



# 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)

*Structural Health Monitoring for Bridges (Michael Brown, ACI 444/342?)*

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**