

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

**Sunday, March 21, 2010**

Xtreme Concrete, Sheraton Chicago, Chicago, IL



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**MAIN COMMITTEE**

341 Earthquake-Resistant Concrete Bridges      Sun      3p-5p      CHICAGO 8

**SUBCOMMITTEES**

341-A Columns	Sun	11:00am to 12:30pm	ARKANSAS
341-B Pier Walls	Sun	1:30pm to 3:00pm	ARKANSAS
341-C Retrofit	Sun	8:00am to 9:30am	ARKANSAS
341-D Performance Based Seismic Design	Sun	9:30am to 11:00am	ARKANSAS

**OTHER BRIDGE COMMITTEES**

342 Bridge Evaluation	Sun	8:30am to 10:00am	ERIE
343 Bridge Design	Mon	10:00am to 1:00pm	COLORADO
345 Bridge Construction	Sun	1:00pm to 3:00pm	MAYFAIR

**ACI 341 TECHNICAL SESSION**

None

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- 1) Call to order and introduction
- 2) Approval of the meeting agenda
- 3) Review and approval of the New Orleans meeting minutes
- 4) Committee and Subcommittee Updates & Membership
- 5) Technical Sessions
  - a) **Spring 2010 – Xtreme Concrete**  
March 21-25, 2010, Sheraton, Chicago, IL
    - i) ***High Performance Concrete for Seismic Design of Bridges***  
- Hindi and Zhao
    - ii) ***High Performance Concrete for Building and Bridge Columns***, Joint ACI 441-341 Session  
- Hindi and Asad Esmaily (ACI 441)
  - b) **Fall 2010 – Green Concrete in the Steel City**  
October 24-28, The Westin Convention Center, Pittsburgh, PA
    - i) ***Role of Green Concrete vs. Steel in Earthquake-Resistant Design of Bridges***  
- Hieber and Sezen
  - c) **Spring 2011 – Concrete – The Strength of Florida**

April 3-7, Marriott Tampa Waterside & Westin Harbour Island, Tampa, FL

i) ***Bridge Survivability under Extreme Loading Multi-Hazard***

- Kevin and Andersen (need confirmation)

d) **Fall 2011 – Bridging Theory and Practice**

October 16-20, Millennium Hotel & Duke Energy Center, Cincinnati, OH

i) ***Session Title to be determined***

- Session Moderators to be determined

e) **Spring 2012 – Theme...not defined**

March 18-22, Hyatt Regency Dallas, Dallas, TX

i) ***Session Title to be determined***

- Session Moderators to be determined

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

a) *Seismic behavior of self-centering bridge bents and piers*, Dr. Mohamed ElGawady, Assistant Professor, Washington State University.

b) *Findings from Recent Studies of concrete Column Seismic response*, Dr. M. Saiid Saiidi, Professor, University of Nevada, Reno.

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