

ACEC/NCDOT BRIDGE SUBCOMMITTEE



Minutes of August 4, 2014 Meeting
Structure Design Conference Room C, 10:00 am

Attendees

Greg Perfetti – NCDOT Structures Management Unit (Co-Chair)
Brian Hanks – NCDOT Structures Management Unit
Kevin Fischer – NCDOT Structures Management Unit
David Stutts – NCDOT Structures Management Unit
Terry Clelland – NCDOT Structures Management Unit
Michael Craig – WSP Group (Co-Chair)
Domenic Coletti – HDR
Paul Jacob – Stewart
Drew Miller – URS
Hardy Willis – Vaughn and Melton

- 1) Michael Craig introduced and all welcomed Drew Miller and Hardy Willis to the Committee.
- 2) **Review of Previous Meeting Minutes** - Minutes of the May 5, 2014 meeting were reviewed and approved.
- 3) **Bridge Design Workshop Series** - Next work shop will be “Element based Bridge Inspection” utilizing NCDOT WIGINS program. This workshop is scheduled for September 30th. Michael Craig requested that additional training be provided for the firms currently performing bridge inspections for NCDOT. Greg Perfetti informed the committee that training was being provided as new assignments were given but agreed if additional training was needed a seminar sponsored by ACEC may be appropriate. Next workshop “Mass Concrete” is anticipated to be in early December or late January. Michael Craig will coordinate with ACEC/NC office to obtain dates the NC Rural Center is available in December and January, and will provide the dates to Brian Hanks. Michael Craig will also look into potential cancelation fee with the rural center. Suggested topics from the April 9 workshop questionnaires were reviewed and discussed. The list of potential workshop topics has been updated and is attached.

4) **Training Opportunities**

NCDOT continues to coordinate with Georgia/Carolinas PCI on a possible one day training seminar. McKimmon Center would be utilized for this event. Topics need to be determined so the appropriate outside speakers can be identified.

5) **Anticipated PEF Advertisements**

No specific upcoming projects were mentioned. The reprioritization of projects makes it difficult for Structures Management to provide a list of projects with much



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certainty. Kevin Fischer informed the group that the Strategic Transportation Investments (STI) prioritization is still in the process of being completed. They have scored all the projects in the state wide trier. There has been some movement on some of the high scoring projects. A lot of the high scoring projects are interchange projects that may or may not have structures on them. Kevin anticipates it is going to be awhile before the structure projects start to filter down to Structure Design.

Kevin Fischer went on to say that they have not given out many projects this past quarter. Structure design anticipates letting the majority of its bridge design work out thru the LSA. They are letting out a few projects outside the LSA like Group B in Division 6 B-5333 and B-5695 that are multi-disciplinary to provide opportunities for firms not on the LSA to compete for bridge design work.

Greg Perfetti informed the committee that NCDOT currently was not planning on extending the bridge design LSA ending in October 2015. Instead they were planning on re-advertising for this work. Michael Craig inquired as to anticipate number of firms to be selected and Greg informed the group that it was unclear at this time as to how many firms may be selected. They wanted to make sure that most the firms selected get substantial work out of the LSA.

6) Electronic Signing and Sealing of Contract Plans

David Stutts informed the committee that NCDOT was still in the process of working out some of the smaller details with the electronic signature process. Paul Jacob inquired about the possibility of NCDOT providing training on the process. Kevin Fisher informed the committee that NCDOT was still in the process of working thru the pilot project and when that is complete they would make changes to the process based on what they learned during the pilot project. Kevin Fischer also informed the committee that NCDOT was in the process of creating a power point presentation to send out to the firms on the current electronic signature process and was going to look into when we can expect this document.

It has been reported to NCDOT that only one person in each firm (usually the lead CAD technician) is all that is required with the DocuSign Software. It was also mentioned that it is up to each individual firm to select the Electronic Signing software that works best for their firm.

7) Technical Discussion

Brian Hanks indicated that a memo was soon to be released pertaining changes in camber calculations in cored slabs and box beams. This will be followed with corresponding changes to the design manual and figures.

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Future Meetings – 10:00 am Structure Design Conference Room C (unless otherwise directed)

- i) November 3, 2014
- ii) February 2, 2015
- iii) May 4, 2015