

**ACI COMMITTEE 341 MEETING  
EARTHQUAKE-RESISTANT CONCRETE BRIDGES  
Sunday, November 2, 2008**

The Spirit of Concrete, Renaissance Grand and America's Center, St. Louis, MO

**MAIN COMMITTEE**

341 Earthquake-Resistant Concrete Bridges      Sun    3:00p to 5:00p      C-232

**SUBCOMMITTEES**

341-A Columns      Sun    9:30a to 11:00a      C-232

341-B Pier Walls      Sun    11:00a to 12:30p      C-232

341-C Retrofit      Sun    1:30p to 3:00p      C-232

341-D Performance Based Seismic Design      Sun    8:00a to 9:30a      C-232

**OTHER BRIDGE COMMITTEES**

342 Bridge Evaluation      Sun    8:30a to 10:00a      R-Kingsbury

343 Bridge Design      Mon    10:00a to 1:00p      R-Majestic Ballroom H

345 Bridge Construction      Sun    1:00p to 3:00p      R-Lucas

**ACI 341 TECHNICAL SESSIONS**

Tue, Nov 4    2p to 5p      Seismic Design and Detailing of      C-240  
Bridge Protection Systems

Wed, Nov 5    9a to 12p      The Spirit of Structural Concrete in Performance      C-230  
Based Seismic Design of Bridges, Part 1

Wed, Nov 5    2p to 5p      The Spirit of Structural Concrete in Performance      C-230  
Based Seismic Design of Bridges, Part 2

- 1) Call to order and introduction
- 2) Approval of the meeting agenda
- 3) Review and approval of the Los Angeles meeting minutes
- 4) Committee and Subcommittee Updates & Membership
- 5) Technical Sessions
  - a) **Fall 2008 – The Spirit of Concrete**  
November 2-6, 2008, Renaissance Grand & America's Center, St. Louis, MO
    - i) ***Seismic Design and Detailing of Bridge Protection Systems***  
- Watson and Zhong-Brisbois
    - ii) ***The Spirit of Structural Concrete in Performance-Based Seismic Design of Bridges, Parts 1 & 2***  
- Silva and Abdou

- b) **Spring 2009 – Infrastructure Concrete Practice & Placement**  
March 15-19, 2009, Marriott River Center, San Antonio, TX
  - i) ***Practice & Placement of Structural Concrete in Seismic Design of Bridge Infrastructure***  
- Andrawes and Zhong-Brisbois
- c) **Fall 2009 – Spice Up Your Concrete**  
November 8-12, 2009, Marriott New Orleans, New Orleans, LA
  - i) ***How Do You Spice Up a Concrete Bridge to be Earthquake-Resistant?***  
- Kowalsky and Browning
- d) **Spring 2010 – Xtreme Concrete**  
March 21-25, 2010, Sheraton, Chicago, IL
  - i) ***High Performance Concrete for Seismic Design of Bridges***  
- Hindi and Zhao
- e) **Fall 2010 – Green Concrete in the Steel City**  
October 24-28, Westin & Convention Center, Pittsburgh, PA
  - i) ***Role of Green Concrete vs. Steel in Earthquake-Resistant Design of Bridges***  
- Hieber and TBA

6) Sub-Committee Reports

- a) Performance Based Seismic Design of Bridge Columns (Aschheim, Rodriguez)
- b) Wall Piers (Abo-Shadi)
- c) Retrofit and Repair (Despradel)
- 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) Presentations

“Online Programs for Displacement-Based Design of Highway Bridges” by Dr. Vinicio Suarez, Director of Civil Engineering School, Universidad Tecnica Particular de Loja, Ecuador.