



HIGHLIGHTS

- 1.) Emerging Connections for Accelerated Bridge Construction (ABC) mini session (during 341 main 5:00-6:00 PM)
- 2.) Second virtual committee meeting in a row!

**ACI 341 - EARTHQUAKE-RESISTANT CONCRETE BRIDGES
Sunday, October 25, 2020**

Previously Raleigh, NC, now virtual (all times EDT UTC-4)

MAIN COMMITTEE

341	Main Committee	Sunday	5:00 PM - 8:00 PM	[link]
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SUBCOMMITTEES

341-A	Columns	Sunday	3:30 PM – 5:00 PM	[link]
341-C	Retrofit	Sunday	1:00 PM – 2:30 PM	[link]

OTHER BRIDGE COMMITTEES

342	Bridge Evaluation	Sunday	11:30 AM - 1:30 PM	□
343	Bridge Design	Monday	1:00 PM - 3:00 PM	□
345	Construction	Sunday	4:30 PM - 6:30 PM	□

MINI-SESSION (5:00-6:00 PM)

1. Mechanically Spliced Precast Bridge Columns for High-Seismic Regions – Tazarv
2. A Novel Precast Pier System for Accelerated Bridge Construction in Seismic Regions – Mashal
3. Applications of Advanced Materials for Full-Depth Precast Bridge Deck Panels – Moustafa
4. ABC Bridge Column-Footing Connections with Recessed Grouted Splice Sleeve Connectors – Pantelides

MEETING AGENDA

- 1) Call to order and introduction
- 2) Approval of the meeting agenda
- 3) Review and approval of the Rosemont (virtual) meeting minutes
- 4) Membership updates, committee and subcommittee updates
 - Brief presentation by Nathalie Roy in support of ballot on “Toward a confinement design methodology for seismic strengthening and durability improvement of reinforced concrete columns jacketed with UHP(FR)C”
- 5) Technical sessions

Fall 2020 – Theme TBD

October 25-29, Formerly at Raleigh Convention Center & Raleigh Marriott, Raleigh, NC

- Emerging Connections for Accelerated Bridge Construction (ABC) mini-session (during 341 main 5:00-6:00 PM), Moderator Tazarv

Spring 2021 – Theme TBD

March 28-April 1, Hilton & Marriott Baltimore, Baltimore, MD

- Preliminary session request: April 3, 2020
- Final session request: October 30, 2020
- Sessions moved from Spring 2020 in Chicago
 - Exploiting SSI Effects in Structural Design of Bridges, Moderators Pantazopoulou and Mackie. Session dedicated to memory of Mark Aschheim
 - Multi-Hazard Assessment of Reinforced Concrete Structures, Moderators Gencturk and Gardoni. Joint session with MAE dedicated to memory of Mark Aschheim
- Proposed sessions
 - Seismic Repair/Retrofit/Strengthening of Bridges at the Element of System Level (two-part session), Moderator Alam

Fall 2021 – Theme TBD

October 17-21, Hilton Atlanta Downtown, Atlanta, GA

- Preliminary session request: October 30, 2020
- Final session request: April 2, 2021
- Proposed sessions
 - New and novel bridge systems (not just columns) for seismic regions, should investigate prestress applications, post-tensioning and pier enlargement
 - Showcase of new global seismic bridge projects recently constructed (Naimi)

Spring 2022 – Theme TBD

March 27-31, Caribe Royal Orlando, Orlando, FL

- Preliminary session request: April 2, 2021
- Final session request: October 22, 2021
- Proposed sessions
 - High speed rail and light rail (perhaps joint session with UTC on railways)
 - New ideas?

Non-ACI Technical Sessions

- Will not include during Covid-19

6) Sub-Committee Reports

- a) Performance Based Seismic Design of Bridge Columns (ElGawady, Gencturk)
- b) Wall Piers (Burgueño, Beyer)
- c) Retrofit and Repair (Alam)
- d) Performance Based Seismic Design of Bridges (Moustafa)
- e) Bearings and Expansion Joints (Watson)

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) Update from TAC – Robert Frosch
- 9) Future Meetings
- 10) Other Business