

SubCommittee 546-0C – Guide to Repair Concrete

MEETING MINUTES

Fall Convention – Raleigh, NC – Virtual Meeting

Sunday, October 25, 2020

Peter Tarara, Chair
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David VanOcker, Vice Chair
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1.0 Call to Order: Peter Tarara called the meeting to order at 11:05 a.m. CST, and welcomed all attendees. The agenda for the meeting was reported.

The following ACI 546-0C members were present:

Peter Tarara	Pete Barlow	Kevin Conroy	Paul Gaudette
Timothy Gillespie	Ann Harrer	Ashlee Hossack	Susan Isble
Kenneth Lozen	John Lund	Clyde Porter	Glenn Schaefer
George Taylor	David VanOcker	Chris White	Fred Goodwin
Matt Hansen	Richard Arnold	Mark Nelson	

The following guests were present:

Santiago Rodriguez	Pritam Dhake	Santiago Rodriguez	Terry McGovern
Adrienne Larson	Lawrence Kahn	Aniruddha Nakhawa	Aria Vand
Gerardo Zamora	Hyungu Jeong	Julio Higashi	

Note: Members and guest who participated by phone (call-in) or left early may not be included in the above.

2.0 Approval of Minutes

- 2.1 Minutes from the Spring 2020 virtual meeting (Chicago) had been posted by Chair Tarara; minutes were viewed on the screen.
- 2.2 Ken Lozen motioned to approve; Chris White seconded. Hearing no comments or objections the minutes stand as approved.

3.0 Recent Ballot Review

- 3.1 Chapters 3, 5, and 7 (now Chapter 4, 6, and 8) were balloted to the subcommittee since the last meeting.

Item #	Affirmative	Affirmative w/ Comments	Negative	Abstain
Chapter 4	7	14	1	1
Chapter 6	7	11	0	0
Chapter 8	10	8	0	0

4.0 Chapter re-numbering: Chair Tarara indicated that the Chapters will be renumbered to reflect the division of Ch 1 into 2 chapters. The new chapter numbering is as follows:

- Chapter 1 - Introduction
- Chapter 2 - Definitions
- Chapter 3 - Repair Methodology
- Chapter 4 - Concrete Removal & Surface Preparation
- Chapter 5 - Repair Materials
- Chapter 6 - Concrete & Reinforcing Repair Techniques
- Chapter 7 - Protection Systems
- Chapter 8 - Structural Repair & Strengthening
- Chapter 9 - References

5.0 Chapter Updates

5.1 Subcommittee chapter leads and members provided general updates on status.

Chapter 1: Introduction and Chapter 3: Repair Methodology - Ken Lozen (lead), Brian Keane, George Taylor, Nick Triandafilou, Ashlee Allison

- Ken Lozen reported they met since the last meeting and the 2nd round ballot comments have been picked up.

Chapter 2: Definitions - Joe Tomes (lead), Adrienne Larson

- No update

Chapter 4: Concrete removal and surface preparation - Tom Steele (lead), Kevin Conroy (co-lead), Peter Barlow, Matt Hansen, Kurt Wagner, Bart Lipinski, Ken Lozen, Adrienne Larson

- Kevin Conroy reported that comments have been received, responded to and document modified.
- Chapter 4 is ready for a rebalot on the revisions and responses to comments. The one negative has been withdrawn.

Chapter 5: Repair materials - Chris White (lead), Tim Gillespie, Joe Tomes, John Fauth, Matt Hansen, Karla Salahshour

- Chris White internal revisions still pending on measures to reduce the chapter length and remove redundancies.
- The chapter group will decide how to proceed during a meeting in November and the chapter will be balloted to the subcommittee by the end of the year.

Chapter 6: Concrete and reinforcing repair techniques - Peter Tarara (lead), Peter Barlow, Clyde Porter, Tom Steele, Peter Emmons

- Peter Tarara reported that subcommittee comments are currently being review and revisions to the chapter are being made.
- All Chapter references will also be modified based on new chapter number. Other chapter should also make these revisions.
- Areas where concrete replacement is used will be changed back to concrete repair.

Chapter 7: Protection Systems - David Whitmore (lead), Paul Gaudette, Matt Hansen, Mike Sprinkel, Ann Harrer. Jared Wright, Karla Salahshour, John Fauth

- Ann Harrer reported that only minor updates and refresh needed on this chapter. Ann will discuss with David Whitmore so they can have the document ready for subcommittee ballot by year end.

Chapter 8: Structural Repair and Strengthening - John Lund (lead), Harald Greve, Kevin Conroy, George Taylor, Bart Lipinski, Dam Thai, Evan Marshall, Marc Knapp

- Kevin Conroy and John Lund reported comments have been received, responded to and the chapter has been modified.
- John Lund is attempting to condense part of the document based on some comments. Once that is done, the chapter will be ready for a rebalot on the revisions and responses to comments.

Chapter 9: References - Ann Harrer

- Ann Harrer previously reported this chapter will lag, as is customary, awaiting further refinement of other chapter before the references can be completed.

6.0 Photographs & graphics

- 6.1 Paul Gaudette reminded chapter leads to review present photos and graphics in their chapters and provide updates as deemed necessary.
- 6.2 All agreed that a minimum of 2 photos are needed for each chapter, but more are welcome.
- 6.3 Photos can be staged (posed) as a backup.

7.0 Schedule

- 7.1 Schedule and milestones were discussed with following proposed schedule.
 - **December 1, 2020:** Ballot Chapters 5 and 7
 - **December 15, 2020:** Chapters 1, 3, 6, 7, and 8 comments resolved
 - **December 15, 2020:** Editorial subcommittee (Peter T., Paul G., Kevin C., Dave V.) to review entire document using ballot versions of Chapters 5 and 7.
 - **January 15, 2021:** Chapter 5 and 7 revised based on comments from ballot.
 - **January 15, 2021:** Subcommittee review/selection of photos
 - **January 15, 2021:** Chapter 2 and 9 completed.
 - **January 15, 2020:** Ballot full guide document to full 546 committee
 - **February 26, 2021:** Ballot negative comment revisions

- **March 28, 2021:** ACI 546 Spring 2021 Subcommittee meeting (resolve any negatives)
- **March 29, 2021:** ACI 546 Spring 2021 Main Meetings (vote on negatives)
- **April 16, 2021:** ACI staff receives final document; prepares for TAC
- **June 11, 2021:** TAC receives document for their summer meeting

8.0 Adjourn: Van motioned to adjourn the meeting and Ken Lozen seconded. The meeting was adjourned at 11:35 a.m. CST.

Respectfully submitted,

Peter Tarara
Chair, ACI 546-0C Subcommittee
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Cc Pete Barlow, Chair ACI Committee 546
Chris White, ACI Secretary Committee 546