ACI-SEI Committee 343
Concrete Bridge Design

Agenda

Monday, March 26, 2018
10:00 am – 12:00 noon

Little America Hotel
Salt Lake City, UT
Meeting Room: LA-Olympus

1. Call to Order and Attendee Introductions

2. Committee 343 Fall 2017 (Anaheim) 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 2018 – Salt Lake City, UT (Theme: Concrete Elevated)
- Rating Methods for Defining Performance of Existing Concrete Bridges (Moderated by Khatereh Vaghefi & Nestor Rubiano; joint session with 342, 341 and 345)
  Sunday – 8:30am-9:30am – Mini Session, GA-Imperial Ballroom D
  Monday – 4:00pm-6:00pm – GA-Riviera
- Advances in Concrete Bridges: Design, Construction, and Rehabilitation (Moderated by Jimmy Kim; joint session with 342 and 345)
  Monday – 4:00pm-6:00pm – Part 1 of 2, GA-Milano
  Tuesday – 8:30am-10:30am – Part 2 of 2, GA-Milano
- UHPC – Innovations in Bridge Design (Moderated by Kay Wille; joint session with 239 and 544)
  Wednesday – 8:30am-10:30am – Part 1 of 2, GA-Milano
  Wednesday – 11:00am-1:00pm – Part 2 of 2, GA-Milano

Fall 2018 – Las Vegas, NV (Theme: Dream Big, Build Bigger) (mini session requests due March 30, 2018)
- The Dennis Mertz Symposium on Design and Evaluation of Concrete Bridges 3 sessions requests; will include and SP. (Hani Nassif, Andy Nowak; joint session with 342, 345 and 348).
- Advanced Analysis and Testing Methods for Concrete Bridge Evaluation and Design 2 sessions requested; will include an SP. (Ben Dymond, Riyadh Hindi)
- ?? Bridge Loads, Load Effects, & Weigh-in-Motion Measurements (mini-session, Rita Oglesby, Andy Nowak; joint session with 342 and 343)

Spring 2019 – Quebec City, Canada (preliminary requests are due March 30, 2018)
- ?? Innovations in Reinforced Concrete Bridge Deck Design (Hani Nassif)
None currently planned.

Future Sessions
Open floor - new sessions, mini-sessions (1 hour, request due 6 months ahead), workshops
• ?? Structural Health Monitoring for Bridges
• ?? Use of Bridge Information Modeling

5. Old Business

Document revisions
A. ACI 343R-95 “Analysis and Design of Reinforced Concrete Bridge Structures”
   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)
   Balloted Since Fall
   i. 343-A: Design (Ch 6) Ahmed Ibrahim

Chapters Remaining
   ii. Detailing and Constructability (Ch 7) Danielle Kleinman, Michael Brown

B. 343.XR "Report on Bridge Deck Design for Girder Bridges" (Brown)

C. 343.1R-12 " Guide for the Analysis and Design of Reinforced and Prestressed Concrete Guideway Structures" - Intent is to submit for re-approval as-is; Discuss potential updates (Hovell)

Other topics of committee interest
D. ABC in Bridge Design Jimmy Kim
E. Bridge Information Modeling Catherine Hovell

6. New Business

Open floor

7. Announcements

Upcoming Technical Meetings of Interest
1. ACI Spring Convention March 25-29, 2018 Salt Lake City, UT
2. ASCE Structures Congress April 19-21, 2018 Fort Worth, TX
3. International Bridge Conference June 11-14, 2018 National Harbor, MD
4. AASHTO Bridge June 25-28, 2018 Burlington, VT
5. PCI Committee Days October 10-13, 2018 Rosemont, IL
6. ACI Fall Convention October 14-18, 2018 Las Vegas, NV
7. ASBI Annual Convention November 5-7, 2018 Rosemont, IL
8. Bridge Engineering Institute Conference July 22-25, 2019 Honolulu, HI

8. Next Meeting

Fall 2018 (October 14-18), Las Vegas, NV
ACI-SEI Committee 343 will request to meet again on Monday morning at 10 AM.

Adjourn