

ACEC/NCDOT BRIDGE SUBCOMMITTEE

Minutes of May 5, 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
Tom Harris – Parsons (Co-Chair)
Michael Craig – WSP Group
Domenic Coletti – HDR
Paul Jacob – Stewart
Matt Payne – Atkins
Eddie Wetherill – Wetherill Engineering

1) Review of Previous Meeting Minutes - Minutes of the February 3, 2014 meeting were reviewed and approved.

2) Bridge Design Workshop Series

Next workshop is anticipated to be in July. Tom Harris will coordinate with ACEC/NC office to obtain dates the NC Rural Center is available in July and will provide the dates to Brian Hanks.

Structures Management will decide if the topic will be Element Based Bridge Inspection or Mass Concrete.

Suggested topics from the April 9 workshop questionnaires were reviewed and discussed. The list of potential workshop topics has been updated and is attached.

3) 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.

4) Anticipated PEF Advertisements

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



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5) Electronic Signing and Sealing of Contract Plans

Kevin Fischer and David Stutts informed the committee all central let TIP projects are going to be advertised with electronic plans and electronic signatures beginning with November 2014 letting. This change will allow the plans to be fully searchable.

NCDOT will be using the Docusign software to provide electronically signed plans and has done pilot projects with in-house plans. PEF may utilize a different software package.

This change will result in needing to coordinate plan sheet numbers in advance of signing and sealing plans.

PEF members of the committee noted the implementation of electronic signatures produces a number of issues and questions which should be taken to the Transportation Committee. These issues include coordination with the NC Board of Registration on which software packages are approved for this use and how will the PEF be compensated for the cost of the software licenses.

6) Technical Discussion

Brian Hanks indicated the Design Manual, Project Special Provisions and Structure Standard Drawings have been updated to incorporate the February 3, 2014 Policy Memo which replaces Pot Bearings with Disc Bearings.

The change in policy is based on coordination with bearing manufacturers to achieve more economical bearings with fewer parts.

7) PEF Co-Chair for 2014-2015

Michael Craig will be the PEF Co-Chair for 2014-2015. Domenic Coletti will continue to maintain the list of potential workshop topics.

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

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