

## MINUTES OF DOT-AGC BRIDGE DESIGN SUBCOMMITTEE MEETING

The DOT-AGC Joint Bridge Design Subcommittee met on April 13<sup>th</sup>, 2005. Those in attendance were:

Berry Jenkins	Manager of Highway Heavy Division, Carolinas Branch AGC (Co-Chairman)
Greg Perfetti	State Bridge Design Engineer (Co-Chairman)
Richard Holshouser	Sanford Contractors, Inc.
Mark Lively	Crowder Construction
Chris Britton	Taylor & Murphy Construction Co.
Ron Hancock	State Bridge Construction Engineer
Allen Raynor	Assistant State Bridge Design Engineer
Paul Lambert	Structure Design Project Engineer
Tom Koch	Structure Design Project Engineer
Gichuru Muchane	Structure Design Engineer

During the review of the February 9<sup>th</sup>, 2005 meeting minutes, the following items were discussed:

*1. Special Provision for Crane Safety*

Mr. Jenkins provided a brief update on the survey of contractors' concerns on the special provision for crane safety. He noted that several contractors have responded to the survey. A separate meeting will be scheduled once the survey results are compiled.

The minutes of the February 9<sup>th</sup>, 2005 meeting were approved.

The following items of new business were discussed:

*1. Proposed Pile Excavation and Pile Driving Analyzer (PDA) Special Provisions*

Mr. Hancock stated that the Department is developing special provisions for pile and drilled shaft excavations as well as pile driving analyzer services. He distributed copies of the draft Special Provisions and requested feedback from the contractors.

Contractors emphasized that the PDA services process outlined in the special provision should be implemented in such a way that it does not cause undue problems in scheduling for the contractors. As such, they suggested

- Emphasizing a quick response time by most PDA firms,
- Eliminating the PDA review by the Department if the work is performed by a firm on a pre-approved list, and
- Keeping the process seamless as possible.

After a brief discussion of other components of the draft Special Provisions, Mr. Hancock requested that the contractors send any additional comments on the provisions or the standard notes to him for review within two weeks.

## 2. *Iredell County Girder Delivery*

Mr. Britton briefly described a note on the plans for a project recently opened up for bidding. The note required a submittal on the girder delivery plan. Mr. Britton was concerned about an additional submittal requirement for an operation that the Industry typically controls through the Overweight / Oversize permitting process..

Mr. Hancock clarified that the intention of the note was just to alert the contractor about access issues related to delivery of the girders for that specific project and inadvertently required a submittal.

*Mr. Perfetti stated that he would request Structure Design Project Engineers to not include the note on future plans. Mr. Hancock stated that he would also advise the Bridge Construction Engineers on the interpretation of the note.*

## 3. *Other*

- i. Mr. Hancock inquired if contractors had any comments on a uniform waiting period of 14 days before allowing any loads on the bridge deck and approach slab. Mr. Holshouser stated that 7 days for the approach slab was sufficient since the deck slab and the approach slab are not subject to the same stresses. He further inquired if the waiting periods were considered in the contract times. Mr. Hancock responded in the affirmative. In general the contractors were comfortable with the current waiting periods.
- ii. Mr. Hancock stated the revisions to the Standard Specifications were now in progress. He invited all contractors to send him any comments on Divisions 400 or 1000
- iii. There was a brief discussion of the current CSX policy regarding track protection during bridge demolition. CSX no longer allows track protection consisting of mats placed over the track. A suspended system is required. The Special Provision has been updated to clarify this new requirement.
- iv. Mr. Britton suggested allowing fabric pads in lieu of aluminastic under the posts for aluminum rails. He stated that other states permit the fabric pads *Mr. Lambert stated that he would inquire from railing suppliers what they are delivering to other states.*

## 4. *Next Meeting*

The next meeting is scheduled for June 8<sup>th</sup>, 2005 in the Structure Design Unit conference Room C.