ACI COMMITTEE 341 MEETING - EARTHQUAKE-RESISTANT CONCRETE BRIDGES
Sunday, April 17, 2016
Hyatt Regency & Wisconsin Center, Milwaukee, WI

MAIN COMMITTEE
341  Earthquake-Resistant Concrete Bridges  Sunday  3:00 PM - 5:00 PM  C-102 C

SUBCOMMITTEES
341-A Bridges-Columns  Sunday  11:00 AM – 12:30 PM  H-MILWAUKEE ROOM
341-B Pier Walls  Sunday  1:30 PM – 3:00 PM  H-PERE MARQUETTE
341-C Retrofit  Sunday  8:00 AM – 9:30 AM  H-MILWAUKEE ROOM
341-D PBD  Sunday  9:30 AM – 11:00 AM  H-MILWAUKEE ROOM

OTHER BRIDGE COMMITTEES
342  Bridge Evaluation  Sunday  8:30 AM - 10:30 AM  C-102 A
343  Bridge Design  Monday  10:00 AM - 12:00 PM  H-REGENCY B
345  Construction  Sunday  1:30 PM - 3:30 PM  C-101 D

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

Spring 2016 – Brewing Concrete
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?): Monday, April 18, 2016, 11:00 AM - 1:00 PM, C-202 D
2.) Concrete Bridges Built with Advanced Materials: Seismic Performance and Design Issues, Part 2 of 2 (Alam, Andrawes?): Monday, April 18, 2016, 1:30 PM - 3:30 PM, C-202 D

Fall 2016 — Revolutionary Concrete
October 23-27, Marriott Philadelphia, Philadelphia, PA
Preliminary session request: November 13, 2015
Final session request: April 22, 2016
1.) Seismic Retrofit and Repair of Bridges (Alam), preliminary request granted
2.) Recent Advances in Accelerated Bridge Construction (ABC) for Seismic Zones (Haber), preliminary request declined
3.) Tsunami-related design (Sritharan), joint with other bridge committees (will be Fall 2016)

Proposed sessions?
Column document session based on the recent document (from 341 A)
High performance concrete, sensing, geopolymer concrete (Elgawady), cosponsored with material committee.

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?
Resubmit ABC session (Haber) for Detroit.
Modeling of bridges, performance acceptance through modeling (Abdel-Mohty)
Hollow core columns session can be rebranded to performance of columns.
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: October 28, 2016
Final session request: May 1, 2017

Proposed sessions?
Revisit an isolation session (Watson). Maybe include joints and bearings.
High speed rail and light rail (Nadim and Shukre)
Energy dissipation devices for cable-stayed bridges (and potentially other bridge types) (Lara)

Spring 2018
March 25-29, Grand America & Little America, Salt Lake City, UT
Preliminary session request: May 1, 2017
Final session request: October 20, 2017

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