



ACI-SEI Committee 343 Concrete Bridge Design

Agenda

Monday, October 18, 2021

11:00 am – 1:00 pm EDT

FALL 2021 CONVENTION - VIRTUAL

(GoToMeeting Connection information available to registered participants via
ACI Virtual Concrete Convention CrowdCompass tool)

Business Meeting (11:00-1:00)

1. **Call to Order and Attendee Introductions**
2. **Committee 343 Spring 2021 (Virtual) Meeting Minutes**
3. **Membership Changes and Status**
4. **Status of Committee 343 Conference Technical Sessions and Special Publications**

Fall 2021 – Atlanta, GA / Virtual

- *Live Load Distribution on Concrete Bridges: Design, Evaluation, Construction, and Innovation* (Yazdani, Dymond) Part 1: Mon, October 18th 1:00 PM - 3:00 PM; Part 2: Mon, October 18th 4:00 PM - 6:00 PM

Future Sessions

- *Effect of Transverse Systems on the Behavior of Bridge Superstructures* (Hindi)
- *Innovations in Bridge Deck Design and Materials* (Nassif)
- *Structural Load Testing and Monitoring for Concrete Bridge Evaluation* (Hedegaard)

Upcoming Conventions:

- SPRING 2022, Orlando, FL, Mar. 27-31
- FALL 2022, Dallas, TX, Oct. 23-27
- SPRING 2023, San Francisco, CA, Apr. 2-6
- FALL 2023, Boston, MA, Oct. 29-Nov. 2
- SPRING 2024, New Orleans, LA, Mar. 24-28

Open floor for new session topics.

Also consider possible mini-sessions (1-hour long, request 6 months ahead).

5. **Old Business**

Document Creation/Revisions

- A. PRC-343-XX “Reinforced Concrete Bridge Structure Analysis and Design--Guide”

Status: comments from TAC are being addressed, chapter leads are asked to report.

Ch 1 Introduction and Ch 2 Notations & Definitions – Brown

Ch 3 Preliminary Design – Yazdani

Ch 4 Materials – Nassif

Ch 5 Load – Nowak

Ch 6 Analysis – Badie

Ch 7 Design – Ibrahim

Ch 8 Detailing – Issa

- B. PRC-343.1-XX “Analysis and Design of Reinforced and Prestressed Concrete Guideway Structures” (revision/renewal due 11/2020) Catherine Hovell

- C. PRC-343.Y “Bridge Decks for Girder Bridges—Report” Yasser Khodair

- D. ABC in Bridge Design Document Jimmy Kim

- E. BIM for Bridges

6. **New Business**

- A. Subcommittees

343-0A Design	Ibrahim
343-0B Bridge Deck Design	Khodair
343-0C Preliminary Evaluation	Yazdani
343-0D Loads	Nowak
343-0E Analysis	Badie
343-0F Guideway Structures	VACANT
343-0G Editorial	Brown/Hovell
343-0H Detailing and Constructability	Issa

7. **Announcements**

Upcoming Technical Meetings of Interest

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|---|-------------------|----------------|
| 1. AASHTO Annual Meeting | Oct. 26-29, 2021 | San Diego, CA |
| 2. ASBI Annual Convention | Nov. 8-10, 2021 | Tucson, AZ |
| 3. ACI Spring Convention | March 27-31, 2021 | Orlando, FL |
| 4. ASCE-SEI Structures Congress | April 20-23, 2022 | Atlanta, GA |
| 5. AASHTO Bridges & Structures Annual Meeting | June 20-23, 2022 | Pittsburgh, PA |

8. **Next Meeting**

Spring 2022, March 28th, Orlando, FL

Adjourn