Meeting Agenda

ACI 302 Construction of Concrete Floors

Philadelphia, PA / Grand Ballroom Salon G

October 24, 2016 / 0830 – 1300 HRS

Mission: Develop and report information on materials and procedures for the construction of concrete floors.

Committee Members

<table>
<thead>
<tr>
<th>Rick Smith – Chair</th>
<th>Russell Nuedeck – Secretary</th>
<th>Bruce Suprenant – TAC Contact</th>
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<tr>
<td>Allen Face</td>
<td>Jeff Miller</td>
<td>Phil Kopf</td>
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<td>Barry Foreman</td>
<td>Jerry Holland</td>
<td>Rick Felder</td>
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<td>Bill Phelan</td>
<td>Joe Nueber</td>
<td>Scott Metzger</td>
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<td>Bryan Birdwell</td>
<td>John Rohrer</td>
<td>Scott Niemitalo</td>
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<td>Chris Tull *</td>
<td>Kevin McDonald</td>
<td>Scott Tarr</td>
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<td>Craig Dahlgren *</td>
<td>Mike McPhee</td>
<td>Steve Lloyd</td>
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<td>Darryl Manuel *</td>
<td>Nigel Parkes</td>
<td>Terry Fricks</td>
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<td>David Buzzelli *</td>
<td>Pat Harrison</td>
<td>Tim Robinson</td>
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<td>Ed Finkel</td>
<td>Paul Rouis</td>
<td>Tommy Rutura</td>
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<td>Greg Fricks</td>
<td>Peter Craig</td>
<td>Warren McPherson *</td>
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Invited Guests
Tyler Ley, PE, PhD, Oklahoma State University

1. Administrative

1.1. Introductions
1.2. Please sign one of the sign in sheets and return to Russ Nuededeck
1.3. Confirm your E-Mail on the ACI Website ([www.concrete.org](http://www.concrete.org))
1.4. Establish Quorum
1.5. Approval of Previous Meeting Minutes
1.6. Announcements

2. Presentations – 15 to 20-Minutes

2.1. Wayne Walker – Stay Out of the Courthouse Zone
2.2. Eldon Tipping – Slab on Ground Tolerances
2.3. Tyler Ley – Measuring Air, What We Are Learning
2.4. __________________ - __________________

3. Liaison Reports
3.1. 117 Tolerances - Eldon Tipping
3.2. 130 Sustainability of Concrete (Kevin MacDonald)
3.3. 223 Shrinkage Compensating Concrete (Karl Bakke)
3.4. 224 Cracking (____________________)
3.5. 301 Specification for Concrete (Scott Tarr)
3.6. 310-J Polished Concrete (Pat Harrison)
3.7. 329 Performance Criteria for Ready Mixed Concrete (Jack Gibbons)
3.8. 330 Design and Construction Concrete Parking Lots (Eldon Tipping)
3.9. 360 Design of Slabs on Ground (Barry Foreman)
3.10. 544 Fiber Reinforced Concrete (Jim Milligan)
3.11. 551 Tilt-up Concrete Construction (Ed McGuire)
3.12. 640 Finisher Certification (Bryan Birdwell)
3.13. _____ ______________________________(_______________)

4. Old Business
4.1. ACI 302.2R

5. New Business
5.1. ACI 302.1R Revisions
5.1.1. Chap 1 Introduction - _________________________________
5.1.2. Chap 2 Definitions - _________________________________
   ➢ Define Delivery Slump
5.1.3. Chap 3 Prebid / Precon - _______________________________
5.1.4. Chap 4 Classes of Floors - _______________________________
   ➢ Floors to be Polished
   ➢ Limited Joint
5.1.5. Chap 5 Design Considerations - __________________________
   ➢ Polished Suspended
   ➢ Suspended Slab Reinforcing, Depth, Trim Bars
Reinforcement Depth Versus Depth of Cut
Dowel Basket Alignment, Staking, Punctures in Vapor Retarder
Hybrid Construction Joints to Mitigate Dominant Joints

5.1.6. Chap 6 Site Preparation - ________________________________
  Modified Proof Role

5.1.7. Chap 7 Associated Materials - ________________________________
  Liquid Cures - What is Required, Who is Responsible for Removing

5.1.8. Chap 8 Material Proportioning - ________________________________
  Tarantula Curve
  Setting Time

5.1.9. Chap 9 Batch, Mix, Transport - ________________________________
  Delivery Slump, Acceptance Testing, Correlation to Slump at Hose

5.1.10. Chap 10 Place, Consolidate, Finish, Cutting - ________________________________
  Roller Bug
  Laser Screed®
  Saw Cutting Depth, Vacuums
  F-Numbers Measured to Bulkhead

5.1.11. Chap 11 Cure, Protect, Joint Fill - ________________________________
  Curing During the Placement (0.15-LBS/SF/HR)
  Maintenance, Joint, Spall Repairs, Stabilization

5.1.12. Chap 12 Quality Control - ________________________________

5.1.13. Chap 13 Imperfections - ________________________________
  Shadowing
  Sweating

6. Task Group Reports
  6.1. Liquid Surface Treatments – Darryl Manuel
  6.2. Curling Study Over Vapor Retarders – Bill Phelan

7. Adjournment
  7.1. Spring 2017 — Driving Concrete Technology, March 26-30, Marriott Detroit at the Renaissance Center, Detroit, MI