ACI COMMITTEE 341 MEETING  
EARTHQUAKE-RESISTANT CONCRETE BRIDGES  
Sunday, March 21, 2010  
Xtreme Concrete, Sheraton Chicago, Chicago, IL

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

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 Esmaeily (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.