

**ACI COMMITTEE 341 MEETING
EARTHQUAKE-RESISTANT CONCRETE BRIDGES
Sunday, October 23, 2016
Philadelphia Marriott Downtown, Philadelphia, PA**



MAIN COMMITTEE

341 Main Committee SALON I	Sunday	3:00 PM - 5:00 PM	GRAND BALLROOM
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SUBCOMMITTEES

341-A Bridges-Columns	Sunday	1:30 PM - 3:00 PM	ROOM 303
341-B Pier Walls	Sunday	8:00 AM - 9:30 AM	ROOM 303
341-C Retrofit	Sunday	9:30 AM - 11:00 AM	ROOM 303
341-D Performance-Based Design	Sunday	11:00 AM - 12:30 PM	ROOM 303

OTHER BRIDGE COMMITTEES

342 Bridge Evaluation SALON I	Sunday	8:30 AM - 10:30 AM	GRAND BALLROOM
343 Bridge Design	Monday	10:00 AM - 12:00 PM	ROOM 408-409
345 Construction	Sunday	1:30 PM - 3:30 PM	ROOM 407

MEETING AGENDA

- 1) Call to order and introduction
- 2) Approval of the meeting agenda
- 3) Review and approval of the Milwaukee meeting minutes
- 4) Membership updates, Committee and subcommittee updates
- 5) Technical Sessions

Fall 2016 — Revolutionary Concrete

October 23-27, Marriott Philadelphia, Philadelphia, PA

- 1.) Seismic Repair and Retrofit of Bridges (Alam), Final session request not submitted
- 2.) Recent Advances in Accelerated Bridge Construction (ABC) for Seismic Zones (Haber), preliminary request declined
- 3.) Tsunami-related design (Sritharan), joint with other bridge committees, was never finalized?

Spring 2017 — Driving Concrete Technology

March 26-30, Marriott Detroit at Renaissance Center, Detroit, MI

Preliminary session request: April 22, 2016

Final session request: October 28, 2016

Proposed sessions?

Column document session based on the recent document (from 341 A).

High performance concrete, sensing, geopolymer concrete (Elgawady), cosponsored with material committee.

Modeling of bridges, performance acceptance through modeling (Abdel-Mohti).

Hollow core columns session can be rebranded to performance of columns.

Fall 2017 — Making Connections

October 15 – 19, Disneyland Hotel, Anaheim, CA

Preliminary session request: October 28, 2016

Final session request: May 1, 2017

Proposed sessions?

Resubmit ABC session (Haber).

Sessions to support the Retrofit and PBD subcommittees. Performance-based seismic design example studies could be presented but solicit engagement from broader audience.

Spring 2018

March 25-29, Grand America & Little America

Preliminary session request: May 1, 2017

Final session request: October 20, 2017

Proposed sessions?

Revisit an isolation session (Watson). Maybe include joints and bearings.

6) Sub-Committee Reports

- a) Performance Based Seismic Design of Bridge Columns (ElGawady, Gencturk)
- b) Wall Piers (Burgueño, Beyer)
- c) Retrofit and Repair (Alam, Despradel)
- d) Performance Based Seismic Design of Bridges (Silva)
- e) Bearings and Expansion Joints (Watson)
- f) 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 – Professor Cathy French

10) Other Business

PRESENTATIONS

Diego Aguirre, Ph.D. Candidate

North Carolina State University

“Seismic Performance of Reinforced Concrete Filled Steel Tubes in Soil”