

ACEC/NCDOT BRIDGE SUBCOMMITTEE



Minutes of August 2, 2010
Structure Design Conference Room B, 10:00 am

Attendees

Greg Perfetti – NCDOT Structure Design Unit
Allen Raynor – NCDOT Structure Design Unit
Lonnie Brooks – NCDOT Structure Design Unit
Dan Holderman – NCDOT Bridge Management Unit
Paul Garrett – NCDOT Bridge Management Unit
Jim Barcomb – URS
Morris Israelnaim – MI Engineering
Liz Phipps – KCI
Joe Kelvington -Stantec

- 1) **Review of Previous Meeting Minutes** - Minutes were reviewed, accepted and have been posted to the Structure Design Web Site.
- 2) **Bridge Design Workshop Series** – future topics were discussed.
 - a) It was noted that the Bascule Bridge workshop went well, but no questionnaire was circulated. Noted that the committee would circulate for input.
 - b) Not ready for PDA workshop – all data not analyzed.
 - c) Several items were removed from the list
 - d) LRFR Rating opportunity possibly in September/October timeframe.
 - e) Several other ideas conceived – Coastal wave, D-B effects of longer spans/wider spacing, Hydro Demolition, Hydraulics including scour and bridge opening sizing

Holderman identify speakers. Barcomb will contact to setup Rural Center.

- 3) **Training Opportunities** – ACEC/DOT Joint Conference identified on October 12.
- 4) **Structure Policy Memos** – Raynor presented overview of recent changes.
 - [Standard Drawing Memo – May 6, 2010](#)
 - [Drilled Piers – May 11, 2010](#)
 - [PSP Revisions – May 2, 2010](#)
 - Staged Construction of Culverts – June 4, 2010
 - Revised Design Manual Figures – June 22, 2010
 - Design Manual Revisions (Chapter 6) – July 23, 2010
- 5) **Anticipated PEF Advertisements**
 - a) Vessel Impact advertised May 1.
 - b) Division Design-Build LID Bridge project - \$8M
 - i) Divisions 1,6,7 and 13 centrally advertised (2 at each advertisement)
 - ii) Advertisement expected August 15 and September 15.
 - iii) Letting in December and January
 - iv) Remaining projects designed through LSC contracts

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- 6) **Technical Discussions** – use of stainless steel reinforcement in splash zone for Bonner, and use of lightweight concrete decks/parapets and sand lightweight concrete girders
- 7) **Other Topics** – anticipate R-2633 to be divided into BA and BB sections. Bridge expected to push to 2014.
- 8) **Next Meetings** - November 1, 2010, 10:00 am