ACI-SEI Committee 343
Concrete Bridge Design

Agenda
Monday, March 25, 2019
10:00 am – 12:00 noon

Convention Centre
Quebec City, Quebec
Meeting Room: C-303B

Mini-Session (10:00 – 11:00)
Bridge Loads, Load Effects, & Weigh-in-Motion Measurements
Monday, March 25
10:00-11:00
Moderators Andy Nowak & Michael Brown

Business Meeting (11:00-12:00)
1. Call to Order and Attendee Introductions
2. Committee 343 Fall 2018 (Las Vegas) Meeting Minutes [approved by web ballot, available online]
3. Membership changes and status
4. Status of Committee 343 Conference Technical Sessions and Special Publications
   Spring 2019 – Quebec City, Canada
   Advanced Analysis and Testing Methods for Concrete Bridge Evaluation and Design (2-part session) (Ben Dymond)
   Bridge Loads, Load Effects, & Weigh-in-Motion Measurements

   Fall 2019 – Cincinnati, OH (final requests, mini-sessions are due March 29, 2019)
   Fire Design, Performance, Mitigation, and Strengthening for Concrete Bridges (Nur Yazdani)
   Use of Bridge Information Modeling and Parametric Modeling (Catherine Hovell) (with ACI 131/FHWA?)

   Spring 2020 – Chicago, IL (preliminary requests are due March 29, 2019)
   Fall 2020 – Raleigh, NC

Future Sessions
Effect of Transverse Systems on the Behavior of Bridge Superstructures (Riyadh Hindi, Ben Dymond) – Chicago best-case; depending on progress of speaker solicitation
Innovations in Reinforced Concrete Bridge Deck Design (Hani Nassif)
Open floor for new session topics. Possible mini-sessions (1 hour in length, request due 6 months ahead)? Workshops?

5. **Old Business**

   **Document revisions**
   A. ACI 343R-95 “Analysis and Design of Reinforced Concrete Bridge Structures”
      Status of submittal to TAC
   B. 343.1R-12 Guideways Document
      Status of vote on re-approval
      Catherine Hovell
   C. Bridge Deck Design Document
      • Subcommittee roster
      • Preliminary outline
      Yasser Khodair
   D. ABC in Bridge Design Document
      Jimmy Kim

   **Other topics of committee interest**
   E. ASCE/SEI involvement – Structures Congress activities
      April 5-7, 2020, St. Louis, MO

6. **New Business**

   A. Dissolution of inactive subcommittees
      • 343-0A – Design
      • 343-0C – Preliminary Evaluation
      • 343-0D – Loads
      • 343-0E – Analysis
      • 343-0H – Detailing and Constructability
      Ahmed Ibrahim
      Nur Yazdani
      Andy Nowak
      Sameh Badie
      Mohsen Issa
   B. Review of maintained subcommittees
      • 343-0B – Bridge Design
      • 343-0F – Guideway Structures
      • 343-0G – Editorial
      Yasser Khodair
      VACANT
      Michael Brown

7. **Announcements**

   **Upcoming Technical Meetings of Interest**
   1. ACI Spring Convention March 24-28, 2019 Quebec City, Canada
   2. ASCE Structures Congress April 24-27, 2019 Orlando, FL
   3. International Bridge Conference June 10-12, 2019 National Harbor, MD
   4. AASHTO Bridge June 24-27, 2019 Montgomery, AL
   5. PCI Committee Days Sept. 25-28, 2019 Chicago, IL
   6. ACI Fall Convention Oct. 20-24, 2019 Cincinnati, OH
   7. ASBI Annual Convention Nov. 4-6, 2019 Orlando, FL
   8. Bridge Engineering Institute Conference July 22-25, 2019 Honolulu, HI

8. **Next Meeting**

   Fall 2020 (March 20-24), Cincinnati, Ohio
   ACI-SEI Committee 343 will request to meet again on Monday morning at 10 AM.

**Adjourn**