ACI COMMITTEE 551
TILT-UP CONCRETE CONSTRUCTION
C-232 – Duke Energy Convention Center, Cincinnati, Ohio

Committee Meeting Agenda
Sunday, October 20, 2019 – 9:00 am – Noon

9:00  Welcome and introductions  McPherson
9:05  General Business  McPherson
   a. Review minutes of Quebec (Spring 2019) meeting
   b. Review membership roster and Voting/Associate Status – persistent inactivity will result in a downgrade of participation status.
   d. Correspondence
      i. Departures: Tony Johnson (CRSI to PTI)
      ii. Member Requests:
      iii. Technical Inquiry: Load Combination for Wind Serviceability
9:45  Mini-Session 2: Curing Trends for Industrial Tilt-Up Floors and Casting Slabs  Craig Coppersmith, Nox-Crete

10:15 ACI Committee Activities
      NOTE: any members and visitors with information from other committees that impacts the work of ACI 551 are encouraged to offer a comment at this time
   a. ACI 117 Tilt-Up Tolerance update  Buzzelli
   b. ACI 301-L patching specification  McPherson
   c. ACI 347  Ruegge
   d. ACI 302 Silicate Curing Compounds  Ghandour/Linn
   e. ACI 322 Plain Concrete  Baty
   f. ACI 360  Kopf/McGuire
   g. ACI C-650 Tilt-Up Supervisor Certification  McGuire/Olson

10:45 Industry Organization Updates
   a. TCA  McPherson/Baty
      i. Semi-Composite Panel Research
      ii. Convention 2019 - Atlanta
         NOTE: any representatives of industry organizations with pertinent information to the work of ACI 551 or the practice of tilt-up construction and design are invited to update the committee at this time

11:00 Old Business
   a. Journal articles/white papers  Braswell/McPherson
      i. Multi-story projects
   b. Concrete Research Council project  Kramer
      Check on committee/industry participation for student’s thesis
   c. Bischoff Method White Paper (TAC Status)  Naegle/McPherson
      Possible 551 Technical Session (after Chicago)
   d. KSU Student Research – bracing/deadmen  Kramer
   e. Helix TSMR Research/White Paper  Pinkerton
11:30 New Business
a. Document Plans – Continual Review per Fall 2018
   i. ACI 551.1R Guide to Tilt-Up Concrete Construction, 2014
      Content Changes to TAC
   ii. ACI 551.2R Design Guide for Tilt-Up Concrete Panels, 2015
      Content Changes to TAC
         • Lightweight – Extra rebar due to stiffness, reduced lift insert capacity, weight at time of lift.
         • Air entrainment – why not? Interpreting exposure category (not in saturated condition).
         • Fly Ash – discuss benefits and risks
         • Concrete Mix Decisions – Expand current discussion, lifting & strength, etc.
         • Bischoff Paper – How does this influence Design Guide?
   b. Physical Testing of Tilt-Up Wall Panels (Updating 1980 research)

11:55 Next meetings
a. 2020 - March 29-April 2, Hyatt Regency O'Hare, Chicago/Rosemont, IL
b. 2020 - October 25-29, Raleigh Convention Center & Raleigh Marriott, Raleigh, NC

12:00 Adjourn