

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. Short-term Goals? First Draft required for TAC (7/98) meeting
 - 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
- ? 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 03731?Guide for Selecting Application Methods for the Repair of Concrete Surfaces
- ? 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?

Major	Moderate	Minor
318?Building Code 345?Bridge CM&R 364?Rehabilitation 369?Seismic Rehabilitation 437?Strength Evaluation 441?Bridge Evaluation 515?Protective Systems 546?Repair	224?Cracking 318?Building Code 362?Parking Structures 503?Adhesives 506?Shotcrete 548?Polymers	201?Durability 207?Mass Concrete 210?Hydraulic Structures 222?Corrosion 302?Concrete Floors 318?Building Code 349?Concrete Nuclear 504?Sealants 549?Thin Reinf Products

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. Liason Reports
13. Adjourn