NC72 & NC711	ROBESON
B-57 770057 SHOE HEEL CREEK NC83 ROBESON B-31 770031 LUMBER RIVER NC904 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-113 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON B-54 770054 I95 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 I95 US301 ROBESON B-191 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-	B-28	770028	LEACH CREEK	NC83	ROBESON
B-31 770031 LUMBER RIVER NC904 ROBESON B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-113 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON B-54 770054 I95 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 I95 US301 ROBESON B-19 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-14 770014 CSX RR US74 ROBESON B-55	B-44	770044	SHOE HEEL CREEK	NC83	ROBESON
B-52 770052 LUMBER RIVER OVER NC904 ROBESON B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-13 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON B-54 770054 I95 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 I95 US301 ROBESON B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US74 ROBESON B-14 77014 CSX RR US74 ROBESON B-476	B-57	770057	SHOE HEEL CREEK	NC83	ROBESON
B-69 770069 LUMBER RIVER OVERFLOW NC904 ROBESON B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-113 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON B-54 770054 I95 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 I95 US301 ROBESON B-19 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-41 770014 CSX RR US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-476	B-31	770031	LUMBER RIVER	NC904	ROBESON
B-87 770087 LUMBER RIVER OVERFLOW NC904 ROBESON B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-113 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 195 US301 ROBESON B-54 770054 195 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 195 US301 ROBESON B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 195 US74 ROBESON B-476 770476 US74 US74 EB ROBESON B-479 770477 </td <td>B-52</td> <td>770052</td> <td>LUMBER RIVER OVER</td> <td>NC904</td> <td>ROBESON</td>	B-52	770052	LUMBER RIVER OVER	NC904	ROBESON
B-105 770105 ASHPOLE SWAMP NC904 ROBESON B-113 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 195 US301 ROBESON B-54 770054 195 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 195 US301 ROBESON B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 195 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-470 770070 NC41 US74 EBL ROBESON B-466 770466	B-69	770069	LUMBER RIVER OVERFLOW	NC904	ROBESON
B-113 770113 ASHPOLE SWAMP NC904 ROBESON B-36 770036 I95 US301 ROBESON B-54 770054 I95 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 I95 US301 ROBESON B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 I95 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EBL ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMB	B-87	770087	LUMBER RIVER OVERFLOW	NC904	ROBESON
B-36 770036 195 US301 ROBESON B-54 770054 195 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 195 US301 ROBESON B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 195 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 195 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL/NC130EBL ROBESON B-479 770479	B-105	770105	ASHPOLE SWAMP	NC904	ROBESON
B-54 770054 I95 US301 ROBESON B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 I95 US301 ROBESON B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 I95 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL/NC130EBL ROBESON B-72 770072	B-113	770113	ASHPOLE SWAMP	NC904	ROBESON
B-91 770091 BIG MARSH SWAMP US301 ROBESON B-100 770100 195 US301 ROBESON B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 195 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 195 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110	B-36	770036	195	US301	ROBESON
B-100 770100 I95 US301 ROBESON B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 I95 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER US74 WBL ROBESON B-478 770478<	B-54	770054	195	US301	ROBESON
B-119 770119 LITTLE MARSH SWAMP US301 ROBESON B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 I95 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON	B-91	770091	BIG MARSH SWAMP	US301	ROBESON
B-39 770039 SHOE HEEL CREEK US501 ROBESON B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 I95 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL/NC130EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-4	B-100	770100	195	US301	ROBESON
B-67 770067 SHOE HEEL CREEK US501 ROBESON B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 I95 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33	B-119	770119	LITTLE MARSH SWAMP	US301	ROBESON
B-29 770029 WILKINSON SWAMP US501/NC130 ROBESON B-14 770014 CSX RR US74 ROBESON B-55 770055 I95 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-431 770452 NC71 US74BYP EB ROBESON B-452	B-39	770039	SHOE HEEL CREEK	US501	ROBESON
B-14 770014 CSX RR US74 ROBESON B-55 770055 195 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 195 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL/NC130EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-431 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454	B-67	770067	SHOE HEEL CREEK	US501	ROBESON
B-55 770055 I95 US74 ROBESON B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-29	770029	WILKINSON SWAMP	US501/NC130	ROBESON
B-476 770476 US74 US74 BUS ROBESON B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-14	770014	CSX RR	US74	ROBESON
B-487 770487 I95 US74 EB ROBESON B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-55	770055	195	US74	ROBESON
B-70 770070 NC41 US74 EBL ROBESON B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-476	770476	US74	US74 BUS	ROBESON
B-466 770466 LUMBER RIVER US74 EBL ROBESON B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-487	770487	195	US74 EB	ROBESON
B-479 770479 NC710 US74 EBL ROBESON B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-70	770070	NC41	US74 EBL	ROBESON
B-465 770465 LUMBER RIVER OVERFLOW US74 EBL/NC130EBL ROBESON B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-466	770466	LUMBER RIVER	US74 EBL	ROBESON
B-72 770072 NC41 US74 WBL ROBESON B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-479	770479	NC710	US74 EBL	ROBESON
B-110 770110 LUMBER RIVER OVERFLOW US74 WBL ROBESON B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-465	770465	LUMBER RIVER OVERFLOW	US74 EBL/NC130EBL	ROBESON
B-118 770118 LUMBER RIVER US74 WBL ROBESON B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-72	770072	NC41	US74 WBL	ROBESON
B-478 770478 NC710 US74 WBL ROBESON B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-110	770110	LUMBER RIVER OVERFLOW	US74 WBL	ROBESON
B-33 770033 BACK SWAMP CREEK US74ALT ROBESON B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-118	770118	LUMBER RIVER	US74 WBL	ROBESON
B-452 770452 NC71 US74BYP EB ROBESON B-454 770454 CSX R/R US74BYP EB ROBESON	B-478	770478	NC710	US74 WBL	ROBESON
B-454 770454 CSX R/R US74BYP EB ROBESON	B-33	770033	BACK SWAMP CREEK	US74ALT	ROBESON
	B-452	770452	NC71	US74BYP EB	ROBESON
B-456 770456 CSX R/R US74BYP EB ROBESON	B-454	770454	CSX R/R	US74BYP EB	ROBESON
	B-456	770456	CSX R/R	US74BYP EB	ROBESON

	T			Т
B-481	770481	CSX RAILROAD	US74BYP EBL	ROBESON
B-453	770453	NC71	US74BYP WB	ROBESON
B-455	770455	CSX R/R	US74BYP WB	ROBESON
B-457	770457	CSX R/R	US74BYP WB	ROBESON
B-480	770480	CSX RAILROAD	US74BYP WBL	ROBESON
B-486	770486	195	US74WBL	ROBESON
B-34	770034	CSX RR	SR1001	ROBESON
B-64	770064	BIG SWAMP	SR1002	ROBESON
B-130	770130	195	SR1003	ROBESON
B-180	770180	LUMBER RIVER	SR1003	ROBESON
B-225	770225	BEAR SWAMP	SR1003	ROBESON
B-434	770434	BACK SWAMP	SR1003	ROBESON
B-441	770441	BURNT SWAMP	SR1003	ROBESON
B-483	770483	US74	SR1003	ROBESON
B-46	770046	BIG SWAMP	SR1004	ROBESON
B-50	770050	BIG SWAMP OVERFLOW	SR1004	ROBESON
B-30	770030	COLD CAMP CREEK	SR1005	ROBESON
B-275	770275	TEN MILE SWAMP	SR1005	ROBESON
B-154	770154	195	SR1006	ROBESON
B-170	770170	SHOE HILL CREEK	SR1101	ROBESON
B-149	770149	WATERING HOLE SWAMP	SR1122	ROBESON
B-163	770163	SHOE HILL CREEK	SR1131	ROBESON
B-166	770166	SHOE HEEL CREEK	SR1131	ROBESON
B-407	770407	WILKINSON SWAMP	SR1136	ROBESON
B-143	770143	ASHPOLE SWAMP	SR1146	ROBESON
B-96	770096	195	SR1155	ROBESON
B-482	770482	US74	SR1155	ROBESON
B-432	770432	BACK SWAMP CANAL	SR1157	ROBESON
B-433	770433	BACK SWAMP	SR1160	ROBESON
B-172	770172	BACK SWAMP	SR1164	ROBESON
B-484	770484	US74	SR1164	ROBESON
B-477	770477	US74	SR1166	ROBESON
B-418	770418	WILKINSON SWAMP	SR1175	ROBESON
B-380	770380	WILKINSON SWAMP	SR1183	ROBESON
B-13	770013	BACK SWAMP CREEK	SR1207	ROBESON
B-485	770485	US74	SR1207	ROBESON
B-40	770040	RICHLAND SWAMP	SR1303	ROBESON
B-155	770155	LUMBER RIVER OVER	SR1303	ROBESON
B-157	770157	LUMBER RIVER	SR1303	ROBESON
B-223	770223	GUM SWAMP	SR1303	ROBESON
B-447	770447	US74 BYP.	SR1303	ROBESON
B-205	770205	GUM SWAMP	SR1312	ROBESON
B-233	770233	BIG RAFT SWAMP	SR1318	ROBESON
B-238	770238	RICHLAND SWAMP	SR1318	ROBESON
B-413	770413	WATSONS POND	SR1323	ROBESON
			· · · · · · · · · · · · · · · · · · ·	•

B-197 7 B-221 7 B-203 7 B-153 7 B-37 7 B-38 7	70414 70197 70221 70203 70153 70037 70038 70231	WATSONS POND BEAR SWAMP GUM SWAMP LUMBER RIVER LUMBER RIVER BIG RAFT SWAMP	SR1323 SR1339 SR1352 SR1354 SR1393	ROBESON ROBESON ROBESON
B-221 7' B-203 7' B-153 7' B-37 7' B-38 7'	70221 70203 70153 70037 70038	GUM SWAMP LUMBER RIVER LUMBER RIVER	SR1352 SR1354	ROBESON ROBESON
B-203 7 B-153 7 B-37 7 B-38 7	70203 70153 70037 70038	LUMBER RIVER LUMBER RIVER	SR1354	ROBESON
B-153 7 B-37 7 B-38 7	70153 70037 70038	LUMBER RIVER		
B-37 7 B-38 7	70037 70038		SR1393	
B-38 7	70038	BIG RAFT SWAMP		ROBESON
			SR1505	ROBESON
B-231 7	70231	LITTLE RAFT SWAMP	SR1505	ROBESON
	, 5231	RICHLAND SWAMP CREEK	SR1509	ROBESON
B-228 7	70228	BURNT SWAMP	SR1513	ROBESON
B-239 7	70239	BURNT SWAMP	SR1515	ROBESON
B-369 7	70369	RICHLAND SWAMP	SR1515	ROBESON
B-207 7	70207	HOLLY SWAMP	SR1527	ROBESON
B-210 7	70210	SADDLETREE SWAMP	SR1527	ROBESON
B-211 7	70211	RAFT SWAMP	SR1527	ROBESON
B-151 7	70151	195	SR1529	ROBESON
B-299 7	70299	SADDLE TREE SWAMP	SR1529	ROBESON
B-300 7	70300	SADDLE TREE SWAMP	SR1529	ROBESON
B-148 7	70148	195	SR1536	ROBESON
B-430 7	70430	LUMBER RIVER	SR1539	ROBESON
B-173 7	70173	LUMBER RIVER	SR1550	ROBESON
B-174 7	70174	LUMBER RIVER OVERFLOW	SR1550	ROBESON
B-200 7	70200	BEAR SWAMP	SR1550	ROBESON
B-201 7	70201	LUMBER RIVER OVERFLOW	SR1554	ROBESON
B-202 7	70202	LUMBER RIVER	SR1554	ROBESON
B-442 7	70442	BACK SWAMP	SR1589	ROBESON
B-175 7	70175	LUMBER RIVER	SR1600	ROBESON
B-320 7	70320	LITTLE MARSH SWAMP	SR1709	ROBESON
B-169 7	70169	195	SR1718	ROBESON
B-6 7	70006	COLD SWAMP CREEK	SR1723	ROBESON
	70167	195	SR1723	ROBESON
	70003	LITTLE MARSH SWAMP	SR1725	ROBESON
	70162	195	SR1726	ROBESON
B-302 7	70302	LITTLE MARSH SWAMP	SR1731	ROBESON
B-399 7	70399	BIG MARSH SWAMP	SR1741	ROBESON
	70400	BIG MARSH SWAMP	SR1741	ROBESON
	70011	BIG MARSH SWAMP	SR1743	ROBESON
	70035	BIG MARSH SWAMP	SR1750	ROBESON
	70009	TEN MILE SWAMP	SR1758	ROBESON
	70152	195	SR1758	ROBESON
	70213	SADDLE TREE CREEK	SR1766	ROBESON
	70217	LITTLE RAFT SWAMP	SR1776	ROBESON
	70314	LITTLE RAFT SWAMP	SR1780	ROBESON
	70007	COLD CAMP CREEK	SR1907	ROBESON
	70023	LITTLE MARSH SWAMP	SR1907	ROBESON
	70020	BIG MARSH SWAMP	SR1916	ROBESON

B-59 770059 BIG MARSH SWAMP SR1924 ROBESON B-61 770061 TEN MILE SWAMP SR1935 ROBESON B-26 770026 TEN MILE SWAMP SR1955 ROBESON B-435 7700435 JACKSON SWAMP SR2101 ROBESON B-422 770422 JACKSON SWAMP SR2105 ROBESON B-422 7700422 JACKSON SWAMP SR2105 ROBESON B-410 770041 SWAMP SR2105 ROBESON B-66 770066 LUMBER RIVER SR2121 ROBESON B-68 770066 LUMBER RIVER SR2121 ROBESON B-68 770068 LUMBER RIVER OVERFLOW SR2121 ROBESON B-71 770071 GUM SWAMP SR2121 ROBESON B-71 770071 GUM SWAMP SR2121 ROBESON B-71 770073 LUMBER RIVER SR2123 ROBESON B-70 770075 LUMBER RIVER SR2123 ROBESON B-79 770079 HOG SWAMP SR2204 ROBESON B-79 770079 HOG SWAMP SR2200 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-88 770078 MILL SWAMP CREEK SR2220 ROBESON B-88 770078 MILL SWAMP CREEK SR2220 ROBESON B-88 770078 MILS SWAMP SR2225 ROBESON B-89 770079 HOG SWAMP SR2230 ROBESON B-89 770079 HOG SWAMP SR2231 ROBESON B-89 770079 HOG SWAMP SR2230 ROBESON B-89 770079 HOG SWAMP SR2230 ROBESON B-89 770079 HOG SWAMP SR2231 ROBESON B-89 770079 HOG SWAMP SR2231 ROBESON B-89 770079 HOG SWAMP SR2231 ROBESON B-89 770079 HOG SWAMP SR2230 ROBESON B-89 770079 HOG SWAMP SR2231 ROBESON B-91 770079 HOG SWAMP SR2230 ROBESON B-91 770079 HOG SWAMP SR2230 ROBESON B-91 770079 HOG SWAMP SR2230 ROBESON B-91 770079 HOG SWAMP SR2242 ROBESON B-91 770079 HOG SWAMP SR2255 ROBESON B-91 770070 ASHPOLE SWAMP SR2256 ROBESON B-91 770017 HOG SWAMP SR2258 ROBESON B-91 770018 INDIAN SWAMP SR2259 ROBESON B-91 770018 INDIAN SWAMP SR2259 ROBESON B-91 770019 JACOB SWAMP SR2260 ROBESON B-91 770011 HOG SWAMP SR2260 ROBESON B-91 770011 JACOB SWAMP SR2255 ROBESON B-91 770011 JACOB SWAMP SR2455 ROBESON B-91 770014 ASHPOLE SWAMP SR2455 ROBESON B-91 770014 ASHPOLE SWAMP SR2455				T	T
B-26 770026 TEN MILE SWAMP SR1955 ROBESON B-435 770435 JACKSON SWAMP SR2101 ROBESON B-422 770422 JACKSON SWAMP SR2105 ROBESON B-41 770041 SWAMP SR2115 ROBESON B-66 770066 LUMBER RIVER SR2121 ROBESON B-68 770068 LUMBER RIVER SR2121 ROBESON B-71 770071 GUM SWAMP SR2121 ROBESON B-70 770276 LUMBER RIVER SR2123 ROBESON B-103 770103 LUMBER RIVER SR2202 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-79 770079 HOG SWAMP SR2220 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-78 770078 MILL SWAMP SR2225 ROBESON B-88 770088 HOG SWAMP SR2225 ROBESON B-894					
B-435 770435 JACKSON SWAMP SR2105 ROBESON B-422 770422 JACKSON SWAMP SR2105 ROBESON B-41 770041 SWAMP SR2115 ROBESON B-66 770066 LUMBER RIVER SR2121 ROBESON B-68 770068 LUMBER RIVER OVERFLOW SR2121 ROBESON B-71 770071 GUM SWAMP SR2121 ROBESON B-726 770276 LUMBER RIVER SR2123 ROBESON B-103 770103 LUMBER RIVER SR2202 ROBESON B-73 770073 JACOBS SWAMP SR2204 ROBESON B-79 770079 HOS SWAMP SR2209 ROBESON B-79 770079 HOS SWAMP SR2220 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-114 770114 INDIAN SWAMP SR2225 ROBESON B-88 770088 HOG SWAMP SR2230 ROBESON B-279<					
B-422 770422 JACKSON SWAMP SR2105 ROBESON B-41 770041 SWAMP SR2115 ROBESON B-66 770066 LUMBER RIVER SR2121 ROBESON B-68 770068 LUMBER RIVER OVERFLOW SR2121 ROBESON B-71 770071 GUM SWAMP SR2121 ROBESON B-726 770276 LUMBER RIVER SR2123 ROBESON B-103 770103 LUMBER RIVER SR2202 ROBESON B-73 770073 JACOBS SWAMP SR2204 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-78 770079 MILL SWAMP CREEK SR2220 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-88 770088 HOG SWAMP SR22230 ROBESON B-94 770094 OLD FIELD SWAMP SR22237 ROBESON					
B-41 770041 SWAMP SR2115 ROBESON B-66 770066 LUMBER RIVER SR2121 ROBESON B-68 770068 LUMBER RIVER OVERFLOW SR2121 ROBESON B-71 770071 GUM SWAMP SR2121 ROBESON B-76 770276 LUMBER RIVER SR2123 ROBESON B-103 770103 LUMBER RIVER SR2202 ROBESON B-73 770073 JACOBS SWAMP SR2204 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-78 770078 MILLSWAMP CREEK SR2220 ROBESON B-78 770078 MILLSWAMP CREEK SR2220 ROBESON B-114 770114 INDIAN SWAMP SR2225 ROBESON B-84 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-12<					
B-66 770066 LUMBER RIVER SR2121 ROBESON B-68 770068 LUMBER RIVER OVERFLOW SR2121 ROBESON B-71 770071 GUM SWAMP SR2121 ROBESON B-71 770073 LUMBER RIVER SR2123 ROBESON B-103 770103 LUMBER RIVER SR2202 ROBESON B-73 770073 JACOBS SWAMP SR2204 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-79 770079 HOG SWAMP SR2200 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-78 770078 MILL SWAMP CREEK SR2225 ROBESON B-14 770114 INDIAN SWAMP SR2237 ROBESON B-84 770088 HOG SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2237 ROBESON B-212 770127 HOG SWAMP SR2255 ROBESON B-124	B-422		JACKSON SWAMP	SR2105	ROBESON
B-68 770068 LUMBER RIVER OVERFLOW SR2121 ROBESON B-71 770071 GUM SWAMP SR2121 ROBESON B-276 770276 LUMBER RIVER SR2123 ROBESON B-103 770103 LUMBER RIVER SR2202 ROBESON B-73 770073 JACOBS SWAMP SR2204 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-490 770490 US74 SR2210 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-84 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2221 ROBESON B-294 770094 DL FIELD SWAMP SR2221 ROBESON B-257 770279 HOG SWAMP SR2221 ROBESON B-112 770112 INDIAN SWAMP SR2225 ROBESON <td< td=""><td>B-41</td><td>770041</td><td>SWAMP</td><td>SR2115</td><td>ROBESON</td></td<>	B-41	770041	SWAMP	SR2115	ROBESON
B-71 770071 GUM SWAMP SR2121 ROBESON B-276 770276 LUMBER RIVER SR2123 ROBESON B-103 770103 LUMBER RIVER SR2202 ROBESON B-73 770073 JACOBS SWAMP SR2209 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-490 770490 US74 SR2210 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-14 770114 INDIAN SWAMP SR2225 ROBESON B-84 770088 HOG SWAMP SR2237 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-85 770085 SWAMP SR2242 ROBESON B-12 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2258 ROBESON B-265 770265	B-66	770066	LUMBER RIVER	SR2121	ROBESON
B-276 770276 LUMBER RIVER SR2123 ROBESON B-103 770103 LUMBER RIVER SR2202 ROBESON B-73 770073 JACOBS SWAMP SR2204 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-490 7700490 US74 SR2210 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-114 770114 INDIAN SWAMP SR2225 ROBESON B-84 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-294 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-112 770112 INDIAN SWAMP SR2255 ROBESON B-265 770298 CANAL SR2256 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116	B-68	770068	LUMBER RIVER OVERFLOW	SR2121	ROBESON
B-103 770103 LUMBER RIVER SR2202 ROBESON B-73 770073 JACOBS SWAMP SR2204 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-490 770490 US74 SR2210 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-88 770088 HOG SWAMP SR2237 ROBESON B-84 770084 OLD FIELD SWAMP SR2237 ROBESON B-294 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2242 ROBESON B-285 770085 SWAMP SR2255 ROBESON B-121 770112 INDIAN SWAMP SR2255 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-16 77016 HOG SWAMP SR2262 ROBESON B-116	B-71	770071	GUM SWAMP	SR2121	ROBESON
B-73 770073 JACOBS SWAMP SR2204 ROBESON B-79 770079 HOG SWAMP SR2209 ROBESON B-490 770490 US74 SR2210 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-114 770114 INDIAN SWAMP SR2225 ROBESON B-88 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-85 77085 SWAMP SR2242 ROBESON B-122 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770117 HOG SWAMP SR2262 ROBESON B-108 77	B-276	770276	LUMBER RIVER	SR2123	ROBESON
B-79 770079 HOG SWAMP SR2209 ROBESON B-490 770490 US74 SR2210 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-114 770114 INDIAN SWAMP SR2225 ROBESON B-88 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-85 7700279 HOG SWAMP SR2241 ROBESON B-85 770085 SWAMP SR2242 ROBESON B-122 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-265 770270 ASHPOLE SWAMP SR2262 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2269 ROBESON B-131 770	B-103	770103	LUMBER RIVER	SR2202	ROBESON
B-490 770490 US74 SR2210 ROBESON B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-114 770114 INDIAN SWAMP SR2225 ROBESON B-88 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-85 770085 SWAMP SR2242 ROBESON B-112 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-115 770118 INDIAN SWAMP SR2272 ROBESON B-149 <td< td=""><td>B-73</td><td>770073</td><td>JACOBS SWAMP</td><td>SR2204</td><td>ROBESON</td></td<>	B-73	770073	JACOBS SWAMP	SR2204	ROBESON
B-78 770078 MILL SWAMP CREEK SR2220 ROBESON B-114 770114 INDIAN SWAMP SR2225 ROBESON B-88 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-85 770085 SWAMP SR2242 ROBESON B-112 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-118 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2229 ROBESON B-419	B-79	770079	HOG SWAMP	SR2209	ROBESON
B-114 770114 INDIAN SWAMP SR2225 ROBESON B-88 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-85 770085 SWAMP SR2242 ROBESON B-112 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-118 770118 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2289 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420	B-490	770490	US74	SR2210	ROBESON
B-88 770088 HOG SWAMP SR2230 ROBESON B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-85 770085 SWAMP SR2242 ROBESON B-112 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2255 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431	B-78	770078	MILL SWAMP CREEK	SR2220	ROBESON
B-94 770094 OLD FIELD SWAMP SR2237 ROBESON B-279 770279 HOG SWAMP SR2241 ROBESON B-85 770085 SWAMP SR2242 ROBESON B-112 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2418 ROBESON B-348	B-114	770114	INDIAN SWAMP	SR2225	ROBESON
B-279 770279 HOG SWAMP SR2241 ROBESON B-85 770085 SWAMP SR2242 ROBESON B-112 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-116 770170 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-431 770419 JACOBS SWAMP SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2418 ROBESON B-131	B-88	770088	HOG SWAMP	SR2230	ROBESON
B-85 770085 SWAMP SR2242 ROBESON B-112 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 195 SR2422 ROBESON B-80 770080 </td <td>B-94</td> <td>770094</td> <td>OLD FIELD SWAMP</td> <td>SR2237</td> <td>ROBESON</td>	B-94	770094	OLD FIELD SWAMP	SR2237	ROBESON
B-112 770112 INDIAN SWAMP SR2255 ROBESON B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 195 SR2422 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124	B-279	770279	HOG SWAMP	SR2241	ROBESON
B-298 770298 CANAL SR2256 ROBESON B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-419 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-134	B-85	770085	SWAMP	SR2242	ROBESON
B-265 770265 ASHPOLE SWAMP SR2258 ROBESON B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-419 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-80 770080 HOG SWAMP SR2422 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-134 770124 195 SR2426 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-134	B-112	770112	INDIAN SWAMP	SR2255	ROBESON
B-270 770270 ASHPOLE SWAMP SR2258 ROBESON B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2269 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 I95 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-131 770131 I95 SR2426 ROBESON B-124 770124 I95 SR2426 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136	B-298	770298	CANAL	SR2256	ROBESON
B-116 770116 HOG SWAMP SR2262 ROBESON B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 195 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 195 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140	B-265	770265	ASHPOLE SWAMP	SR2258	ROBESON
B-117 770117 HOG SWAMP SR2262 ROBESON B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 I95 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2455 ROBESON B-121 77	B-270	770270	ASHPOLE SWAMP	SR2258	ROBESON
B-108 770108 INDIAN SWAMP SR2269 ROBESON B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 I95 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 <t< td=""><td>B-116</td><td>770116</td><td>HOG SWAMP</td><td>SR2262</td><td>ROBESON</td></t<>	B-116	770116	HOG SWAMP	SR2262	ROBESON
B-115 770115 INDIAN SWAMP SR2272 ROBESON B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 I95 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-133 <	B-117	770117	HOG SWAMP	SR2262	ROBESON
B-419 770419 JACOB SWAMP SR2289 ROBESON B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 I95 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-121 770104 I95 SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 </td <td>B-108</td> <td>770108</td> <td>INDIAN SWAMP</td> <td>SR2269</td> <td>ROBESON</td>	B-108	770108	INDIAN SWAMP	SR2269	ROBESON
B-420 770420 LUMBER RIVER SR2289 ROBESON B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 195 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 195 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 195 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133	B-115	770115	INDIAN SWAMP	SR2272	ROBESON
B-431 770431 JACOBS SWAMP SR2305 ROBESON B-488 770488 US74 SR2418 ROBESON B-131 770131 I95 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-419	770419	JACOB SWAMP	SR2289	ROBESON
B-488 770488 US74 SR2418 ROBESON B-131 770131 195 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 195 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 195 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-420	770420	LUMBER RIVER	SR2289	ROBESON
B-131 770131 I95 SR2422 ROBESON B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-431	770431	JACOBS SWAMP	SR2305	ROBESON
B-80 770080 HOG SWAMP SR2426 ROBESON B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-488	770488	US74	SR2418	ROBESON
B-381 770381 OLD FIELD SWAMP SR2426 ROBESON B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-131	770131	195	SR2422	ROBESON
B-124 770124 I95 SR2430 ROBESON B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-80	770080	HOG SWAMP	SR2426	ROBESON
B-134 770134 HORSE SWAMP SR2435 ROBESON B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-381	770381	OLD FIELD SWAMP	SR2426	ROBESON
B-136 770136 AARON SWAMP SR2435 ROBESON B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-124	770124	195	SR2430	ROBESON
B-140 770140 ASHPOLE SWAMP SR2435 ROBESON B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-134	770134	HORSE SWAMP	SR2435	ROBESON
B-104 770104 I95 SR2455 ROBESON B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-136	770136	AARON SWAMP	SR2435	ROBESON
B-121 770121 ASHPOLE SWAMP SR2455 ROBESON B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-140	770140	ASHPOLE SWAMP	SR2435	ROBESON
B-123 770123 ASHPOLE SWAMP SR2455 ROBESON B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-104	770104	195	SR2455	ROBESON
B-132 770132 AARON SWAMP SR2455 ROBESON B-133 770133 AARON SWAMP SR2455 ROBESON	B-121	770121	ASHPOLE SWAMP	SR2455	ROBESON
B-133 770133 AARON SWAMP SR2455 ROBESON	B-123	770123	ASHPOLE SWAMP	SR2455	ROBESON
	B-132	770132	AARON SWAMP	SR2455	ROBESON
B-86 770086 195 SR2459 ROBESON	B-133	770133	AARON SWAMP	SR2455	ROBESON
	B-86	770086	195	SR2459	ROBESON

B-489	770489	US74	SR2505	ROBESON
B-135	770135	AARON SWAMP	SR2519	ROBESON
B-142	770142	ASHPOLE SWAMP	SR2519	ROBESON
Ident.	BRIDGE NUM	FTR_INTRSC	F_CARRIED	COUNTY
B-273	250273	US401BUS	BRANSON ST	CUMBERLAND
B-129	250129	US301	195 BUS.LO	CUMBERLAND
B-142	250142	195	195 BUS.LOOP	CUMBERLAND
B-26	250026	195BUS.&SR2284	I95 NBL	CUMBERLAND
B-77	250077	ROCKFISH CREEK	I95 NBL	CUMBERLAND
B-99	250099	NC87	I95 NBL	CUMBERLAND
B-109	250109	CAPE FEAR RIVER	I95 NBL	CUMBERLAND
B-133	250133	SR1006& CSX RR	I95 NBL	CUMBERLAND
B-157	250157	BLACK RIVER	I95 NBL	CUMBERLAND
B-342	250342	I95N, US13	195 RAMP NBL	CUMBERLAND
B-30	250030	195 LOOP NBL & SR2284	I95 SBL	CUMBERLAND
B-83	250083	ROCKFISH CREEK	I95 SBL	CUMBERLAND
B-103	250103	NC87	I95 SBL	CUMBERLAND
B-111	250111	CAPE FEAR RIVER	I95 SBL	CUMBERLAND
B-134	250134	SR1006 & CSX RR	I95 SBL	CUMBERLAND
B-158	250158	BLACK RIVER	I95 SBL	CUMBERLAND
B-108	250108	NC87	I95 SBL(CO	CUMBERLAND
B-107	250107	NC87	195(COLLEC	CUMBERLAND
B-61	250061	CROSS CREEK	I95BUS.LOO	CUMBERLAND
B-85	250085	SR1738,SR1741,C.F.RIVER	195BUS.LOOP	CUMBERLAND
B-130	250130	US301	195BUS.LOOP	CUMBERLAND
B-35	250035	ROCKFISH CREEK	I95BUS.LOOP/US301N	CUMBERLAND
B-36	250036	ROCKFISH CREEK	195BUS.LP&	CUMBERLAND
B-326	250326	NSRR, SERVICE RD, CRK	NC 295 SBL	CUMBERLAND
B-325	250325	ROCKFISH CREEK	NC 87 SBL.	CUMBERLAND
B-351	250351	CREEK	NC162	CUMBERLAND
B-347	250347	CSX RAILROAD	NC162 EAST BOUND L	CUMBERLAND
B-348	250348	CSX RAILROAD	NC162 WBL	CUMBERLAND
B-49	250049	LOWER LITTLE RIVER	NC210	CUMBERLAND
B-409	250409	SR1613	NC210	CUMBERLAND
B-20	250020	LOWER LITTLE RIVER	NC217	CUMBERLAND
B-86	250086	US401BYP.	NC24	CUMBERLAND
B-104	250104	US401BUS	NC24	CUMBERLAND
B-125	250125	CROSS CREEK	NC24	CUMBERLAND
B-126	250126	CAPE FEAR RIVER	NC24	CUMBERLAND
B-144	250144	SOUTH RIVER	NC24	CUMBERLAND
B-23	250023	LOWER LITTLE RIVER	NC24 & NC87	CUMBERLAND
B-138	250138	195	NC24 E.B. CONN.	CUMBERLAND
B-135	250135	195	NC24 EBL	CUMBERLAND
B-136	250136	195	NC24 WBL	CUMBERLAND

			NC24 WBL	
B-139	250139	195	CONNECTOR	CUMBERLAND
B-116	250116	CSXRR,NSRR,&HILLS	NC24/NC210	CUMBERLAND
B-25	250025	BEAVER DAM CREEK	NC242	CUMBERLAND
B-46	250046	SOUTH RIVER	NC242	CUMBERLAND
B-13	250013	195	NC295	CUMBERLAND
B-332	250332	SR1719	NC295	CUMBERLAND
B-301	250301	CAPE FEAR RIVER	NC295 EBL	CUMBERLAND
B-327	250327	NSRR, SERVICE,CR RD,CREE	NC295 EBL	CUMBERLAND
B-353	250353	LITTLE CROSS CREEK	NC295 EBL	CUMBERLAND
			NC295 FLYOVER	
B-362	250362	NC210	RAMP	CUMBERLAND
B-334	250334	SR1721	NC295 NBL	CUMBERLAND
B-336	250336	CSX R/R	NC295 NBL	CUMBERLAND
B-340	250340	US301	NC295 NBL	CUMBERLAND
B-341	250341	US301	NC295 RAMP CA	CUMBERLAND
B-358	250358	DIRT	NC295 RAMP EBL	CUMBERLAND
B-359	250359	LITTLE CROSS CREEK	NC295 RAMP EBL	CUMBERLAND
B-331	250331	SR1719	NC295 SBL	CUMBERLAND
B-333	250333	SR1721	NC295 SBL	CUMBERLAND
B-335	250335	CSX R/R	NC295 SBL	CUMBERLAND
B-302	250302	CAPE FEAR RIVER	NC295 WBL	CUMBERLAND
B-339	250339	US301	NC295 WBL	CUMBERLAND
B-352	250352	LITTLE CROSS CREEK	NC295 WBL	CUMBERLAND
B-34	250034	195	NC53	CUMBERLAND
B-5	250005	195	NC59	CUMBERLAND
B-22	250022	I95BUS.LOOP/US301	NC59	CUMBERLAND
B-68	250068	ROCKFISH CREEK	NC59	CUMBERLAND
B-115	250115	LITTLE ROCKFISH CREEK	NC59	CUMBERLAND
B-193	250193	BEAVER DAM CREEK	NC690	CUMBERLAND
B-19	250019	195	NC82	CUMBERLAND
B-21	250021	ROCKFISH CREEK	NC87 NBL	CUMBERLAND
B-39	250039	I95BUS.LOOP/US301	NC87 NBL	CUMBERLAND
B-299	250299	SR 2311(GILLESPIE	NC87 NBL	CUMBERLAND
B-317	250317	CSX R/R-ABERDEAN-ROCK FI	NC87 NBL	CUMBERLAND
B-319	250319	ABERDEEN & ROCKFISH R/R	NC87 NBL	CUMBERLAND
B-321	250321	WINSLOW ST.	NC87 NBL	CUMBERLAND
B-324	250324	SOUTHERN AVE	NC87 NBL	CUMBERLAND
B-297	250297	195 BUS/US301	NC87 SBL	CUMBERLAND
B-300	250300	SR2311(GILLESPIE	NC87 SBL	CUMBERLAND
B-318	250318	CSX-ABERDEEN-ROCK	NC87 SBL	CUMBERLAND
B-320	250320	ABERDEEN & ROCKFISH R/R	NC87 SBL	CUMBERLAND
B-322	250322	WINSLOW ST.	NC87 SBL	CUMBERLAND
B-323	250323	SOUTHERN AVE(SR1141)	NC87 SBL	CUMBERLAND
B-292	250292	US401BUS & ROBESON ST.	NC87NBL	CUMBERLAND

		Г	T	
B-293	250293	US401BUS & ROBESON ST	NC87SBL	CUMBERLAND
B-222	250222	US401 BUS & NC87	ROWAN ST	CUMBERLAND
B-37	250037	SOUTH RIVER	US13	CUMBERLAND
B-344	250344	I95	US13 NBL	CUMBERLAND
B-143	250143	BLACK RIVER OVERFLOW	US301	CUMBERLAND
B-145	250145	BLACK RIVER	US301	CUMBERLAND
B-8	250008	195BUS.LOOP SBL	US301 NBL	CUMBERLAND
B-60	250060	LOWER LITTLE RIVER	US401	CUMBERLAND
B-123	250123	NORFOLK SOUTHERN R.R.	US401 BUS.	CUMBERLAND
B-289	250289	ABERDEEN ROCKFISH RR	US401 NBL	CUMBERLAND
B-290	250290	ABERDEEN ROCKFISH	US401 SBL	CUMBERLAND
B-51	250051	NC210	US401BUS.	CUMBERLAND
B-63	250063	CSX RR	US401BUS.	CUMBERLAND
B-84	250084	CUMBERLAND ST	US401BUS.	CUMBERLAND
B-112	250112	HILLSBOROUGH STREET	US401BUS.	CUMBERLAND
B-53	250053	SR1007(OWEN DRIVE)	US401BYP	CUMBERLAND
B-298	250298	NC87	SR 1007	CUMBERLAND
B-102	250102	LITTLE ROCKFISH CREEK	SR1003	CUMBERLAND
B-120	250120	LITTLE CREEK	SR1003	CUMBERLAND
B-194	250194	CSX/RR	SR1003	CUMBERLAND
B-58	250058	SOUTH RIVER	SR1005	CUMBERLAND
B-153	250153	195	SR1005	CUMBERLAND
B-27	250027	BIG CREEK	SR1006	CUMBERLAND
B-52	250052	SOUTH RIVER	SR1006	CUMBERLAND
B-219	250219	CAPE FEAR RIVER	SR1006	CUMBERLAND
B-224	250224	LOCKS CREEK	SR1006	CUMBERLAND
B-6	250006	US401BUS(RAEFORD RD.)	SR1007	CUMBERLAND
B-199	250199	CSX R/R	SR1007	CUMBERLAND
B-226	250226	ABERDEEN/ROCKFISH RR.	SR1007	CUMBERLAND
B-235	250235	BEAVER CREEK	SR1007 NBL	CUMBERLAND
B-4	250004	BEAVER CREEK	SR1007 SBL	CUMBERLAND
B-75	250075	LITTLE ROCKFISH CREEK	SR1102	CUMBERLAND
B-78	250078	LITTLE ROCKFISH CREEK	SR1104	CUMBERLAND
B-79	250079	STEWART'S CREEK	SR1108	CUMBERLAND
B-80	250080	LITTLE ROCKFISH CREEK	SR1108	CUMBERLAND
B-100	250100	ROCKFISH CREEK	SR1115	CUMBERLAND
B-188	250188	ROCKFISH CREEK	SR1127	CUMBERLAND
B-183	250183	LITTLE ROCKFISH CREEK	SR1131	CUMBERLAND
B-210	250210	LITTLE ROCKFISH CREEK	SR1132	CUMBERLAND
B-189	250189	BUCKHEAD CREEK	SR1137	CUMBERLAND
B-105	250105	BR. OF BEAVER CREEK	SR1141	CUMBERLAND
B-170	250170	CSX RAILROAD	SR1141	CUMBERLAND
B-71	250071	BEAVER CREEK	SR1400	CUMBERLAND
B-227	250227	SR1007(OWEN DRIVE)	SR1400	CUMBERLAND

	T			
B-74	250074	CREEK	SR1402	CUMBERLAND
B-70	250070	BEAVER CREEK	SR1404	CUMBERLAND
B-218	250218	US401BUS	SR1404	CUMBERLAND
B-228	250228	SR1007(OWEN DRIVE)	SR1404	CUMBERLAND
B-229	250229	SR1007(OWEN DRIVE)	SR1415	CUMBERLAND
B-225	250225	SR1007(OWEN DRIVE)	SR1437	CUMBERLAND
B-182	250182	LITTLE RIVER	SR1451	CUMBERLAND
B-1	250001	LITTLE RIVER	SR1600	CUMBERLAND
B-383	250383	DIRT	SR1600	CUMBERLAND
B-93	250093	CREEK	SR1714	CUMBERLAND
B-328	250328	NC295	SR1714	CUMBERLAND
B-91	250091	WADE CANAL	SR1716	CUMBERLAND
B-127	250127	I95BUS.LOOP/US301	SR1725	CUMBERLAND
B-81	250081	GUM LOG CANAL	SR1728	CUMBERLAND
B-117	250117	I95BUS.LOOP/US301	SR1728	CUMBERLAND
B-190	250190	GUM LOG CANAL	SR1730	CUMBERLAND
B-214	250214	GUM LOG CANAL	SR1735	CUMBERLAND
B-213	250213	GUM LOG CANAL	SR1736	CUMBERLAND
B-159	250159	195	SR1804	CUMBERLAND
B-156	250156	195	SR1806	CUMBERLAND
B-155	250155	195	SR1813	CUMBERLAND
B-154	250154	195	SR1815	CUMBERLAND
B-141	250141	CREEK	SR1819	CUMBERLAND
B-56	250056	SOUTH RIVER	SR1823	CUMBERLAND
B-28	250028	BIG CREEK	SR1826	CUMBERLAND
B-152	250152	195	SR1828	CUMBERLAND
B-137	250137	NC24	SR1831	CUMBERLAND
B-147	250147	195	SR1832	CUMBERLAND
B-140	250140	NC24	SR1835	CUMBERLAND
B-146	250146	195	SR1835	CUMBERLAND
B-10	250010	GUM LOG CANAL	SR1839	CUMBERLAND
B-150	250150	BROWNS CREEK	SR1843	CUMBERLAND
B-48	250048	BIG CREEK	SR1851	CUMBERLAND
B-171	250171	SOUTH RIVER	SR1851	CUMBERLAND
B-172	250172	SOUTH RIVER	SR1851	CUMBERLAND
B-303	250303	I-95	SR1933	CUMBERLAND
B-132	250132	195	SR2000	CUMBERLAND
B-11	250011	CREEK	SR2008	CUMBERLAND
B-110	250110	CREEK	SR2012	CUMBERLAND
B-42	250042	CREEK	SR2030	CUMBERLAND
B-43	250043	CREEK	SR2030	CUMBERLAND
B-44	250044	CREEK	SR2030	CUMBERLAND
B-45	250045	SOUTH RIVER	SR2030	CUMBERLAND
B-98	250098	195	SR2212	CUMBERLAND

			1	
B-118	250118	195	SR2215	CUMBERLAND
B-12	250012	CREEK	SR2216	CUMBERLAND
B-72	250072	195	SR2220	CUMBERLAND
B-113	250113	GRAY'S CREEK	SR2233	CUMBERLAND
B-114	250114	GRAY'S CREEK	SR2234	CUMBERLAND
B-7	250007	195	SR2243	CUMBERLAND
B-294	250294	NC87	SR2283	CUMBERLAND
B-220	250220	BLOUNTS CREEK	SR2299 WBL	CUMBERLAND
B-221	250221	BLOUNTS CREEK	SR2299E.RUSSELL	CUMBERLAND
B-31	250031	195	SR2337	CUMBERLAND
B-97	250097	195	SR2341	CUMBERLAND
B-272	250272	ROCKFISH CREEK	SR2350	CUMBERLAND
B-14	250014	LAKE RIM RUNOFF	SR3569	CUMBERLAND
Ident.	BRIDGE_NUM	FTR_INTRSC	F_CARRIED	COUNTY
B-73	420073	US421 & NC55	I95 NBL	HARNETT
B-77	420077	US421 & NC55	I95 SBL	HARNETT
B-30	420030	UPPER LITTLE RIVER	NC210	HARNETT
B-52	420052	CAPE FEAR RIVER	NC217	HARNETT
B-36	420036	NC87	NC24	HARNETT
B-32	420032	NC87	NC27	HARNETT
B-56	420056	UPPER LITTLE RIVER	NC27	HARNETT
B-35	420035	NORFOLK & SOUTHERN RR	NC42	HARNETT
B-29	420029	MINGO SWAMP	NC55	HARNETT
B-53	420053	MINGO SWAMP	NC55	HARNETT
B-24	420024	UPPER LITTLE RIVER	US401	HARNETT
B-62	420062	NEILS CREEK	US401	HARNETT
B-45	420045	CAPE FEAR RIVER	US401 NBL	HARNETT
B-46	420046	CAPE FEAR RIVER	US401 SBL	HARNETT
B-64	420064	MINGO SWAMP	US421	HARNETT
B-23	420023	DURHAM SOUTHERN RR	US421 NBL	HARNETT
B-22	420022	DURHAM SOUTHERN RR	US421 SBL	HARNETT
B-39	420039	BLACK RIVER	US421SBL&NC55	HARNETT
B-49	420049	BLACK RIVER	US421WBL&NC55	HARNETT
B-57	420057	195	SR1002	HARNETT
B-109	420109	MINGO SWAMP	SR1002	HARNETT
B-63	420063	BUFFALOE CREEK	SR1108	HARNETT
B-59	420059	MCLEOD CREEK	SR1120	HARNETT
B-236	420236	ANDERSON CREEK	SR1120	HARNETT
B-54	420054	UPPER LITTLE RIVER	SR1130	HARNETT
B-55	420055	UPPER LITTLE RIVER	SR1130	HARNETT
B-235	420235	BRANCH LITTLE RIV	SR1131	HARNETT
B-48	420048	BARBECUE SWAMP	SR1209	HARNETT
B-234	420234	BARBECUE SWAMP	SR1210	HARNETT
B-47	420047	BARBECUE SWAMP	SR1211	HARNETT

B-40	420040	BARBEQUE SWAMP	SR1213	HARNETT
B-34	420034	UPPER LITTLE RIVER	SR1214	HARNETT
B-41	420041	UPPER LITTLE RIVER	SR1215	HARNETT
B-50	420050	BIG BRANCH CREEK	SR1217	HARNETT
B-44	420044	UPPER LITTLE RIVER	SR1222	HARNETT
B-33	420033	UPPER LITTLE RIVER	SR1229	HARNETT
B-195	420195	BR.UPPER LITTLE R	SR1234	HARNETT
B-160	420160	BR.UPPER LITTLE RIVER	SR1250	HARNETT
B-96	420096	HECTORS CREEK	SR1403	HARNETT
B-1	420001	NEIL'S CREEK	SR1415	HARNETT
B-151	420151	HECTORS CREEK	SR1415	HARNETT
B-94	420094	HECTOR'S CREEK	SR1427	HARNETT
B-2	420002	NEILS CREEK	SR1441	HARNETT
B-3	420003	NEILS CREEK	SR1441	HARNETT
B-204	420204	W.BUIES CREEK	SR1510	HARNETT
B-7	420007	WEST BUIES CREEK	SR1516	HARNETT
B-15	420015	BLACK RIVER	SR1532	HARNETT
B-233	420233	BLACK RIVER TRIB.	SR1544 (GUY RD.)	HARNETT
B-100	420100	BLACK RIVER	SR1552	HARNETT
B-120	420120	BLACK RIVER	SR1558	HARNETT
B-17	420017	BLACK CREEK	SR1703	HARNETT
B-81	420081	195	SR1709	HARNETT
B-246	420246	BLACK RIVER	SR1718	HARNETT
B-133	420133	BLACK RIVER	SR1722	HARNETT
B-134	420134	BLACK RIVER OVERFLOW	SR1722	HARNETT
B-126	420126	CREEK	SR1723	HARNETT
B-128	420128	BRANCH	SR1725	HARNETT
B-131	420131	BLACK RIVER	SR1725	HARNETT
B-129	420129	BLACK RIVER OVERF	SR1725 (ASHE AVE.)	HARNETT
B-105	420105	BLACK RIVER	SR1735	HARNETT
B-102	420102	THORTON CREEK	SR1769	HARNETT
B-106	420106	BLACK RIVER	SR1780	HARNETT
B-66	420066	195	SR1793	HARNETT
B-142	420142	MINGO SWAMP	SR1799	HARNETT
B-80	420080	195	SR1808	HARNETT
B-138	420138	MINGO SWAMP	SR1809	HARNETT
B-37	420037	195	SR1811	HARNETT
B-11	420011	EAST BUIES CREEK	SR2002	HARNETT
B-83	420083	UPPER LITTLE RIVER	SR2016	HARNETT
B-82	420082	UPPER LITTLE RIVER	SR2021	HARNETT
B-78	420078	STEWARTS CREEK	SR2027	HARNETT
B-75	420075	LOWER LITTLE RIVER	SR2031	HARNETT
B-76	420076	ANDERSON CREEK	SR2031	HARNETT
B-72	420072	ANDERSON CREEK	SR2045	HARNETT
B-74	420074	LOWER LITTLE RIVER	SR2045	HARNETT

B-245	420245	EAST DILIES ODEEN	CDOOLA	LIADNETT
B-Z45	440443	I EAST BUIES CREEK	J 3KZU34	HARNETT
D-2 4 3	420243	LAST BOILS CILLIN	3112034	1

Maps are available at: http://www.ncdot.org/doh/operations/dp_chief_eng/maintenance/bridge/

NCDOT INSPECTORS:

Inspectors will assist in locating and measuring quantities daily. The contractor will work with the inspector in mapping out routes weekly to advise County Bridge Maintenance Supervisors of approximate work locations.

TYPICAL SECTIONS:

STANDARD SPECIAL PROVISIONS

AVAILABILITY OF FUNDS – TERMINATION OF CONTRACTS:

(5-20-08) Z-2

General Statute 143C-6-11. (h) Highway Appropriation is hereby incorporated verbatim in this contract as follows:

(h) Amounts Encumbered. – Transportation project appropriations may be encumbered in the amount of allotments made to the Department of Transportation by the Director for the estimated payments for transportation project contract work to be performed in the appropriation fiscal year. The allotments shall be multiyear allotments and shall be based on estimated revenues and shall be subject to the maximum contract authority contained in *General Statute 143C-6-11(c)*. Payment for transportation project work performed pursuant to contract in any fiscal year other than the current fiscal year is subject to appropriations by the General Assembly. Transportation project contracts shall contain a schedule of estimated completion progress, and any acceleration of this progress shall be subject to the approval of the Department of Transportation provided funds are available. The State reserves the right to terminate or suspend any transportation project contract, and any transportation project contract shall be so terminated or suspended if funds will not be available for payment of the work to be performed during that fiscal year pursuant to the contract. In the event of termination of any contract, the contractor shall be given a written notice of termination at least 60 days before completion of scheduled work for which funds are available. In the event of termination, the contractor shall be paid for the work already performed in accordance with the contract specifications.

Payment will be made on any contract terminated pursuant to the special provision in accordance with Subarticle 108-13(E) of the 2012 Standard Specifications.

ERRATA:

(1-17-12) (Rev. 04-21-15) Z-4

Revise the 2012 Standard Specifications as follows:

Division 2

- Page 2-7, line 31, Article 215-2 Construction Methods, replace "Article 107-26" with "Article 107-25".
- Page 2-17, Article 226-3, Measurement and Payment, line 2, delete "pipe culverts,".

Page 2-20, Subarticle 230-4(B), Contractor Furnished Sources, change references as follows: Line 1, replace "(4) Buffer Zone" with "(c) Buffer Zone"; Line 12, replace "(5) Evaluation for Potential Wetlands and Endangered Species" with "(d) Evaluation for Potential Wetlands and Endangered Species"; and Line 33, replace "(6) Approval" with "(4) Approval".

Division 3

Page 3-1, after line 15, Article 300-2 Materials, replace "1032-9(F)" with "1032-6(F)".

Division 4

Page 4-77, line 27, Subarticle 452-3(C) Concrete Coping, replace "sheet pile" with "reinforcement".

Division 6

- Page 6-7, line 31, Article 609-3 Field Verification of Mixture and Job Mix Formula Adjustments, replace "30" with "45".
- Page 6-10, line 42, Subarticle 609-6(C)(2), replace "Subarticle 609-6(E)" with "Subarticle 609-6(D)".
- Page 6-11, Table 609-1 Control Limits, replace "Max. Spec. Limit" for the Target Source of P_{0.075}/P_{be} Ratio with "1.0".
- Page 6-40, Article 650-2 Materials, replace "Subarticle 1012-1(F)" with "Subarticle 1012-1(E)"

Division 7

Page 7-1, Article 700-3, CONCRETE HAULING EQUIPMENT, line 33, replace "competion" with "completion".

Division 8

Page 8-23, line 10, Article 838-2 Materials, replace "Portland Cement Concrete, Class B" with "Portland Cement Concrete, Class A".

Division 10

Page 10-166, Article 1081-3 Hot Bitumen, replace "Table 1081-16" with "Table 1081-2", replace "Table 1081-17" with "Table 1081-3", and replace "Table 1081-18" with "Table 1081-4".

Division 12

Page 12-7, Table 1205-3, add "FOR THERMOPLASTIC" to the end of the title.

Page 12-8, Subarticle 1205-5(B), line 13, replace "Table 1205-2" with "Table 1205-4".

Page 12-8, Table 1205-4 and 1205-5, replace "THERMOPLASTIC" in the title of these tables with "POLYUREA".

Page 12-9, Subarticle 1205-6(B), line 21, replace "Table 1205-4" with "Table 1205-6".

Page 12-11, Subarticle 1205-8(C), line 25, replace "Table 1205-5" with "Table 1205-7".

Division 15

Page 15-4, Subarticle 1505-3(F) Backfilling, line 26, replace "Subarticle 235-4(C)" with "Subarticle 235-3(C)".

Page 15-6, Subarticle 1510-3(B), after line 21, replace the allowable leakage formula with the following: $W=LD\sqrt{P} \div 148,000$ Page 15-6, Subarticle 1510-3(B), line 32, delete "may be performed concurrently or" and replace with "shall be performed".

Page 15-17, Subarticle 1540-3(E), line 27, delete "Type 1".

Division 17

Page 17-26, line 42, Subarticle 1731-3(D) Termination and Splicing within Interconnect Center, delete this subarticle.

Revise the 2012 Roadway Standard Drawings as follows:

1633.01 Sheet 1 of 1, English Standard Drawing for Matting Installation, replace "1633.01" with "1631.01".

PLANT AND PEST QUARANTINES:

(Imported Fire Ant, Gypsy Moth, Witchweed, Emerald Ash Borer, And Other Noxious Weeds) (3-18-03) (Rev. 12-20-16)

Z-04a

Within Quarantined Area

This project may be within a county regulated for plant and/or pests. If the project or any part of the Contractor's operations is located within a quarantined area, thoroughly clean all equipment prior to moving out of the quarantined area. Comply with federal/state regulations by obtaining a certificate or limited permit for any regulated article moving from the quarantined area.

Originating in a Quarantined County

Obtain a certificate or limited permit issued by the N.C. Department of Agriculture/United States Department of Agriculture. Have the certificate or limited permit accompany the article when it arrives at the project site.

Contact

Contact the N.C. Department of Agriculture/United States Department of Agriculture at 1-800-206-9333, 919-707-3730, or http://www.ncagr.gov/plantindustry/ to determine those specific project sites located in the quarantined area or for any regulated article used on this project originating in a quarantined county.

Regulated Articles Include

- 1. Soil, sand, gravel, compost, peat, humus, muck, and decomposed manure, separately or with other articles. This includes movement of articles listed above that may be associated with cut/waste, ditch pulling, and shoulder cutting.
- 2. Plants with roots including grass sod.
- 3. Plant crowns and roots.
- 4. Bulbs, corms, rhizomes, and tubers of ornamental plants.
- 5. Hay, straw, fodder, and plant litter of any kind.
- 6. Clearing and grubbing debris.
- 7. Used agricultural cultivating and harvesting equipment.
- 8. Used earth-moving equipment.
- 9. Any other products, articles, or means of conveyance, of any character, if determined by an inspector to present a hazard of spreading imported fire ant, gypsy moth, witchweed, emerald ash borer, or other noxious weeds.

MINIMUM WAGES:

(7-21-09) Z-5

FEDERAL:

The Fair Labor Standards Act provides that with certain exceptions every employer shall pay wages at the rate of not less than SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

STATE:

The North Carolina Minimum Wage Act provides that every employer shall pay to each of his employees, wages at a rate of not less than SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all skilled labor employed on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all intermediate labor employed on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all unskilled labor on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

This determination of the intent of the application of this act to the contract on this project is the responsibility of the Contractor.

The Contractor shall have no claim against the Department of Transportation for any changes in the minimum wage laws, Federal or State. It is the responsibility of the Contractor to keep fully informed of all Federal and State Laws affecting his contract.

AWARD OF CONTRACT:

(6-28-77) (Rev 2/16/2016)

Z-6

"The North Carolina Department of Transportation, in accordance with the provisions of *Title VI of the Civil Rights Act of 1964* (78 Stat. 252) and the Regulations of the Department of Transportation (49 C.F.R., Part 21), issued pursuant to such act, hereby notifies all bidders that it will affirmatively insure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the ground of race, color, or national origin".

TITLE VI AND NONDISCRIMINATION

I. Title VI Assurance

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

- (1) Compliance with Regulations: The contractor shall comply with the Regulation relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
- (2) **Nondiscrimination:** The Contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.
- (3) Solicitations for Subcontractors, Including Procurements of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
- (4) Information and Reports: The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the North Carolina Department of Transportation (NCDOT) or the Federal Highway Administration (FHWA) to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information the contractor shall so certify to the NCDOT, or the FHWA as appropriate, and shall set forth what efforts it has made to obtain the information.

- (5) Sanctions for Noncompliance: In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the NCDOT shall impose such contract sanctions as it or the FHWA may determine to be appropriate, including, but not limited to:
 - (a) Withholding of payments to the contractor under the contract until the contractor complies, and/or
 - (b) Cancellation, termination or suspension of the contract, in whole or in part.
- (6) Incorporation of Provisions: The contractor shall include the provisions of paragraphs (1) through (6) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto.

The contractor shall take such action with respect to any subcontractor procurement as the NCDOT or the FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance: provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the NCDOT to enter into such litigation to protect the interests of the NCDOT, and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

II. <u>Title VI Nondiscrimination Program</u>

Title VI of the 1964 Civil Rights Act, 42 U.S.C. 2000d, provides that: "No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." The broader application of nondiscrimination law is found in other statutes, executive orders, and regulations (see Section III, Pertinent Nondiscrimination Authorities), which provide additional protections based on age, sex, disability and religion. In addition, the 1987 Civil Rights Restoration Act extends nondiscrimination coverage to all programs and activities of federal-aid recipients and contractors, including those that are not federally-funded.

Nondiscrimination Assurance

The North Carolina Department of Transportation (NCDOT) hereby gives assurance that no person shall on the ground of race, color, national origin, sex, age, and disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity conducted by the recipient, as provided by Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, and any other related Civil Rights authorities, whether those programs and activities are federally funded or not.

Obligation

During the performance of this contract, the Contractor and its subcontractors are responsible for complying with NCDOT's Title VI Program. The Contractor must ensure that NCDOT's Notice of Nondiscrimination is posted in conspicuous locations accessible to all employees and subcontractors on the jobsite, along with the Contractor's own Equal Employment Opportunity (EEO) Policy Statement. The Contractor shall physically incorporate this "TITLE VI AND NONDISCRIMINATION" language, in its entirety, into all its subcontracts on federally-assisted and state-funded NCDOT-owned projects, and ensure its inclusion by subcontractors into all subsequent lower tier subcontracts. The Contractor and its subcontractors shall also physically incorporate the FHWA-1273, in its entirety, into all subcontracts and subsequent lower tier subcontracts on Federal-aid highway construction contracts only. The Contractor is also responsible for making its subcontractors aware of NCDOT's Discrimination Complaints Process, as follows:

FILING OF COMPLAINTS

- 1. **Applicability** These complaint procedures apply to the beneficiaries of the NCDOT's programs, activities, and services, including, but not limited to, members of the public, contractors, subcontractors, consultants, and other subrecipients of federal and state funds.
- 2. Eligibility Any person or class of persons who believes he/she has been subjected to discrimination or retaliation prohibited by any of the Civil Rights authorities, based upon race, color, sex, age, national origin, or disability, may file a written complaint with NCDOT's Civil Rights office. The law prohibits intimidation or retaliation of any sort. The complaint may be filed by the affected individual or a representative, and must be in writing.
- 3. Time Limits and Filing Options A complaint must be filed no later than 180 calendar days after the following:
 - The date of the alleged act of discrimination; or
 - ➤ The date when the person(s) became aware of the alleged discrimination; or
 - > Where there has been a continuing course of conduct, the date on which that conduct was discontinued or the latest instance of the conduct.

Title VI and other discrimination complaints may be submitted to the following entities:

- North Carolina Department of Transportation, Office of Equal Opportunity & Workforce Services (EOWS), External Civil Rights Section, 1511 Mail Service Center, Raleigh, NC 27699-1511; 919-508-1808 or toll free 800-522-0453
- ➤ US Department of Transportation, Departmental Office of Civil Rights, External Civil Rights Programs Division, 1200 New Jersey Avenue, SE, Washington, DC 20590; 202-366-4070

Federal Highway Administration, North Carolina Division Office, 310 New Bern Avenue, Suite 410, Raleigh, NC 27601, 919-747-7010

Federal Highway Administration, Office of Civil Rights, 1200 New Jersey Avenue, SE, 8th Floor, E81-314, Washington, DC 20590, 202-366-0693 / 366-0752

Federal Transit Administration, Office of Civil Rights, ATTN: Title VI Program Coordinator, East Bldg. 5th Floor – TCR, 1200 New Jersey Avenue, SE, Washington, DC 20590

Federal Aviation Administration, Office of Civil Rights, 800 Independence Avenue, SW, Washington, DC 20591, 202-267-3258

- US Department of Justice, Special Litigation Section, Civil Rights Division, 950 Pennsylvania Avenue, NW, Washington, DC 20530, 202-514-6255 or toll free 877-218-5228
- **4. Format for Complaints** Complaints must be in **writing** and **signed** by the complainant(s) or a representative and include the complainant's name, address, and telephone number. Complaints received by fax or e-mail will be acknowledged and processed. Allegations received by telephone will be reduced to writing and provided to the complainant for confirmation or revision before processing. Complaints will be accepted in other languages including Braille.
- **5. Discrimination Complaint Form** Contact NCDOT EOWS at the phone number above to receive a full copy of the Discrimination Complaint Form and procedures.
- **6. Complaint Basis** Allegations must be based on issues involving race, color, national origin, sex, age, or disability. The term "basis" refers to the complainant's membership in a protected group category. Contact this office to receive a Discrimination Complaint Form.

Protected Categories	Definition Examples		Applicable Statutes and Regulations	
Categories			FHWA	FTA
Race	An individual belonging to one of the accepted racial groups; or the perception, based usually on physical characteristics that a person is a member of a racial group	Black/African American, Hispanic/Latino, Asian, American Indian/Alaska Native, Native Hawaiian/Pacific Islander, White	Title VI of the Civil Rights Act of 1964; 49 CFR Part 21; 23 CFR 200	Title VI of the Civil Rights Act of 1964; 49 CFR Part 21;
Color	Color of skin, including shade of skin within a racial group	Black, White, brown, yellow, etc.		Circular 4702.1B
National Origin	Place of birth. Citizenship is not a factor. Discrimination based on language or a person's accent is also covered.	Mexican, Cuban, Japanese, Vietnamese, Chinese		
Sex	Gender	Women and Men	1973 Federal- Aid Highway Act	Title IX of the Education Amendments of 1972
Age	Persons of any age	21 year old person	Age Discrimination Act of 1975	
Disability	Physical or mental impairment, permanent or temporary, or perceived.	Blind, alcoholic, para- amputee, epileptic, diabetic, arthritic	Section 504 of the Rehabilitation Act of 1973; Americans with Disabilities Act of 1990	

D6BR.SBE.001 39 Division Wide

III. Pertinent Nondiscrimination Authorities

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest agrees to comply with the following non-discrimination statutes and authorities, including, but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency
 guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure
 compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your
 programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).
- Title VII of the Civil Rights Act of 1964 (42 U.S.C. § 2000e *et seq.*, Pub. L. 88-352), (prohibits employment discrimination on the basis of race, color, religion, sex, or national origin);
- 49 CFR Part 26, regulation to ensure nondiscrimination in the award and administration of DOT-assisted contracts in the Department's highway, transit, and airport financial assistance programs, as regards the use of Disadvantaged Business Enterprises (DBEs);
- Form FHWA-1273, "Required Contract Provisions," a collection of contract provisions and proposal notices that are
 generally applicable to all Federal-aid construction projects and must be made a part of, and physically incorporated into,
 all federally-assisted contracts, as well as appropriate subcontracts and purchase orders, particularly Sections II
 (Nondiscrimination) and III (Nonsegregated Facilities).

ON-THE-JOB TRAINING:

(10-16-07) (Rev. 4-21-15)

Z-10

Description

The North Carolina Department of Transportation will administer a custom version of the Federal On-the-Job Training (OJT) Program, commonly referred to as the Alternate OJT Program. All contractors (existing and newcomers) will be automatically placed in the Alternate Program. Standard OJT requirements typically associated with individual projects will no longer be applied at the project level. Instead, these requirements will be applicable on an annual basis for each contractor administered by the OJT Program Manager.

On the Job Training shall meet the requirements of 23 CFR 230.107 (b), 23 USC – Section 140, this provision and the On-the-Job Training Program Manual.

The Alternate OJT Program will allow a contractor to train employees on Federal, State and privately funded projects located in North Carolina. However, priority shall be given to training employees on NCDOT Federal-Aid funded projects.

Minorities and Women

Developing, training and upgrading of minorities and women toward journeyman level status is a primary objective of this special training provision. Accordingly, the Contractor shall make every effort to enroll minority and women as trainees to the extent that such persons are available within a reasonable area of recruitment. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether a member of a minority group or not.

Assigning Training Goals

The Department, through the OJT Program Manager, will assign training goals for a calendar year based on the contractors' past three years' activity and the contractors' anticipated upcoming year's activity with the Department. At the beginning of each year, all contractors eligible will be contacted by the Department to determine the number of trainees that will be assigned for the upcoming calendar year. At that time the Contractor shall enter into an agreement with the Department to provide a self-imposed on-the-job training program for the calendar year. This agreement will include a specific number of annual training goals agreed to by both parties. The number of training assignments may range from 1 to 15 per contractor per calendar year. The Contractor shall sign an agreement to fulfill their annual goal for the year.\

Training Classifications

The Contractor shall provide on-the-job training aimed at developing full journeyman level workers in the construction craft/operator positions. Preference shall be given to providing training in the following skilled work classifications:

Equipment Operators Office Engineers
Truck Drivers Estimators

Carpenters Iron / Reinforcing Steel Workers

Concrete Finishers Mechanics
Pipe Layers Welders

The Department has established common training classifications and their respective training requirements that may be used by the contractors. However, the classifications established are not all-inclusive. Where the training is oriented toward construction applications, training will be allowed in lower-level management positions such as office engineers and estimators. Contractors shall submit new classifications for specific job functions that their employees are performing. The Department will review and recommend for acceptance to FHWA the new classifications proposed by contractors, if applicable. New classifications shall meet the following requirements:

Proposed training classifications are reasonable and realistic based on the job skill classification needs, and

The number of training hours specified in the training classification is consistent with common practices and provides enough time for the trainee to obtain journeyman level status.

The Contractor may allow trainees to be trained by a subcontractor provided that the Contractor retains primary responsibility for meeting the training and this provision is made applicable to the subcontract. However, only the Contractor will receive credit towards the annual goal for the trainee.

Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. The number of trainees shall be distributed among the work classifications on the basis of the contractor's needs and the availability of journeymen in the various classifications within a reasonable area of recruitment.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journeyman level status or in which they have been employed as a journeyman.

Records and Reports

The Contractor shall maintain enrollment, monthly and completion reports documenting company compliance under these contract documents. These documents and any other information as requested shall be submitted to the OJT Program Manager.

Upon completion and graduation of the program, the Contractor shall provide each trainee with a certification Certificate showing the type and length of training satisfactorily completed.

Trainee Interviews

All trainees enrolled in the program will receive an initial and Trainee/Post graduate interview conducted by the OJT program staff.

Trainee Wages

Contractors shall compensate trainees on a graduating pay scale based upon a percentage of the prevailing minimum journeyman wages (Davis-Bacon Act). Minimum pay shall be as follows:

of the journeyman wage for the first half of the training period
of the journeyman wage for the third quarter of the training period
of the journeyman wage for the last quarter of the training period

In no instance shall a trainee be paid less than the local minimum wage. The Contractor shall adhere to the minimum hourly wage rate that will satisfy both the NC Department of Labor (NCDOL) and the Department.

Achieving or Failing to Meet Training Goals

The Contractor will be credited for each trainee employed by him on the contract work who is currently enrolled or becomes enrolled in an approved program and who receives training for at least 50 percent of the specific program requirement. Trainees will be allowed to be transferred between projects if required by the Contractor's scheduled workload to meet training goals.

If a contractor fails to attain their training assignments for the calendar year, they may be taken off the NCDOT's Bidders List.

Measurement and Payment

No compensation will be made for providing required training in accordance with these contract documents.

NAME CHANGE FOR NCDENR:

(1-19-16) Z-11

Wherever in the 2012 Standard Specifications, Project Special Provisions, Standard Special Provisions, Permits or Plans that reference is made to "NCDENR" or "North Carolina Department of Environment and Natural Resources", replace with "NCDEQ" or North Carolina Department of Environmental Quality" respectively, as the case may be.

EXECUTION OF BID

NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

CORPORATION

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

	Full n	ame of Corpor	ation
	Addr	ess as Prequal	ified
Attest		Ву	
_	Secretary/Assistant Secretary Select appropriate title		President/Vice President/Assistant Vice President Select appropriate title
	Print or type Signer's name		Print or type Signer's name
			CORPORATE SEAL
	AFFIDAY	IT MUST E	BE NOTARIZED
Subscribed	and sworn to before me this the		
day (of20		
			NOTARY SEAL
	Signature of Notary Public		
of	County		
State of			
My Commi	ssion Expires:		

EXECUTION OF BID NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

PARTNERSHIP

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

Full Na	ame of Partnership)
Addre	ss as Prequalified	
	Ву	Constant of Dorton
Signature of Witness		Signature of Partner
Print or type Signer's name		Print or type Signer's name
Time of type digiter's name		Time of type digners manie
AFFIDAVIT M	MUST BE NOT	ARIZED
ubscribed and sworn to before me this the		NOTARY SEAL
, day of, 20		
Signature of Notary Public		
fCounty		
tate of		
My Commission Expires		

EXECUTION OF BID NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

LIMITED LIABILITY COMPANY

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating N.C.G.S. § 133-24 within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

Full Name of Firm Address as Prequalified Signature of Member/Manager/Authorized Agent Select appropriate title

Print or type Signer's Name

NOTARY SEAL

ARIZED

Print or type Signer's name	
	AFFIDAVIT MUST BE NOT
Subscribed and sworn to before me this	the
day of	20
Signature of Notary Public	c
ofCo	ounty
State of	

Signature of Witness

My Commission Expires:_

EXECUTION OF BID NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION JOINT VENTURE (2) or (3)

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

Instructions: **2 Joint Venturers** Fill in lines (1), (2) and (3) and execute. **3 Joint Venturers** Fill in lines (1), (2), (3) and (4) and execute. On Line (1), fill in the name of the Joint Venture Company. On Line (2), fill in the name of one of the joint venturers and execute below in the appropriate manner. On Line (3), print or type the name of the other joint venturer and execute below in the appropriate manner. On Line (4), fill in the name of the third joint venturer, if applicable and execute below in the appropriate manner.

(1)	Name of Joint Venture							
(2)		Name of Contractor						
		Address as Prequalifie	d					
	Signature of Witness or Attest	Ву		Signature of Contractor				
	Print or type Signer's name			Print or type Signer's name				
(3)	If Corporation, affix Corporate Seal	and						
(3)	Name of Contractor							
		Address as Prequalifie	d					
	Signature of Witness or Attest	Ву		Signature of Contractor				
	Print or type Signer's name			Print or type Signer's name				
	If Corporation, affix Corporate Seal	and						
(4)								
		Name of Contractor (for 3 Joint V	enture only)					
		Address as Prequalifie	d					
	Signature of Witness or Attest			Signature of Contractor				
	Print or type Signer's name			Print or type Signer's name				
	If Corporation, affix Corporate Seal							
OTARY SE		NOTARY SEAL		NOTARY SEA				
	st be notarized for Line (2)	Affidavit must be notarized for Line (3)		Affidavit must be notarized for Line (4)				
	and sworn to before me this 20	Subscribed and sworn to before nday of		Subscribed and sworn to before me thisday of20				
gnature of	Notary Public	Signature of Notary Public		Signature of Notary Public				
	County	of	County	ofCounty				
		State of		State of				
	ssion Expires:	My Commission Expires:		My Commission Expires:				

EXECUTION OF BID NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

State of

My Commission Expires:____

EXECUTION OF BID NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

INDIVIDUAL DOING BUSINESS IN HIS OWN NAME

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

My Commission Expires:_____

DEBARMENT CERTIFICATION

Conditions for certification:

- The prequalified bidder shall provide immediate written notice to the Department if at any time the bidder learns that his
 certification was erroneous when he submitted his debarment certification or explanation filed with the Department, or has become
 erroneous because of changed circumstances.
- 2. The terms covered transaction, debarred, suspended, ineligible, lower tier covered transaction, participant, person, primary covered transaction, principal, proposal, and voluntarily excluded, as used in this provision, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. A copy of the Federal Rules requiring this certification and detailing the definitions and coverages may be obtained from the Contract Officer of the Department.
- 3. The prequalified bidder agrees by submitting this form that he will not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in NCDOT contracts, unless authorized by the Department.
- 4. For Federal Aid projects, the prequalified bidder further agrees that by submitting this form he will include the Federal-Aid Provision titled *Required Contract Provisions Federal-Aid Construction Contract (Form FHWA PR* 1273) provided by the Department, without subsequent modification, in all lower tier covered transactions.
- 5. The prequalified bidder may rely upon a certification of a participant in a lower tier covered transaction that he is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless he knows that the certification is erroneous. The bidder may decide the method and frequency by which he will determine the eligibility of his subcontractors.
- 6. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this provision. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- 7. Except as authorized in paragraph 6 herein, the Department may terminate any contract if the bidder knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available by the Federal Government.

DEBARMENT CERTIFICATION

The prequalified bidder certifies to the best of his knowledge and belief, that he and his principals:

- a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records; making false statements; or receiving stolen property;
- c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph b. of this certification; and
- d. Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- e. Will submit a revised Debarment Certification immediately if his status changes and will show in his bid proposal an explanation for the change in status.

If the prequalified bidder cannot certify that he is not debarred, he shall provide an explanation with this submittal. An explanation will not necessarily result in denial of participation in a contract.

Failure to submit a non-c	ollusion affidavit and debarment certification will result in the prequalified bidder's bid being considered
non-responsive.	
	Check here if an explanation is attached to this certification.

North Carolina Department of Transportation <u>CONTRACT BID FORM</u>

UNIT

UNIT PRICE

AMOUNT BID

CONTRACT NO.: D6BR.SBE.001

PROJECT NUMBER: 6B.100914.3, 6B.200914.3, 6b.102414.3, 6B.102614.3, 6B.202614.1,

6B.104311, 6B.204314.3, 6B.107814.3 & 6B.207814.3

QTY

COUNTY: Bladen, Columbus, Cumberland, Harnett, & Robeson

DESCRIPTION: Debris Removal & Sweeping of Bridges

BID DATE: April 5, 2017

DESCRIPTION

LINE

Phone____

SECT

10	SP	Debris Removal and Sweeping	800	HR	
ТОТ	'AL B	ID FOR PROJECT:			
		DIONINGEEL.			
CONT	RACTOI	₹			
Federa	l Identific	cation Number		Coı	ntractors License Number
Author	rized Age	nt		Title	<u>. </u>
Signati	ure				Date
Witnes	SS			Title	2
Signati	ure				Date

Point of Contact for Post Bid Inquiries (e.g., Letters of Intent, Insurance, Bonds, Contract Execution, etc.):

Name____

THIS SECTION TO BE COMPLETED BY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

This bid has been	n reviewed in	accordance with	Article 103-	1 of the current	t edition of th	ie <u>Standard</u>	Specifications for	<u>or Roads</u>
and Structures.								

Division Proposals Engineer	Date

EXECUTION OF CONTRACT

Signature Sheet (Bid) - ACCEPTANCE SHEET