

Committees 364 – Rehabilitation (364-0A Editorial & 364-0C TechNote Subcommittees)

MEETING AGENDA – Spring Convention 2021

Monday, 29 March 2021, 1:30 pm – 3:00 pm
Virtual Meeting

364-0A Co-Chairs: David VanOcker & Adrienne Larson

Liyang Jiang, 364-0C Chair
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Ali Abu-Yousef, 364-0C Secretary
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Mission: Develop and report information on the analysis, sustainability, and design of repair, rehabilitation, and strengthening of existing concrete and masonry structures.

Goals:

- Address controversial or "gap" issues concerning concrete repair and rehabilitation not covered by existing documents through TechNotes;
- Develop and report information on the analysis and design of repair, rehabilitation, and strengthening of existing concrete and masonry structures;
- Collect and disseminate information on sustainability and other topics of interest to the concrete repair and rehabilitation industry.

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1. Introduction of subcommittee members (364 0A; 364 0C) and guests
 2. Membership update
 3. Approval of minutes from the Fall 2020 Convention subcommittee virtual meeting
 4. Technotes approved by TAC up for publication
 - a. *ACI PRC-364.2-21 – Increasing Shear Capacity within Existing Reinforced Concrete Structures* (Sean and Ryan): approval by TAC confirmed on March 3.
 - b. *ACI PRC-364.4-21– Determining the Load Capacity of a Structure When As-Built Drawings Are Unavailable* (Fred): approval by TAC confirmed on March 3.
 5. Technotes forwarded to TAC for review (reviewed/approved by ACI Staff)
 - a. *TN 364.6T – Concrete Removal Involving Corroded Reinforcing* (Diego and Pawan).
 - b. *TN 364.8T – Use of Hydrodemolition for Concrete Removal in Unbonded Post-tensioned Systems* (Ali): The document was balloted in September 2020 and the results show “19 Affirmative; 1 affirmative with comments; 0 negative; 3 non returned.”

6. Technotes re-balloted on responses to Summer 2020 TAC Comments
 - a. *TN 364.5T – Importance of Modulus of Elasticity in Surface Repair (Ben and Sumanth):* The document was balloted in January 2021 and the results show “19 Affirmative; 2 affirmative with comments; 0 negative; 2 non returned.” **Comments are being addressed by Ben.**
 - b. *TN 364.7T – Evaluation and Minimization of Bruising in Concrete Repair (Ben and David):* The document was balloted in January 2021 and the results show “16 Affirmative; 5 affirmative with comments; 0 negative; 2 non returned.” **Comments are being addressed by Ben.**
 - c. *TN 364.9T – Cracks in a Concrete Repair (Ali and Noran):* The document was balloted in January 2021 and the results show “19 Affirmative; 1 affirmative with comments; 1 negative; 2 non returned.” **Comments are being addressed by Ben; Negative withdrawn.**

7. Updated Technotes that will be “Action” by Editorial Subcommittee
 - a. FAQ 12 – Parking Deck Service Life (Larry and Vincent) – draft is ready by champions.
 - b. TN 364.10T – Rehabilitation of Structure with Reinforcement Section Loss (Sean and Noran) – draft will be ready by champions before convention.
 - c. Handrail Anchorages in Coastal Regions (Ali and Kevin)
https://docs.google.com/document/d/1Bn0x7VStXvJmngBkKks58LCsBexpdL2?rtfpof=true&authuser=yosef%40pivotengineers.com&usp=drive_fs

8. Status of Technote being updated
 - a. FAQ 26 – Pull-Off Test for Quality Assurance and Bond Performance (Adrienne): Several conversations occurred regarding the scope of this Technote. Further conversations needed before restarting this TN.
 - b. TN 364.12T – Repair of Leaking Cracks in Walls of Containment Structures (Murat “Rod” and Ali)
 - c. FAQ 28 – Optimum Moisture Content of Substrate Prior to Applying Cement-Based Repair Material (Ben/Liyang).
 - d. TN 364.11T – Managing Alkali-Aggregate Reaction Expansion in Mass Concrete (Marjorie)
 - e. TN 364.3T – Treatment of Epoxy-Coated Reinforcement in Repair (Noran): Abdel Wahab and Bissonnette will seek a co-champion for this Technote from main committee.

9. Technical Session in ACI Fall 2021 Convention, Atlanta, GA

10. Tech Note revisioning

11. New business

12. Adjournment