



MEETING AGENDA

342 - Evaluation of Concrete Bridges and Bridge Elements ACI Fall Convention 2015

Meeting Schedule: Sunday November 8, 2015 (8:30 AM-10:00 am)
Sheraton Hotel (Denver, CO)– Terrace Room

Mission: Develop and report information on evaluation of concrete bridges and bridge elements.

Goals: 1) Develop new document, "Live Load Distribution for Existing Bridge Evaluation"; 2) Develop technical session.

Committee Members

VOTING MEMBERS

Devin Harris – University of Virginia (Chair)
Riyadh Hindi – St. Louis University (Secretary)
Rita Oglesby – (Secretary)
Om Dixit - Dixit Consultants LLC
Andrew Foden Parsons Brinckerhoff
Andre Garner - Garner Consulting Group
Mohamed Mahgoub - New Jersey Institute of Technology

Bruno Massicotte - Ecole Polytechnique Montreal
John Myers - Missouri S&T
Larry Olson - Olson Engineering Inc.
Ayman Salama - Transystems
Johan Silfwerbrand - KTH Royal Institute of Technology
Jeffrey Smith – University of Kentucky
Mark Williams - Walter P Moore

Invited Guests

- Eva Lantsoght - Assistant Professor Universidad San Francisco de Quito (Ecuador)

1. Administrative [5 min]

1.1. Attendance

1.2. Final Review Approval of the previous meeting's minutes.

- The previous meeting's minutes were posted online for review. We currently do not have meeting minutes for the meetings in Washington DC (Fall 2014) or Reno (Spring 2014), if anyone has notes from these meetings, please send them to Devin Harris so that we can at least have a skeleton for the minutes.

1.3. Intervening actions since last meeting.

- Devin Harris attended the ACI Committee Chair's training workshop at ACI HQ in Farmington Hills, MI (September 2015).
 - Informal information provided about LDF document: 342R-15: Report on Flexural Live Load Distribution Methods for Evaluating Existing Bridges was approved and undergoing editorial review. Devin Harris working on final editorial changes from ACI.

2. Strategic Planning and Discussion [25 min]

2.1. Committee Mission and Goals

2.2. Membership Roles

- 2.2.1. Secretary and Other Leadership Roles
- 2.2.2. Special Publications and Sessions Lead



- 2.2.3. Committee liaisons (341, 343, 345, 444, TRB, ASCE, etc.)
- 2.2.4. New membership focus
3. Documents Under Development [25]
 - 3.1. **342.YR:** *Concrete Bridge Condition Assessment and Performance Monitoring*
4. Invited Speaker Presentation [10 min]
 - 4.1. Dr. Eva Lantsoght - Assistant Professor Universidad San Francisco de Quito (Ecuador) –
“*Proof loading of existing reinforced concrete bridges in The Netherlands*”
5. New Business [15 min]
 - 5.1. Sessions and SP focus topics for future conventions
 - I would like this committee to focus on having at least one session per year. Topics for consideration:
 - *Roll out of LDF Report*
 - *Load Rating of Concrete Bridges*
 - *Field Testing of Concrete Bridges (Diagnostic, Proof)*
 - *Analysis of Existing Concrete Bridges*
 - *Non-destructive and Destructive Evaluation of Concrete Bridges*
 - *Data Analytics for Concrete Bridge Evaluation*
 - *SHM of Concrete Bridges*
6. Relevant Sessions for Current Convention [5 min]
 - Design and Performance of Concrete Bridges and Buildings When Interacting with Soils and Foundations, Part 1 of 2 - Monday, November 9, 2015 1:30 PM - 3:30 PM, GOVERNOR'S SQUARE 12
 - Design and Performance of Concrete Bridges and Buildings When Interacting with Soils and Foundations, Part 2 of 2 - Monday, November 9, 2015 4:00 PM - 6:00 PM, GOVERNOR'S SQUARE 12
 - SHM Real-Life Applications, Part 1 of 2 - Wednesday, November 11, 2015 8:30 AM - 10:30 AM, GOVERNOR'S SQUARE 11
 - SHM Real-Life Applications, Part 2 of 2 - Wednesday, November 11, 2015 11:00 AM - 1:00 PM, GOVERNOR'S SQUARE 11
7. Upcoming Sessions at Future Conventions [5 min]
 - ACI Fall Convention 2016 - Philadelphia, PA - *Evaluation and Response of Bridges Subjected to Non-conventional Live or Extreme Loads, Part 1 of 3 (Y. Kim)*
8. Adjournment
 - The next meeting(s) will be on April 17th, 2016 (8:30-10am) - tentatively