



HIGHLIGHTS

- 1.) Exploiting SSI Effects in Structural Design of Bridges technical session (Monday 1:00-3:00 PM)
- 2.) Third virtual committee meeting in a row!

**ACI 341 - EARTHQUAKE-RESISTANT CONCRETE BRIDGES
Sunday, March 28, 2021**

Previously Baltimore, MD, now virtual (all times EDT UTC-4)

MAIN COMMITTEE

341 Main Committee Sunday 3:00 PM - 5:00 PM [\[link\]](#)

SUBCOMMITTEES

341-A Columns Sunday 1:00 PM – 2:00 PM [\[link\]](#)
 341-C Retrofit Sunday 2:00 PM – 3:00 PM [\[link\]](#)

OTHER BRIDGE COMMITTEES

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

MEETING AGENDA

- 1) Call to order and introduction
- 2) Approval of the meeting agenda
- 3) Review and approval of the Raleigh/virtual meeting minutes
- 4) Membership updates, committee and subcommittee updates
- 5) Technical sessions

Spring 2021 – Virtual Convention

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

- Exploiting SSI Effects in Structural Design of Bridges, Monday March 29 1:00 PM – 3:00 PM, Moderators Pantazopoulou and Mackie. Session dedicated to memory of Mark Aschheim

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
 - Multi-Hazard Assessment of Reinforced Concrete Structures, Moderators Gencturk and Gardoni. Joint session with MAE dedicated to memory of Mark Aschheim (moved a few times due to virtual conventions)
 - Seismic Repair/Retrofit/Strengthening of Bridges at the Element of System Level (two-part session), Moderator Alam

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
 - 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)

Fall 2022 – Theme TBD

October 23-27, Hyatt Regency Dallas, Dallas, TX

- Preliminary session request: October 22, 2021
- Final session request: April 1, 2022
- 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