

ACEC/NCDOT BRIDGE SUBCOMMITTEE



Minutes of August 1, 2011 Meeting
Structure Design Conference Room C, 10:00 am

Attendees

Greg Perfetti – NCDOT Structure Design Unit (Co-Chair)
Dan Holderman _ NCDOT Bridge Management Unit
Allen Raynor – NCDOT Structure Design Unit
Lonnie Brooks – NCDOT Structure Design Unit
Eddie Wetherill – Wetherill Engineering
Morris Israelnaim – MI Engineering
Liz Phipps – KCI (Co-Chair)
Paul Barber –HNTB
Tom Harris – Wilbur Smith

- 1) **Review of Previous Meeting Minutes** - Minutes of the May 5th 2011 meeting were reviewed and accepted.
- 2) **Bridge Design Workshop Series** – future topics were discussed.
 - a) Feedback on July 28th Hydrodemolition Workshop – Liz Phipps has results from workshop and will distribute summary sheet.
 - b) Potential Topics from Survey for next Luncheon Seminar –
 - i) **Design Build Effects on Span Length and Girder Spacing** – Liz Phipps to discuss Design Build with David Peterson of RK&K.
 - ii) **Predicting Camber for Prestressed Concrete Members** research project – Allen Raynor will contact the graduate research assistant, Tyler Storm, to give a presentation of the research results. (Tyler has agreed to speak pending his availability)
 - c) Other topics on the list:
 - i) **Coastal Wave Task Force Presentation** – Still completing research
 - ii) **Bridge Hydraulic Sizing and Scour** – need presenter
- 3) **Training Opportunities** –
 - i) Steel Bridge Forum Update. Brian Hanks worked with ACEC to work out joint funding but was unsuccessful without having to pay on a per head basis (ethics policy). At this point, the forum will be internal to NCDOT. Mention was made that several firms may be willing to get together and contribute to offset some cost. However due to the short time frame, we may have to look at another opportunity in the future.
 - ii) Dan Holderman said that Bridge Management was hosting a NHI Seminar on Nondestructive Testing geared towards bridge inspection (Henry Black of Bridge Management is the contact person)

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4) Structure Policy Memos – Allen Raynor presented overview of recent changes.

- i) From July 8, 2011 – “As-Built Plan Certification for FEMA Regulated Stream Crossings” – Adds plan note certifying that the plans are as built, and adds room for PE Seal with certification note on first sheet of the Bridge General Drawing or first sheet of Culvert Plans. Policy memo and plan sheet example are available on the Structure Design Unit Web Page at the following link:

<http://www.ncdot.org/doh/preconstruct/highway/structur/polmemo/FEMASStreamCrossing.pdf>

5) Anticipated PEF Advertisements

- i) U-0071 – Durham Freeway Connector - August 2011

Future projects will be contracted out to private engineering firms using a mix of on-call, limited services, and regularly advertised contracts

6) Technical Discussions – No technical discussions

7) New members

- i) New Committee Members – The sub-committee welcomed Eddie Wetherill and Tom Harris to the group.

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

- i) November 7, 2011
- ii) February 6, 2012
- iii) May 7, 2012
- iv) August 6, 2012