

**ACI COMMITTEE 341 MEETING
EARTHQUAKE-RESISTANT CONCRETE BRIDGES**

Sunday, October 14, 2007

Puerto Rico Bridges the Americas, El Conquistador Resort & Spa, Fajardo, Puerto Rico

MAIN COMMITTEE

341 Earthquake-Resistant Concrete Bridges Sun 3:00p to 4:45p Salon 3

SUBCOMMITTEES

341-A Columns Sun 9:30a to 11:00a Icacó B

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

341-C Retrofit and Repair Sun 1:30p to 3:00p Icacó B

341-D Performance Based Seismic Design Sun 8:00a to 9:30a Icacó B

OTHER BRIDGE COMMITTEES

342 Bridge Evaluation Sun 8:00a to 9:30a Vieques A

343 Bridge Design Mon 10:00a to 1:00p Flamboyán A

345 Bridge Construction Sun 1:30p to 3:00p Salon 3

ACI 341 TECHNICAL SESSION

Mon, Oct 15 2p to 5p Towards Better Bridge Design and Analysis:
Lessons Learned from Recent Strong Earthquakes Atlantic Salon 3

- 1) Call to order and introduction
- 2) Review and approval of the Atlanta meeting minutes
- 3) Committee and Subcommittee Membership
- 4) Technical Sessions
 - a) **Fall 2007 – Puerto Rico Bridges the Americas**
October 14-18, 2007, El Conquistador Resort & Spa, Fajardo, Puerto Rico
 - i) ***Towards Better Bridge Design and Analysis: Lessons Learned From Recent Strong Earthquakes*** - Salama and Silva
 - b) **Spring 2008 – Design and Construction Compatibility**
March 30-April 3, 2008, Hyatt Regency Century Plaza, Los Angeles, CA
 - i) ***Recent Advancements in Seismic Design and Construction of Concrete Bridges***
- Sritharan and Charles Sikorsky (Caltrans)
 - c) **Fall 2008 – The Spirit of Concrete**
November 2-6, 2008, Renaissance Grand & America's Center, St. Louis, MO
 - i) ***The Spirit of Structural Concrete in Performance-Based Seismic Design of Bridges***
- Silva and Hines
 - ii) ***Seismic Design and Detailing of Bridge Protection Systems***
- Watson and Zhong-Brisbois
 - d) **Spring 2009 – Infrastructure Concrete Practice & Placement**
March 15-19, 2009, Marriott River Center, San Antonio, TX
 - i) Suggested Session? ***The Practice & Placement of Structural Concrete in Seismic Design of Bridge Infrastructure***
 - e) **Fall 2009 – Spice Up Your Concrete**

November 8-12, 2009, Marriott New Orleans, New Orleans, LA

- i) Suggested Session? *How Do You Spice Up a Concrete Bridge to be Earthquake-Resistant?*
- Andrawes and ?????

5) Sub-Committee Reports

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

6) 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, 374, and 441

7) Future Meetings

8) Update from TAC (David Sanders)

9) Other Business

10) Presentations – TBA