ACI COMMITTEE 341 MEETING
EARTHQUAKE-RESISTANT CONCRETE BRIDGES
Sunday, November 8, 2015
Denver Sheraton Downtown, Denver, CO

MAIN COMMITTEE
341 Earthquake-Resistant Concrete Bridges Sunday 3:00 PM - 5:00 PM VAIL

SUBCOMMITTEES
341-A Bridges-Columns Sunday 9:30 AM - 11:00 AM VAIL
341-B Pier Walls Sunday 11:00 AM - 12:30 PM VAIL
341-C Retrofit Sunday 1:30 PM - 3:00 PM VAIL
341-D Performance-Based Design Sunday 8:00 AM - 9:30 PM VAIL

OTHER BRIDGE COMMITTEES
342 Bridge Evaluation Sunday 8:30 AM - 10:00 AM TERRACE
343 Bridge Design Monday 10:00 AM - 12:00 PM PLAZA BALLRM D
345 Construction Sunday 1:30 PM - 3:30 PM SPRUCE

MEETING AGENDA
1) Call to order and introduction
2) Approval of the meeting agenda
3) Review and approval of the Kansas City meeting minutes
4) Membership updates (including committee balance), Committee and subcommittee updates
5) Technical Sessions

Fall 2015 — Constructability
November 8-12, Sheraton, Denver, CO
1.) ABC Connections for Seismic-Resistant Design (Kowalsky)
   Monday Nov. 9, 8:30 AM – 10:30 AM, GOVERNOR’S SQUARE 14
2.) Seismic Design of Segmental and Innovative Bridges (ElGawady)
   Tuesday, Nov. 10, 11:00 AM – 12:30 PM, GOVERNOR’S SQUARE 14

Spring 2016
April 17-21, Hyatt & Wisconsin Center, Milwaukee, WI
1.) Concrete Bridges Built with Advanced Materials: Seismic Performance and Design Issues, Part 1 of 2 (Alam, Andrawes?)
2.) Concrete Bridges Built with Advanced Materials: Seismic Performance and Design Issues, Part 2 of 2 (Alam, Andrawes?)

1
Fall 2016 — Revolutionary Concrete
October 23-27, Marriott Philadelphia, Philadelphia, PA
   Preliminary session request: November 13, 2015
   Final session request: April 22, 2016
Proposed sessions?
ABC technologies for seismic regions (Haber)
Tsunami-related design (Sritharan, Andrawes), joint with other bridge committees
Column document session based on the recent document (from 341 A)
High performance concrete, sensing, geopolymer concrete (Elgawady). Perhaps consider another committee cosponsoring this session.

Spring 2017
March 26-30, Marriott Detroit at Renaissance Center, Detroit, MI
   Preliminary session request: April 22, 2016
   Final session request: October 28, 2016
Proposed sessions?
Hollow core columns session? May be included in the column session already (listed under Milwaukee).
Sessions to support the Retrofit and PBD subcommittees. Performance-based seismic design example studies could be presented but solicit engagement from broader audience.

Fall 2017
   October 15 – 19, Disneyland Hotel, Anaheim, CA
   Preliminary session request: April 22, 2016
   Final session request: October 28, 2016
Proposed sessions?
Revisit an isolation session (Watson). Maybe include joints and bearings.

6) Sub-Committee Reports
   a) Performance Based Seismic Design of Bridge Columns (ElGawady, Gencturk)
   b) Wall Piers (Burgueño, Beyer)
   c) Retrofit and Repair (Alam, Despradel, Andrawes)
   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 – Professor Cathy French

10) Other Business

**PRESENTATIONS**
Assistant Professor Mohamed Moustafa
University of Nevada Reno

“Seismic Response of Bent Caps in As-built and Retrofitted Reinforced Concrete Box-Girder Bridges”