



ACI COMMITTEE 341 MEETING - EARTHQUAKE-RESISTANT CONCRETE BRIDGES

Sunday, March 26, 2017

Detroit Marriott at the Renaissance Center, Detroit, MI

MAIN COMMITTEE

341 Earthquake-Resistant Concrete Bridges Sunday 3:00 PM - 5:00 PM H-Cadillac B

SUBCOMMITTEES

341-A Bridges-Columns	Sunday	9:00 AM – 10:30 AM	GM-Training Room 14
341-B Pier Walls	Sunday	10:30 AM – 11:30 AM	GM-Training Room 14
341-C Retrofit	Sunday	12:30 PM – 1:30 PM	GM-Training Room 14
341-D PBD	Sunday	1:30 PM – 3:00 PM	GM-Training Room 14

OTHER BRIDGE COMMITTEES

342 Bridge Evaluation	Sunday	8:30 AM - 10:30 AM	H-Nicolet A
343 Bridge Design	Monday	10:00 AM - 12:00 PM	H-Greco
345 Construction	Sunday	1:30 PM - 3:30 PM	H-Duluth A

MEETING AGENDA

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

Spring 2017 – Driving Concrete Technology

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

- No sessions approved/submitted for final approval
- 4-5 talks identified out of 341A in Philadelphia to support the new document outline not approved, consider mini-sessions within subcommittee meeting times?

Fall 2017 – Making Connections

October 15 – 19, Disneyland Hotel, Anaheim, CA

Preliminary session request: October 28, 2016

Final session request: March 31, 2017

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

Structural applications of UHPC, joint with UHPC committee (Elgawady)

ABC session (Tazarv, Haber)

More general version of Seismic Repair and Retrofit of Bridges that includes modeling of deteriorated structures and modeling for repair (Alam)

Spring 2018 – Concrete Elevated

March 25-29, Grand America & Little America, Salt Lake City, UT

Preliminary session request: March 31, 2017

Final session request: October 20, 2017

High speed rail and light rail (Nadim and Shukre)

Analysis and modeling session (like SOA from recent projects completed, not to overlap with Abdel-Mohti session) (Moustafa)

Fall 2018

October 14-18, Rio All-Suites Hotel & Casino, Las Vegas, NV

Preliminary session request: October 20, 2017

Final session request: March 30, 2018

Proposed sessions?

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

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, Andrawes)
 - 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 – Cathy French

- 10) Other Business