Agenda
ACI TAC Subcommittee on Repair & Rehabilitation (TR&R)
Houston (3/98) Convention
Tuesday, March 24, 1998, 7-10 PM, Cottonwood A Houston Hyatt

1. Call to Order

2. Introductions

3. Activity Recap
3.1 Atlanta Task Group Meeting
3.2 Special Meeting 12/17 at ACI Headquarters
3.3 TAC Action 3/98
   3.3.1 TAC Subcommittee Status Approved
   3.3.2 Subcommittee Chair Grant T. Halvorsen (term expires 3/00)
   3.3.3 TAC Contact Tony C. Liu
   3.3.4 Short-term goals

4. Committee Mission
4.1 TAC has directed that subcommittee define its mission as an early task.
4.2 Proposed initial mission
   To advise TAC on
   ? ACI’s goals, objectives, and prominence in the Repair and Rehabilitation (to include maintenance and protection).
   ? Existing or potential conflicts or duplications of committee efforts, and means for resolving these situations.
   ? Other issues as requested.

5. Committees 364 and 546
5.1 Committee 364 will focus on engineering or planning issues. Rehab code effort suspended. Tasked to develop F(?)AQ.
5.2 Committee 546 will focus on means and methods types
5.3 Committees 364 and 546 to establish convention schedule to avoid conflict.

6.1 Identify documents for initial compilation
   6.2.1 ACI
   ? 201.1R: Guide for Making a Condition Survey of Concrete in Service
   201.2R: Guide to Durable Concrete
   207.3R: Practices for Evaluation of Concrete in Existing Massive Structures for Service Conditions
   210.1R: Compendium of Case Histories on Repair of Erosion-Damaged Concrete in Hydraulic Structures
   222R: Corrosion of Metals in Concrete
   224R: Control of Cracking in Concrete Structures
   ? 224.1R: Causes Evaluation and Repair of Cracks in Concrete Structures
   302.1R: Guide for Concrete Floor and Slab Construction
   ? 345.1R: Routine Maintenance of Concrete Bridges
   345.2R: Guide for Widening Highway Bridges
   349.3R: Evaluation of Existing Nuclear Safety-Related Concrete Structures
   ? 364.1R: Guide for Evaluation of Concrete Structures Prior to Rehabilitation
437R: Strength Evaluation of Existing Concrete Buildings
503R: Use of Epoxy Compounds with Concrete
503.1: Specification for Bonding Hardened Concrete, Steel, Wood, Brick, and Other Materials to Hardened Concrete with a Multi-Component Epoxy Adhesive
503.2: Specification for Bonding Plastic Concrete to Hardened Concrete with a Multi-Component Epoxy Adhesive
503.4: Specification for Repairing Concrete with Epoxy Mortars
503.5R: Guide for the Selection of Polymer Adhesives with Concrete
504R: Guide to Sealing Joints in Concrete Structures

? 506R: Guide to Shotcrete
? 506.2: Specification for Shotcrete
506.4R: Guide for the Evaluation of Shotcrete
515R: A Guide to the Use of Waterproofing, Dampproofing, Protective, and Decorative Barrier Systems for Concrete

504R: Guide to Sealing Joints in Concrete Structures
506R: Guide to Shotcrete
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506.4R: Guide to Shotcrete
506.2: Specification for Shotcrete
506.4R: Guide for the Evaluation of Shotcrete
515R: A Guide to the Use of Waterproofing, Dampproofing, Protective, and Decorative Barrier Systems for Concrete

? 546R: Concrete Repair Guide
546.1R: Guide for Repair of Concrete Bridge Superstructures
? 546.2R: Guide for Repair of Concrete Underwater
548.3R: State-of-the-Art Report on Polymer Modified Concrete
548.5R: Guide for Polymer Concrete Overlays
549.1R: Guide for the Design, Construction, and Repair of Ferrocement

6.2.2 ICRI
? Guideline 03730: Guide for the Surface Preparation for the Repair of Deteriorated Concrete Resulting from Reinforcing Steel Corrosion
? Guideline 03732: Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays
? Guideline 03733: Guide for Selecting and Specifying Materials for Repair of Concrete Surfaces

6.2.3 Other?

6.2 Prepare 5-yr Plan for ACI R&R Activity

7. Tasks related to conflict and 5-yr Plan
7.1 Bonded overlays
7.2 Crack repair
7.3 Other

8. What Committees are impacted?

<table>
<thead>
<tr>
<th>Major</th>
<th>Moderate</th>
<th>Minor</th>
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<tbody>
<tr>
<td>318: Building Code</td>
<td>224: Cracking</td>
<td>201: Durability</td>
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<tr>
<td>345: Bridge CM&amp;R</td>
<td>318: Building Code</td>
<td>207: Mass Concrete</td>
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<tr>
<td>364: Rehabilitation</td>
<td>362: Parking Structures</td>
<td>210: Hydraulic Structures</td>
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<tr>
<td>369: Seismic Rehabilitation</td>
<td>503: Adhesives</td>
<td>222: Corrosion</td>
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<td>437: Strength Evaluation</td>
<td>506: Shotcrete</td>
<td>302: Concrete Floors</td>
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<td>515: Protective Systems</td>
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<td>349: Concrete Nuclear</td>
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<td>546: Repair</td>
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<td>504: Sealants</td>
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9. Potential Conflict Issue: Bonded Overlays
   9.1 Ten ACI Committee reports appear to contain means and methods issues on bonded
       concrete overlays. Are there conflicts? How should we resolve?
   9.2 See copy of 3/19/98 e-mail (Cooperwood to Halvorsen)

10. Coordination Issues
    10.1 Find out what committees are doing
    10.2 Tell Committees what we are doing
    10.3 Tell TAC
    10.4 Los Angeles Subcommittee Meeting
    10.5 Los Angeles Open Meeting (Forum ?)

11. Possible Planning Meeting
    11.1 What would be achieved
    11.2 When could it be done, if necessary

12. Liaison Reports

13. Adjourn