



ACI-SEI Committee 343 Concrete Bridge Design

Agenda

**Monday, October 16, 2017
10:00 am – 12:00 noon**

**Paradise Pier Hotel
Anaheim, CA
Meeting Room: P-San Diego**

1. **Call to Order and Attendee Introductions**
2. **Committee 343 Spring 2017 (Detroit) Meeting Minutes** - [approved by ballot, available on the website]
3. **Membership changes and status**
4. **Status of Committee 343 Conference Technical Sessions and Special Publications**

Spring 2018 – Salt Lake City, UT (Theme: Concrete Elevated)

Advances in Concrete Bridges: Design, Construction, and Rehabilitation, joint session with 342 and 345, moderator Jimmy Kim. Preliminary Approval for 3 sessions and SP received Nov. 2016.

UHPC – Innovations in Bridge Design, joint session with 239 and 544, moderator Wille. Preliminary Approval for 2 sessions received Nov. 2016.

Rating Methods for Defining Performance of Existing Concrete Bridges, joint session with 342, moderator Vaghefi. Preliminary Approval for 1 session received May 1, 2017.

Fall 2018 – Las Vegas, NV (Theme: Dream Big, Build Bigger)

None currently planned.

Future Sessions

Service Limit State in Bridge Design, in memory of Dr. Dennis Mertz (Hani Nassif, Andy Nowak)

Call for new session topics. Possible mini-sessions? Workshops?

5. Old Business

Document revisions

- A. ACI 343R-95 "Analysis and Design of Reinforced Concrete Bridge Structures" Progress update
Chapters Completed!
- | | | |
|------|----------------------------------|--------------|
| i. | 343-C: Preliminary Design (Ch 2) | Nur Yazdani |
| ii. | Materials (Ch 3) | Hani Nassif |
| iii. | 343-D: Loads (Ch 4) | Andrej Nowak |
| iv. | 343-E: Analysis (Ch 5) | Sameh Badie |
| v. | Bridge Deck Design (Ch 8) | |
- Chapters Remaining
- | | | |
|-----|---------------------------------------|--------------------|
| i. | 343-A: Design (Ch 6) | Ahmed Ibrahim |
| ii. | Detailing and Constructability (Ch 7) | Danielle Kleinhans |
- B. 343.XR "Report on Bridge Deck Design for Girder Bridges" Progress update
343-B: Bridge Deck Design Shri Bhide
- C. 343.1R-12 Guideways Document Progress update

Other topics of committee interest

- D. Involvement of 343 in High Speed Rail guidance Michael Brown

6. New Business

Should Committee 343 address Bridge Information Modeling/3D/4D Design?

Should Committee 343 address design of concrete bridges for service life/sustainability?

Should Committee 343 address ABC in bridge design?

Should Committee 343 address the role of the engineer in alternative delivery methods (design build, P3)?

Open floor

7. Announcements

Upcoming Technical Meetings of Interest

- | | | | |
|----|--------------------------|----------------------|--------------------|
| 1. | ACI Fall Convention | October 15-19, 2017 | Anaheim, CA |
| 2. | ASBI Annual Convention | October 23-25, 2017 | New York, NY |
| 3. | TRB Annual Meeting | January 7-11, 2018 | Washington, DC |
| 4. | World of Concrete | January 22-26, 2018 | Las Vegas, NV |
| 5. | PCI Convention | February 20-24, 2018 | Denver, CO |
| 6. | ACI Spring Convention | March 25-29, 2018 | Salt Lake City, UT |
| 7. | ASCE Structures Congress | April 19-21, 2018 | Fort Worth, TX |

8. Next Meeting

Spring 2018 (March 25-29), Salt Lake City, UT

ACI-SEI Committee 343 will request to meet again on Monday morning at 10 AM.

Adjourn