



# ACI-SEI Committee 343 Concrete Bridge Design

## Agenda

Monday, October 26, 2020

**1:00 pm – 3:00 pm EDT**

<https://global.gotomeeting.com/join/561558653>

+1 (872) 240-3212 Access Code: 561-558-653

### Mini-Session (1:00-2:00) Shear Behavior of UHPC Bridge Girders

Speakers:

- Tentative Shear Design Recommendations of UHPC Prestressed Concrete Members (Maher Tadros)
- Shear Performance of UHPC Bridge Girders (Benjamin Graybeal)

### Business Meeting (2:00-3:00)

1. **Call to Order and Attendee Introductions**
2. **Committee 343 Fall 2019 (Cincinnati) Meeting Minutes** [posted for web ballot, due 11/20/20]
3. **Membership changes and status**
4. **Status of Committee 343 Conference Technical Sessions and Special Publications**  
Fall 2020 – Virtual (343 is not hosting, but these may be of interest to the committee)
  - *Emerging Connections for Accelerated Bridge Construction (ABC)* (Sunday Oct. 25, 5-6pm EDT)
  - *State-of-the-Art Evaluation of Signature Concrete Bridges* (Thursday Oct. 29, 10am-12pm EDT) (hosted by Committee 342)
  - *Field Applications of Non-Conventional Reinforcing and Strengthening Methods for Bridges and Structures* (Tuesday Oct. 27, 1-3pm EDT; Wednesday Oct. 28, 10am-12pm EDT; Wednesday Oct. 28, 1-3pm EDT)

Spring 2021 – Baltimore, MD (final requests are due **October 30, 2020**)

*Innovations in Bridge Deck Design and Materials* (Nassif) – request is submitted

Fall 2021 – Atlanta, GA (preliminary requests are due **October 30, 2020**)

### Future Sessions

*Effect of Transverse Systems on the Behavior of Bridge Superstructures* (Hindi, Dymond)  
*Structural Health Monitoring for Bridges* (Brown, ACI 444/342?)

Open floor for new session topics. Possible mini-sessions (1 hour long, request 6 months ahead)?

5. **Old Business**

Document revisions

- A. ACI 343R-95 “Analysis and Design of Reinforced Concrete Bridge Structures”  
Status of submittal to TAC – currently with TAC staff
  
- B. 343.1R-12 Guideways Document Catherine Hovell  
Ballot has been posted for update to FRA reference document
  
- C. Bridge Deck Design Document Yasser Khodair
  
- D. ABC in Bridge Design Document Jimmy Kim

Other topics of committee interest

- E. ASCE/SEI involvement – Structures Congress activities

6. **New Business**

- A. Request for ACI Foundation’s Concrete Research Council Endorsement  
*Evaluating Effect of Internal Vibration on Concrete Mixtures for Transportation Construction Applications*
  
- B. BIM for Bridges
  
- C. Subcommittees
  - 343-0F – Guideway Structures VACANT
  - 343-0G – Editorial Michael Brown

7. **Announcements**

Upcoming Technical Meetings of Interest

- |                             |                      |               |
|-----------------------------|----------------------|---------------|
| 1. ASBI Annual Convention   | Oct. 26-28, 2020     | Virtual       |
| 2. TRB Annual Meeting       | Jan. 12-16, 2020     | Virtual       |
| 3. ACI Spring Convention    | Mar. 28-Apr. 1, 2021 | Baltimore, MD |
| 4. ASCE Structures Congress | Mar. 10-13, 2021     | Seattle, WA   |

8. **Next Meeting**

Spring 2021 (March 28-April 1), Baltimore, MD  
ACI-SEI Committee 343 will request to meet again on Monday morning at 10 AM.

**Adjourn**