ACI COMMITTEE 341 MEETING
EARTHQUAKE-RESISTANT CONCRETE BRIDGES
Sunday, April 14, 2013
Hilton & Minneapolis Convention Center, Minneapolis, MN

MAIN COMMITTEE
341 Earthquake-Resistant Concrete Bridges  Sun 3pm to 5pm  C-101 H

SUBCOMMITTEES
341-A Columns  Sun 1:30pm to 3:00pm  C-101 H
341-B Pier Walls  Sun 11:00am to 12:30pm  C-101 H
341-C Retrofit  Sun 9:30am to 11:00am  C-101 H
341-D Performance-Based Seismic Design  Sun 8:00am to 9:30am  C-101 H

OTHER BRIDGE COMMITTEES
342 Bridge Evaluation  Sun 8:30am to 10:00am  C-101 I
343 Bridge Design  Mon 10:00am to 12:00pm  C-101 J
345 Bridge Construction  Sun 1:30pm to 3:30pm  C-200 H

ACI 341 TECHNICAL SESSION
None

1) Call to order and introduction
2) Approval of the meeting agenda
3) Review and approval of the Toronto meeting minutes
4) Committee and Subcommittee Updates & Membership
5) Technical Sessions
   a) Spring 2013 – Responsibility in Concrete
      April 14-17, Hilton & Convention Center, Minneapolis, MN
      i) Wehbe and Abdel-Mohti will submit a preliminary session request on the
         performance of concrete bridges in recent earthquakes (New Zealand, Japan, and
         Chile) - cancelled
   b) Fall 2013 – Innovation in Conservation
      October 20-24, Hyatt Regency & Phoenix Convention Center, Phoenix, AZ
      Possible topics: strain rate and load history effects and retrofit. Despradel and Kowalsky
      will lead the development of a session on retrofit and repair. In addition, Sritharan and
      Wehbe will develop a session on soil-structure interaction - delayed
c) **Spring 2014 – Built to Last**  
   March 23-27, Grand Sierra Resort, Reno, NV  
   Two topics were identified: (1) Accelerated bridge construction in seismic regions including participation from CALTRANS and WashDOT – Sritharan and Saiidi to lead; and (2) use of seismic isolation in bridges (including upgrading of bridges with seismic isolation). Ron Watson will organize the second session.

d) **Fall 2014 — Spanning the Globe**  
   October 26-30, Hilton Washington  
   Washington, DC  
   No topics have been selected.

e) **Spring 2015 — Fountains of Concrete Knowledge**  
   April 12-15, Marriott & Kansas City Convention Center  
   Kansas City, MO

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) **Presentation**
    "Seismic Girder to Bent Cap Connections for ABC" by Robert Peggar, Civil, Environmental and Construction Engineering, Iowa State University, Ames, IA.