MEETING AGENDA
342 - Evaluation of Concrete Bridges and Bridge Elements
ACI Spring Convention 2018
Meeting Schedule: Sunday March 25, 2018 (8:30 AM-10:30 am)
GA-Imperial Ballroom D (Salt Lake City, UT)

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

Goals: The committee seeks to provide guidance related to existing concrete bridges for professionals in the areas of bridge evaluation, inspection, and testing. With this charge, the committee aims to advance the state of the art of concrete bridge and bridge element evaluation through: 1) developing technical sessions; 2) developing Special Publications; and 3) disseminating committee expertise through technical document development.

Committee Members
VOTING MEMBERS
Devin Harris – University of Virginia (Chair)       Bruno Massicotte - Ecole Polytechnique
Nestor Rubiano – HNTB Corporation (Secretary)     Montreal
Om Dixit - Dixit Consultants LLC                  John Myers - Missouri S&T
Andrew Foden Parsons Brinckerhoff                 Rita Oglesby
Andre Garner - Garner Consulting Group            Larry Olson - Olson Engineering Inc.
Brock Hedegaard, University of Wisconsin          Johan Silfwerbrand - KTH Royal Institute of Technology
Riyadh Hindi – St. Louis University               Jeffrey Smith – University of Kentucky
Jimmy Kim – University of Colorado Denver         Mark Williams - Walter P Moore
Mohamed Mahgoub - New Jersey Institute of Technology

1. Mini Session [60 min]
   1.1. Moderators: Khatereh Vaghefi, Nestor R Rubiano
   1.2. Speakers: Khatereh Vaghefi, Michael Lenett, and Eli Hernandez
2. Administrative [5 min]
   2.1. Introductions
   2.2. Announcements
   2.3. Intervening actions since last meeting.
3. Strategic Planning and Discussion [10 min]
   3.1. Membership
   3.2. Other committee/organization activities
4. Documents Under Development [20 min]
   4.1. 342.YR: Concrete Bridge Condition Assessment and Performance Monitoring
5. Invited Speaker Presentation - none
   5.1. Proposed speaker for Fall Convention (Reno, NV)
6. New Business [15 min]
   6.1. Sessions and SP focus topics for future conventions
• Proposed Sessions
  o Las Vegas, NV - Fall 2018
    ▪ Advanced Analysis and Testing Methods for Concrete Bridge Evaluation
      (Bruno Massicotte and Ben Dymond) – Las Vegas, NV (Bruno Massicotte and
      Ben Dymond) – Las Vegas, NV (not approved)
  o Quebec City, QC - Spring 2019
    ▪ Innovative Techniques for Monitoring and Evaluating Concrete Bridges
      and Bridge Elements (submitted – 2 sessions proposed)
  o Cincinnati, OH - Fall 2019
    • Topics?

• Potential Session Topics
  o Forensic Analysis of Concrete Bridges
  o Post Construction Evaluation of Concrete Bridges
  o Analysis of Existing Concrete Bridges (above)
  o Data Analytics for Concrete Bridge Evaluation
  o SHM of Concrete Bridges
  o Innovative techniques for evaluating concrete bridges/elements ✓
  o Load Rating of Concrete Bridges ✓
  o Non-destructive and Destructive Evaluation of Concrete Bridges ✓
  o Field Testing of Concrete Bridges (Diagnostic, Proof) ✓

7. Relevant Sessions for Current Convention [4 min]
• Hot Topic Session: Accelerated Bridge Construction - Sun, March 25, 2018 8:00 PM - 10:00 PM, GA-Audubon
• Rating Methods for Defining Performance of Existing Concrete Bridges - Mon, March 26, 2018
  4:00 PM - 6:00 PM, GA-Riviera
• Seismic Repair and Retrofit of Concrete Bridges - Sun, March 25, 2018 3:30 PM - 5:30 PM, GA-Audubon
• Accelerated Bridge Construction (ABC)—Component and System Behavior - Mon, March 26, 2018 11:00 AM - 1:00 PM, GA-Milano
• Advances in Concrete Bridges: Design, Construction, Evaluation, and Rehabilitation, Part 1 of 2 - Mon, March 26, 2018 4:00 PM - 6:00 PM, GA-Milano
• Advances in Concrete Bridges: Design, Construction, Evaluation, and Rehabilitation, Part 2 of 2 - Tue, March 27, 2018 8:30 AM - 10:30 AM, GA-Milano
• Analysis and Interpretation of Structural Health Monitoring (SHM) Data: Big Data Management
  and Field Studies - Tue, March 27, 2018 11:00 AM - 1:00 PM, GA-Riviera

8. Upcoming Sessions at Future Conventions [5 min]
9. Other Announcements [1 min]
• Bridge Engineering Institute Conference 2019 (BEI-2019) - July 22 to 25, 2019 - Honolulu, Hawaii, USA (www.beibridge.org) - Jimmy Kim
• Call for abstracts for an article collection on load testing for Frontiers in the Built Environment – Eva Lantsoght

10. Adjournment
• The next meeting(s) will be on October 21st, 2018 (8:30-10:30am) – tentatively