ACI Committee 360
Design of Slabs-on-Ground

MEETING AGENDA

Monday, April 15, 2013
Minneapolis, MN

2:00PM - 6:30PM
Minneapolis Convention Center
Room C-200 A-C

1. Call to order
   Barry Foreman – Chair
   A. Introduction of attendees.
   B. Do not forget to sign one of the attendance sheets. Indicate "voting", "associate" or "visitor".
   C. Update member contact information on ACI’s web site
      i) It is important that everyone's email address is correct with ACI because that is the email address that is used to send committee correspondence and notice for ballots.
      ii) Go to http://www.concrete.org "Login" then "Members" then "Address Change" to update the information.
   D. Membership changes.

2. Comments concerning the previous meeting minutes. Vote to approve the Toronto Fall 2012 committee meeting minutes.

3. Reports from related Committees
   A. Committee 302
   B. Committee 330
   C. Committee 301

   Joe Neuber
   Tim Cost/Robert Varner
   Scott Tarr

4. Next Document Revision
   A. Word document for editing is on the web site “360R-XX All Chapters & Appendixes 26AUG10.doc”
   B. Document Figures – Wayne Walker in charge. All changes to be given to Wayne.
   C. Chapter subcommittee reports.
      a. Chapter 1 - Introduction
      b. Chapter 2 – Notation and Definitions
      c. Chapter 3 – Slab Types
      d. Chapter 4 – Soil Support Systems for Slab-on-Ground
      e. Chapter 5 - Loads
      f. Chapter 6 - Joints
      g. Chapter 7 – Design of Unreinforced Slabs
      h. Chapter 8 – Design of Slabs Reinforced for Crack Width Control
5. New Business

A. Presentations
   a. Allen Face
      i. In-situ measurement of the elastic modulus & the bottom-to-top shrinkage difference.
   b. Wayne Walker
      i. Design table for unreinforced slab-on-ground capacities
      ii. Updating 360R to include discussion why slabs with reinforcements between 0.1% to 0.5% are not included as a design option.
      iii. Updating 360R to include discussion why the subgrade drag equation was removed
      iv. Rack loads are covered in the current Building Codes.
         a) Should slabs supporting racks be ACI 318 compliant?
         b) Should rack loads with significant seismic uplift be ACI 318 compliant?
         c) Possible revisions to Chapter 12 “Structural Slabs-on-Ground Supporting Building Code Loads”
      v. Design aids for shrinkage-compensating concrete slabs-on-ground
      vi. Elastic-isotropic foundations, Winkler models and geotechnical discussions.

   c. Others

B. Miscellaneous

6. Adjourn
ACI 360 - CHAPTER SUBCOMMITTEES

Chapter 1 – Introduction
Allen Face – Chair
Nigel Parkes
Bryan Birdwell
Leonard Gagliardi

Chapter 2 - Notation and Definitions
Barry Foreman - Chair

Chapter 3 - Slab Types
(Don Ytterberg – Retired)
John Rohrer
Nandu Shah

Chapter 4 - Soil Support Systems for Slab-on-Ground
Russell Neudeck – Chair
Howard Allred
Bill Brickey
Pat Harrison

Chapter 5 – Loads
Pat Harrison – Co-Chair
Scott Tarr – Co-Chair
Phil Kopf

Chapter 6 – Joints
Nigel Parkes – Chair
Allen Face
Brad Fricks
Pat Harrison
Russell Neudeck
David Buzzelli
Phil Kopf
Scott Metzger

Chapter 7 - Design of Unreinforced Concrete Slabs
Allen Face – Chair
Jim Loper
Art McKinney
Wayne Walker
Bryan Birdwell
Paul Rouis

Chapter 8 - Design of Slabs Reinforced For Crack Width Control
Mike McPhee – Chair
Joe Balik
Joe Buongiorno
Art McKinney
Chapter 9 - Design of Shrinkage-Compensating Concrete Slabs
Terry Fricks – Chair
Brad Fricks
John Rohrer

Chapter 10 - Design of Post-Tensioned Slabs-on-Ground
Bob Anderson – Chair

Chapter 11 - Fiber Reinforced Concrete Slabs-on-Ground
Mike McPhee – Chair
Joe Balik
Joe Buongiorno
Jim Loper
Russell Neudeck
Scott Niemitalo
John Rohrer
Simon Evans

Chapter 12 - Structural Slabs on Ground Supporting Building Code Loads
Todd Hawkinson
Allen Face

Chapter 13 - Design of Slabs for Refrigerated Facilities
Barry Foreman – Chair
Brad Fricks
Ed McGuire

Chapter 14 - Reducing the Effects of Slab Shrinkage and Curling
Pat Harrison – Chair
Joe Balik
Don Ytterberg
Todd Nelson
Paul Rouis

Chapter 15 – References
Barry Foreman - Chair