



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

August 1, 2007

**Addendum No. 1**

RE: Contract ID: C201753  
TIP Number: B-3835  
Davie-Forsyth Counties  
Project Description: Bridge No. 35 over the Yadkin River on US 158

**September 20, 2007 Letting**

To Whom It May Concern:

Reference is made to the Final Request for Proposal recently furnished to you on the above project. The following revisions have been made to the Request for Proposal:

The *Cover Sheet* for the Final RFP has been revised. Please void the *Cover Sheet* on your proposal and staple the revised *Cover Sheet* thereto.

The *Table of Contents* has been revised. Please void the *Table of Contents* in your proposal and staple the revised *Table of Contents* thereto.

Page 21 in the *PROJECT SPECIAL PROVISIONS* has been revised. Please void Page 21 in your proposal and staple the revised Page 21 thereto.

Pages 39 and 44 in the *GENERAL PROVISIONS* have been revised. Please void Page 39 and 44 in your proposal and staple the revised Pages 39 and 44 thereto.

Pages 49 through 52 in the *ROADWAY SCOPE OF WORK* have been revised. Please void Pages 49 through 52 in your proposal and staple the revised Pages 49 through 52 thereto.

Page 54 in the *STRUCTURE SCOPE OF WORK* has been revised. Please void Page No. 54 in your proposal and staple the revised Page No. 54 thereto.

Page 84 in the *RIGHT-OF-WAY SCOPE OF WORK* has been revised. Please void Page No. 84 in your proposal and staple the revised Page No. 84 thereto.

Sincerely,

R.A. Garris, P.E.  
Contract Officer

c: Mr. Steve Varnedoe, PE  
Mr. Jon Nance, PE  
Ms. Deborah Barbour, PE  
Mr. Victor Barbour, PE (w/)  
Mr. Art McMillan, PE  
Mr. Clarence Coleman, PE FHWA (w/)  
Mr. Phillip Harris, PE  
Mr. Rodger Rochelle, PE (w/)  
Mr. Carl Goode  
Mr. Michael Robinson, PE (w/)  
Mr. Ron Hancock, PE (w/)  
Mr. David Harris, PE  
Mr. Ron Davenport, PE (w/)  
Mr. Van Argabright, PE  
Ms. Pam Williams (w/)  
Mr. Keith Raulston, PE (w/)  
Mr. Darin Waller, PE (w/)  
Mr. J. P. Couch, PE (w/)  
Mr. Steve Hamilton, PE (w/)  
Mr. Don Parker (w/)  
Mr. Brian Mayhew, PE (w/)  
Mr. John Emerson, PE (w/)  
Ms. Jennifer Brandenburg, PE (w/)  
Mr. Allen Raynor, PE (w/)  
Mr. John Wadsworth, PE (w/)  
Mr. Marshall Clawson, PE (w/)  
Ms. BenJetta Johnson, PE (w/)  
Mr. Billy Trivette, PE (w/)  
Mr. Ayman Alqudwah, PE (w/)  
Mr. Steve Walker  
Mr. Wayne Johnson, PE (w/)  
Ms. Marsha Sample (w/)  
Ms. Betty Rawls (w/)  
Ms. Virginia Mabry (w/)  
Mr. Andy Gay (w/)  
Mr. James Dunlop, PE (w/)

Ms. Anne Gamber, PE – Hydraulics (w/)  
Dr. Clark Morrison, PE - Pavement Design (w/)  
Mr. John Pilipchuk, PE- Geotechnical (w/)  
Mr. Lonnie Brooks, PE - Structures (w/)  
Ms. Elizabeth Lusk - Environmental Permits (w/)  
Ms. Michelle Long, PE - Public Information (w/)  
Mr. Neal Strickland - Right-of-Way (w/)  
Mr. Tim McFadden - Signing (w/)  
Mr. Barney Blackburn, PE - Erosion & Sed. Cont. (w/)  
Mr. David Boyd - Utility Coordination (w/)  
Mr. Roger Worthington, PE – Utility Construction (w/)  
Mr. Mitch Hendee, PE - Traffic Control (w/)

Technical Review Committee Members (w/)

File (w/)

Mr. Pat Ivey, PE (w/)  
Mr. Njoroge Wainaina, PE  
Mr. Stuart Bourne, PE  
Dr. Judith Corley-Lay, Ph.D., PE  
Mr. Dave Henderson, PE  
Mr. Ron King, PE  
Mr. Don Lee  
Mr. Calvin Leggett, PE  
Mr. Doug Allison  
Mr. Greg Perfetti, PE  
Mr. Ellis Powell, PE  
Dr. Greg Thorpe, Ph.D.  
Mr. Robert Memory

-- STATE OF NORTH CAROLINA--  
DEPARTMENT OF TRANSPORTATION  
RALEIGH, N.C.



**FINAL RFP**

**DESIGN-BUILD PROJECT**

**TIP B-3835**

**July 3, 2007**



*VOID FOR BIDDING*

DATE AND TIME OF TECHNICAL AND PRICE PROPOSAL SUBMISSION: **September 6, 2007 AT 4:00 PM**

DATE AND TIME OF PRICE PROPOSAL OPENING: **September 20, 2007 AT 10:00 AM**

CONTRACT ID: C201753

WBS ELEMENT NO. 33283.3.1

FEDERAL-AID NO. BRSTP-158(12)

COUNTY: Davie and Forsyth

ROUTE NO. US 158

MILES: 0.69 miles

LOCATION: Bridge 35 over Yadkin River on US 158

TYPE OF WORK: DESIGN-BUILD AS SPECIFIED IN THE SCOPE OF WORK  
CONTAINED IN THE REQUEST FOR PROPOSALS

**NOTICE:**

ALL PROPOSERS 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 PROPOSER 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. PROPOSERS 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. NOT WITHSTANDING THESE LIMITATIONS ON BIDDING, THE PROPOSER WHO IS AWARDED ANY PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING, REGARDLESS OF FUNDING SOURCES.

\_\_\_\_\_  
5% BID BOND OR BID DEPOSIT REQUIRED  
\_\_\_\_\_

**TABLE OF CONTENTS**

**COVER SHEET  
PROPOSAL SHEETS**

<b>PROJECT SPECIAL PROVISIONS</b> (GREEN SHEETS)	<i>PAGE NO.</i>
Contract Time and Liquidated Damages.....	1
Other Liquidated Damages and Incentives.....	1-2
Project Schedule.....	2-4
Payout Schedule.....	4
Mobilization.....	4
Submittal of Quantities, Diesel #2 Fuel Base Index and Opt-Out Option .....	5-6
Partnering.....	6
Execution of Signature Sheets and Debarment Certification.....	7
Submission of Design-Build Proposals.....	7-8
Confidential Questions.....	8
Value Analysis.....	9
Schedule of Estimated Completion Progress.....	9
Substantial Completion.....	9-10
Disadvantaged Business Enterprise.....	10-19
Certification for Federal-Aid Projects.....	19-20
Contractor's License Requirements.....	20
U. S. Department of Transportation Hotline.....	20-21
Submission of Records – Federal-Aid Projects.....	21
Subsurface Information.....	21
Training Requirements.....	21
Cooperation Between Contractors.....	21
Bid Documentation.....	22-24
Twelve Month Guarantee.....	25
Outsourcing Outside U.S.A.....	25
Clearing and Grubbing.....	26
Erosion & Sediment Control / Stormwater Certification.....	26-31
Procedure for Monitoring Borrow Pit Discharge .....	31-32
Embankment Monitoring.....	33
Price Adjustments for Asphalt Binder.....	33-34
Price Adjustments Asphalt Concrete Plant Mix.....	34
<b>GENERAL</b> (GREEN SHEETS).....	35-48
<b>SCOPES OF WORK</b> (GREEN SHEETS)	
Roadway Design.....	49-52
Pavement Management Design.....	53
Structure Design.....	54-55
Geotechnical Engineering.....	56-63
Hydraulics Design.....	64-65
Signing.....	66-67

**ADDENDUM NO. 1 August 1, 2007**

C 201753 (B-3835)

Davie & Forsyth Counties

Traffic Control and Pavement Markings..... 68-76  
 Utilities Coordination.....77-81  
 Utilities Construction..... 82-83  
 Right of Way..... 84-85  
 Erosion and Sedimentation Control..... 86-90  
 Public Information..... 91-92  
 Environmental Permits.....93-96

**STANDARD SPECIAL PROVISIONS (YELLOW SHEETS)**

Plant and Pest Quarantines.....97  
 Reinforced Bridge Approach Fills..... 97-100  
 Asphalt Pavements Superpave..... 100-102  
 Asphalt Paver – Fixed and Mobile String Line..... 102  
 Asphalt Binder Content of Asphalt Plant Mixes..... 103  
 Asphalt Plant Mixes..... 103  
 Guardrail Anchor Units, Type 350..... 103-104  
 Street Signs and Markers and Route Markers..... 104  
 Steel U-Channel Posts..... 105  
 Aggregate Production..... 105  
 Concrete Brick and Block Production..... 105  
 Portland Cement Concrete (Alkali-Silica Reaction)..... 105-106  
 Glass Beads..... 106  
 Engineering Fabrics Table 1056-1..... 106  
 Paint Sampling and Testing..... 107  
 Portable Concrete Barrier..... 107  
 Temporary Shoring..... 107-114  
 Changeable Message Signs..... 114  
 Availability of Funds – Termination of Contracts..... 115  
 General Seed Specification for Seed Quality ..... 116-118  
 Errata.....119-122  
 Award of Contract.....123  
 Minority and Female Employment Requirements.....124-126  
 Required Contract Provisions Federal-Aid Construction Contracts.....127-136  
 Training Special Provisions..... 137-139  
 Wage Rates.....140-142  
 Division One..... 143-158

**PROPOSAL FORM ITEM SHEET, ETC.**

Item Sheet (WHITE SHEET)  
 Fuel Usage Factor Chart and Estimate of Quantities (WHITE SHEET)  
 Award Limits (YELLOW SHEET)  
 DBE Subcontractor Listing (YELLOW SHEETS)  
 Signature (YELLOW SHEETS)

The *hotline* is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

**SUBMISSION OF RECORDS - FEDERAL-AID PROJECTS:**

(7-1-95)

DB1 G109

The Design-Build Team's attention is directed to the Standard Special Provisions entitled *Required Contract provisions - Federal-Aid Construction Contracts* contained elsewhere in this RFP.

This project is **not** located on the National Highway System, therefore, federal form FHWA-47 is not required.

**SUBSURFACE INFORMATION**

(3-22-07)

DB1 G119

Available subsurface information will be provided on this project. The Design-Build Team shall be responsible for additional investigations and for verifying the accuracy of the subsurface information supplied by the Department.

**TRAINING REQUIREMENTS** (7-1-95)

DB1 G136

The Design-Build Team's attention is directed to the Standard Special Provision "Training Special Provision" included elsewhere in this Request for Proposal.

The number of trainees to be trained on this project shall be 2.

**COOPERATION BETWEEN CONTRACTORS**

(7/1/95)

DB1 G133

The Design-Build Team's attention is directed to Article 105-7 of the Standard Specifications.

It should be noted that there is a proposed development located across from Bermuda Run Drive on the Northwest side of the proposed bridge. The construction of the drive has begun. It is anticipated that this drive construction will be complete prior to beginning construction of this project.

The Design-Build Team on this project shall cooperate with other Contractors 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.

Drafting the contract  
 Defining the scope of the contract  
 Selection of the Design-Build Team  
 Negotiation of the cost of the contract (including calculating manhours or fees); and  
 Administration of the contract.

An exception to these terms may be granted when recommended by the Secretary and approved by the Board of Transportation.

Failure to comply with the terms stated above in this section shall be grounds for termination of this contract and/or not being considered for selection of work on future contracts for a period of one year.

**SUBMITTAL OF TECHNICAL AND PRICE PROPOSALS**

**Technical and / or Price Proposals that do not adhere to all the requirements noted below may be considered non-responsive and may result in the Department not considering the Design-Build Team for award of the contract or reading their Price Proposal publicly.**

**GENERAL**

Technical and Price Proposals will be accepted until **4:00 P.M. Local Time on Thursday, September 6, 2007**, at the office of the State Contract Officer:

Mr. Randy A. Garris, PE  
 Project Services Unit  
 1020 Birch Ridge Drive  
 Century Center Complex Bldg. B  
 Raleigh, NC

**No Proposals will be accepted after the time specified.**

Proposals shall be submitted in 2 separate, sealed parcels containing the Technical Proposal in one and the Price Proposal in the other parcel.

**TECHNICAL PROPOSAL**

Technical Proposals shall be submitted in a sealed package. The outer wrapping shall clearly indicate the following information:

Technical Proposal  
 Submitted By: (Design-Build Team's name)  
 Contract Number C201753  
 TIP Number B-3835  
 Davie & Forsyth Counties  
 Bridge 35 over Yadkin River on US 158

- The schedule shall also include the Design-Build Team’s final completion date and, if proposed, their substantial completion date. **These dates shall be clearly indicated on the Project Schedule and labeled “Final Completion Date” and “Substantial Completion Date”.**

### **5. Innovation – 5 points**

Identify any aspects of the design or construction elements that the Design-Build Team considers innovative. Include a description of alternatives that were considered whether implemented or not.

### **6. Maintenance of Traffic and Safety Plan – 15 points**

#### *Maintenance of Traffic*

- Describe any traffic control requirements that will be used for each construction phase.
- Describe how traffic will be maintained as appropriate and describe the Design-Build Team’s understanding of any time restrictions noted in the RFP.
- Specifically describe how business and residential access will be maintained, if applicable.

#### *Safety Plan*

- Describe the safety considerations specific to the project.
- Discuss the Design-Build Team's overall approach to safety.
- Describe any proposed improvements that will be made prior to or during construction that will enhance the safety of the work force and/or travelling public both during and after the construction of the project.

### **7. Oral Interview – 5 points**

- The Design-Build Team’s Project Management Team shall present a brief introduction of the project team and design / construction approach.
- Introductory comments shall be held to no more than 20 minutes.
- The Department will use this interview to ask specific questions about the Team’s Technical Proposal, background, philosophies, and/or approach to the project.
- Presentation, questions, and answers shall not exceed 60 minutes. No more than 10 people from the Design-Build Team may attend.

The Department will use the information presented in the oral interview to assist in the evaluation of the Technical Proposal.



**ROADWAY SCOPE OF WORK****Project Details**

- The Design Build Team shall design and construct Bridge No. 35 and approach roadways over the Yadkin River on US 158 (Clemmons Road). The project begins approximately 1200 ft west of the beginning of the existing bridge and ends approximately 1300 ft east of the end of the existing bridge. The project shall be of sufficient length to tie to the existing roadway based on current NCDOT guidelines and standards.
- The Categorical Exclusion anticipated staged construction for replacement of Bridge No. 35 due to 4(f) impacts on Win Mock Farms, however the Department has met with the State Historic Preservation Office (HPO) and has reduced the historic boundary on Win Mock Farms to only include property immediately surrounding the barns located on this site and a no-effect call has been determined. The Department will complete the construction consultation prior to award of this contract to reflect the roadway alignment can be shifted northward to allow the proposed structure to be constructed in a single phase. If the Design-Build Team elects to pursue non-staged construction the Design-Build Team will be responsible for the following:
  - a) The proposed slope stake shall be contained within the preliminary slope stake design provided by the Department on the north eastern side of the proposed structure distributed by letter dated May 25, 2007.
  - b) The Design-Build Team shall also be responsible for any additional public involvement required.
- The Design Build Team shall design and construct resurfacing grades for all roadways impacted by construction. The Design-Build Team shall design and construct grades that adhere to the design criteria and standards, providing all required pavement wedging.
- The bridge typical section shall consist of the following for its entire length:
  - a) A 2-foot offset on the north side
  - b) Two 14-foot outside travel lanes (to accommodate bicycles)
  - c) Two 12-foot inside travel lanes
  - d) A 4'-0" painted island separating the eastbound and westbound travel lanes
  - e) A 5'-6' sidewalk and a 2-foot offset on the south side
- The facility shall be designed and constructed to meet a 50-mph design speed for rolling rural minor arterial facilities. The Design-Build Team shall provide all other design criteria for review and acceptance prior to submittal of Preliminary Plans. The speed limit throughout the project limits will be posted down to 45 mph by the

Department prior to construction beginning, therefore a design exception for speed shall not be required.

- The approach roadway west of the bridge shall tie to the existing two lane – two-way facility. In the shoulder section a 4 foot paved shoulder shall be required. An exclusive westbound left turn lane shall be provided for Bermuda Run Drive. This exclusive westbound left turn lane shall be developed independent of the other westbound lanes. (A westbound through lane shall not be allowed to terminate as the exclusive left turn lane -"Left Lane Must Turn Left" will not be allowed.)
- The westbound outside lane shall not be dropped after the bridge but shall continue up to and be dropped at the entrance of the new development on Win-Mock Farm which is located approximately across the road from Bermuda Run Drive. Curb and gutter shall be utilized from the aforementioned entrance to the bridge. The Design-Build Team shall coordinate with the appropriate entity concerning this new entrance and allow continuous access and safe passage of traffic along the new driveway at all times. The construction of the driveway has begun on the subject property. It is anticipated that this driveway will be completed prior to beginning construction for this contract.
- The approach roadway east of the bridge shall be 5-lane curb and gutter section and shall tie to the existing 5-lane curb and gutter facility.
- This project shall accommodate bicycle traffic, lanes adjacent to curb & gutter shall be 14 ft wide and in the shoulder section a 4 ft paved shoulder shall be provided.
- All requirements associated with the historic park located in the southeast quadrant shall be adhered to. Specifically, in the area adjacent to Tanglewood Park, the berm shall be contained in the existing right of way but shall not be less than four feet.
- The Design-Build Team shall maintain safe passage for recreational boat traffic on the Yadkin River and hikers/pedestrians utilizing the Yadkin River Trail at all times.
- All guardrail placement shall be in accordance with 2006 *NCDOT Standard Drawings* and/or approved details in lieu of standards, regardless of existing conditions. The Design-Build Team shall remove and replace all guardrail. The proposed guardrail design shall be included in the Technical Proposal.
- Any design exception shall be clearly noted in the Technical Proposal. Prior to requesting / incorporating a design exception, the Design-Build Team must obtain prior conceptual approval from the Department and FHWA. If conceptual approval is obtained, the Design-Build Team shall be responsible for the development and approval of all design exceptions.
- The Design-Build Team shall place rebar and caps with carsonite posts for right of way monument locations as directed by the resident engineer. The Department shall furnish the caps and carsonite posts in accordance with Department policy.
- All requirements associated with the Bermuda Run sub-division shall be adhered to.

## General

The Design-Build Team shall adhere to the *Roadway Design Guidelines for Design-Build Projects*, which by reference is incorporated herein and made a part of the contract.

- The design shall be in accordance with the *2004 AASHTO A Policy on Geometric Design of Highways and Streets*, *2006 NCDOT Roadway Standard Drawings*, *NCDOT 2002 Roadway Design Manual*, *Roadway Design Policy and Procedure Manual*, *NCDOT Guidelines for Roadway Design Activities*, *July 2006 North Carolina Standard Specifications for Roads and Structures*, and the *AASHTO Roadside Design Guide 2002*.
- If the *NCDOT Roadway Design Manual*, the *2004 AASHTO A Policy on Geometric Design of Highways and Streets*, the *2006 NCDOT Roadway Standard Drawings* and / or any other guidelines, standards or policies have desirable and / or minimum values, the Design Build Team shall use the desirable values. Similarly, in case of conflicting design parameters in the various resources, the proposed design shall adhere to the most conservative values.
- The Design-Build Team shall identify the need for any special roadway design details (i.e. any special drainage structures, special guardrail, etc.) and shall provide special design drawings. The Project Services Unit may have special details available that can be provided to the Design-Build Team upon request. The Design-Build Team shall refer to the list of details to be used in lieu of standards located at [www.ncdot.org/business/](http://www.ncdot.org/business/)
- All streets and driveways within the project limits shall be tied to the proposed improvements in accordance with the Department's design guidelines.
- The Design-Build Team shall acquire all right of way and easements necessary for construction of this project. Reference the Right of Way scope of work.

## NCDOT Information Supplied

- The NCDOT will provide electronic surveys to the Design-Build Team. Any supplemental surveys, including but not limited to additional topography, existing and proposed roadway, structure sites, underground and overhead utilities, existing and proposed drainage, wetland delineation, right of way, parcel names, and deed research and descriptions shall be the responsibility of the Design-Build Team to acquire and process. Known existing utilities have been located and will be included with the survey data. The Design-Build Team will be responsible for confirming the location of the utilities and type of facility. All supplemental SUE work shall be the responsibility of the Design-Build Team.
- The Department will provide copies of the CE (Categorical Exclusion and 4f Evaluation) and all pertinent approvals and correspondence. The Design-Build Team shall adhere to all commitments stated in the environmental documents.

- The Department will provide copies of the Construction Consultation to the CE. The Construction Consultation includes a revised environmental commitment sheet and revised Section 4(f) evaluations. The Design-Build Team shall adhere to all commitments stated in these documents. The Department is responsible for all landscaping design and landscape construction required by the environmental documents on the Win-Mock Farm and Tanglewood Park after the completion of this contract.
- The NCDOT will provide the preliminary design for B-3835. The Design-Build Team is cautioned that the preliminary design is provided solely to assist the Design-Build Team in the development of the project design. The Design-Build Team shall be fully and totally responsible for the accuracy and completeness of the project design, including, but not limited to, the use of the NCDOT's design, the use of portions of the NCDOT's design or modifications to the NCDOT's design.
- The NCDOT shall provide final pavement designs for B-3835 (Reference the Pavement Management Scope of Work). The Design-Build Team shall be responsible for all temporary pavement designs.
- The NCDOT shall provide a Geotechnical Subsurface Investigation for B-3835 (Reference the Geotechnical Scope of Work). The Design-Build Team shall be responsible for any additional geotechnical information, all geotechnical recommendations, as well as supplemental structural and roadway investigations.

**STRUCTURE SCOPE OF WORK****Project Details:**

Replacement and removal of existing bridge #35 on US-158 over the Yadkin River. The Categorical Exclusion anticipated staged construction for replacement of Bridge No. 35, however the Design-Build Team may elect not to use staged construction (reference the Roadway Scope of Work). Two bar metal rails (Standard BMR3) shall be used adjacent to bicycle lanes. Three bar metal rails (Standard BMR5) shall be used where sidewalks are required.

Avoid impacts to sewer lift station located on the northwest end of the project.

Design and construct a bridge deck drainage system to release water in the grassed swale areas beyond the top of bank.

The existing bridge contains red lead paint. The Design-Build Team is responsible for handling, removing, shipping, and disposing of these materials in accordance with the *Standard Specifications*.

Cored slab or box beam type bridges will not be allowed.

Casting of conduit in the bridge deck, sidewalks, or outside railing will not be allowed.

A live load rating chart for girders will be required on the bridge plans.

**Bridge Removal:**

The Design Build Team is responsible for the removal and disposal of the following structures:

- Bridge #35 on US 158 over the Yadkin River.

The Design-Build Team shall comply with Section 4.6, Bridge Demolition, in NCDOT's *Best Management Practices for Construction and Maintenance Activities*. Demolition and removal of the existing structure will be addressed in the Section 404 and Section 401 permit applications as necessary.

**General**

The team's primary design firm shall be on the Highway Design Branch list of firms qualified for Structure Design and maintain an office in North Carolina.

All bridges shall meet approved Roadway typical sections and grades. Bridge geometry (width, length, skew, span arrangement, etc.) shall be in accordance with approved Structure Recommendations and Bridge Survey Reports prepared by the team.

**RIGHT OF WAY SCOPE OF WORK** (08-15-06)

The Design-Build Team, shall employ qualified, competent personnel who are currently **approved by the NCDOT Right of Way Branch**, herein after referred to as the Department, to provide all services necessary to perform all appraisal, appraisal review, negotiation and relocation services required for completion of the project in accordance with G.S. 136-28.1 of the General Statutes of North Carolina, as amended, and in accordance with the requirements set forth in the *Uniform Appraisal Standards and General Legal Principles for Highway Right of Way*, the *North Carolina Department of Transportation's Right of Way Manual*, the *North Carolina Department of Transportation's Rules and Regulations for the Use of Right of Way Consultants*, the *Code of Federal Regulations*, and *Chapter 133 of the General Statutes of North Carolina from Section 133-5 through 133-18*, hereby incorporated by reference, including the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended. For a list of firms currently approved, the Design-Build Team should contact Mr. Neal Strickland, in the NCDOT Right-of-Way Branch, at 919-733-7932, extension 317. The Design-Build Team shall perform the services as set forth herein and furnish and deliver to the Department reports accompanied by all documents necessary for the settlement of claims and the recordation of deeds, or necessary for condemnation proceedings covering said properties. The Design-Build Team, acting as an agent on behalf of the State of North Carolina shall provide right of way acquisition services for TIP B-3835 in Davie-Forsyth Counties.

**The right of way on Win-Mock Farm according to the plans distributed by letter dated May 25, 2007 will be conveyed to the Department prior to award of this contract.**

**The Design-Build Team shall carry out the responsibilities as follows:**

- ◆ With respect to the payments, costs and fees associated with the acquisition of right of way in this contract, the Department shall be responsible for only direct payments to property owners for negotiated settlements, recording fees, any relocation benefits, and deposits and fees involved in the filing of condemnation of any claims. The Department shall assume responsibility for all costs associated with the litigation of condemned claims, including testimony by the appraiser(s). The Design-Build Team shall be responsible for all other acquisition related payments, costs and fees.
- ◆ A Department representative will be available to provide technical guidance on right of way acquisition procedures and to make timely decisions on approving relocation benefits and approving administrative adjustment settlements on behalf of the Department over and above the authority granted to the Department Right of Way Consultant Project Managers.
- ◆ The Design-Build Team shall submit a right of way project tracking report and right of way quality control plan to the Department. The Department standard forms and documents shall be used to the extent possible.