ACI COMMITTEE 369-F

SEISMIC REPAIR AND REHABILITATION: RETROFIT

ACI Spring Convention
Sunday, March 25, 2018
Salt Lake City, UT

GA-Bagatelle
3:00 – 5:30 pm

Draft Agenda

1. Welcome and Introductions

2. Introduction

3. Summary of existing seismic rehabilitation/retrofitting documents:
   c. FEMA 308 (late 1990s) – Brian Kehoe
   e. ACI IPS 2 (2007) – Seismic Rehabilitation of Concrete Structures (JCI/ACI) – Alvaro Celestino

4. ACI 440F Coordination
   a. Presentation of new seismic section of ACI 440.2R – Ravi Kanitkar

5. Short-term updates to ACI 369.1-20 (retrofitting)
   a. Column retrofitting
      i. Review and supplement jacketed column database (Brena, Birely, Fathali – verify database using 440.2R procedures)
      ii. Other databases (Sezen)?

6. Medium-term update to ACI 369.1: Target 2023
   a. Wall retrofitting (Hube, SantaMaria, Fathali, Celestino, Varney)
      i. Shear
      ii. Flexure
      iii. Boundary elements
      iv. Out of plane buckling
   b. Suggest beginning to develop database from literature

7. Long-term updates to ACI 369.1 (beyond 2023)
   a. Pier and spandrel retrofitting (punched walls)
   b. Beam-column joints
   c. Beams (shear mostly)
   d. Foundations
   e. Diaphragm retrofitting (collectors, chords, horizontal shear, punching shear)
   f. Other elements

8. Next meeting – Fall 2018, Las Vegas, NV

9. Adjournment