

ACI Spring 2014 Convention

March 23-27, 2014

Grand Sierra Resort + Reno, NV



CONCRETE
ENDURES
ACI SPRING 2014

ACI COMMITTEE 341 MEETING

EARTHQUAKE-RESISTANT CONCRETE BRIDGES

Sunday, March 23, 2014

MAIN COMMITTEE

341 Earthquake-Resistant Concrete Bridges	Sunday	3:00 PM - 5:00 PM	SUMMIT PAVILION
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SUBCOMMITTEES

341-A Bridges-Columns	Sunday	9:30 AM - 11:00 AM	SHASTA 2
341-B Pier Walls	Sunday	8:00 AM - 9:30 AM	SHASTA 2
341-C Retrofit	Sunday	1:30 PM - 3:00 PM	N-9
341-D Performance-Based Design	Sunday	11:00 AM - 12:30 PM	SHASTA 2

OTHER BRIDGE COMMITTEES

342 Bridge Evaluation	Sunday	8:30 AM - 10:00 AM	RUBY 1
343 Bridge Design	Monday	10:00 AM - 12:00 PM	N-8 345 Bridge
345 Construction	Sun	1:30 PM - 3:30 PM	N-6

ACI 341 TECHNICAL SESSIONS

Tues, March 25, 2014
4:00 PM-6:00 PM

UHPC Innovation in Seismic Performance

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- 1) Call to order and introduction
 - 2) Approval of the meeting agenda
 - 3) Review and approval of the Dallas meeting minutes
 - 4) Committee and Subcommittee Updates & Membership
 - 5) Technical Sessions
 - a) **Fall 2014 — Spanning the Globe**
October 26-30, Hilton Washington
Washington, DC
Suggested topics: “Long Bridges to Span the Globe”; “Integrity of Seismically Retrofitted Bridges” (Hindi) – Potential speakers could include a lot of DOTs, FHWA; and Hindi would give one talk.
 - b) **Spring 2015 — Fountains of Concrete Knowledge**

April 12-15, Marriott & Kansas City Convention Center
Kansas City, MO

Possible topics: "State of the Art on Seismic Design of Bridges," (Potential volunteers include Silva and Mackie). Another session will focus on FE analysis jointly with ACI 447. Panagiotou will moderate this technical session with a member from 447 session.

c) **Fall 2015 — XXX**

November 8-12, Sheraton
Denver, CO

Seismic design of Segmental bridges. Mohamed will submit the preliminary approval paperwork.

d) **Spring 2016 — XXX**

April 17-21, Hyatt & Frontier Airlines Center
Milwaukee, WI

6) Sub-Committee Reports

- a) Performance Based Seismic Design of Bridge Columns (Aschheim, Rodriguez)
- b) Wall Piers (Burgueño)
- c) Retrofit and Repair (Despradel, Andrawes)
- d) Performance Based Seismic Design of Bridges (Silva)
- e) Seismic Analysis and Design of Concrete Bridge Systems (Anderson)
- f) Bearings and Expansion Joints (Watson)
- g) Others

7) Report from other ACI committees

- a) ACI 342 Evaluation of Concrete Bridges and Bridge Elements
- b) ACI 343 Concrete Bridge Design (Joint ACI-ASCE)
- c) ACI 345 Concrete Bridge Construction, Maintenance, and Repair
- d) ACI Committees 352 (Joints and Connections in Monolithic Concrete Structures, Joint ACI-ASCE), 374 (Performance-Based Seismic Design of Concrete Buildings), and 441 (Reinforced Concrete Columns, Joint ACI-ASCE)

8) Future Meetings

9) Update from TAC - Michael Sprinkel

10) Other Business

11) Presentation

"Use of Concrete Filled Tubes for Enhanced Seismic Resilience and Accelerated Bridge Construction" by Prof. Dawn Lehman, University of Washington