

MEETING MINUTES

ACI Committee 325, Concrete Pavements
Tuesday, October 16, 2018, 3:30 to 5:30 pm
Tropical D Room, Rio All-Suites Hotel
Las Vegas, Nevada

Attendees

Members: Kurt Smith, Anthony Sorcic, Norb Delatte, Tim Cost, Tom Van Dam, Mark Wierciszewski, Jim Wilde, Jerry Holland, Shiraz Tayabji, Peter Taylor, Kamran Nemati, Mark Dorvak, Hamed Sadati, Chris Davis, Tim Martin, Jussara Tanesi, Dan Biddle, Daron Brown

Visitors: Sherry Sullivan, Wayne Adaska, Somayeh Nassiri, Chris Tull, Matt Sheehan, Eric Ferrebee, Nathan Forrest, Carl Labbe, Amanda Hult, Bill Coursen, Eduardo Torture, Sabrina Garber, Eric Giannini, Karla Salahshour, Anabel Merejildo, Beverly Heasley

TAC Representative: Mike Stenko

1. Call to Order

Chair Kurt Smith called the meeting to order at 3:30 pm.

2. Introductions

Chair Kurt Smith led a round of self-introductions. In total, 35 people were in attendance, which included 18 committee members and 17 guests.

3. Agenda Review

Chair Smith reviewed the agenda and asked for additional topics or items. There were no additions added to the agenda.

4. Review/Approve Minutes of the Salt Lake City Meeting (Spring 2018)

A motion to approve the minutes from the Spring 2018 in Salt Lake City was made by Tim Cost and seconded by Tony Sorcic. There was no discussion and the motion carried.

5. Chair's Report

- a. Committee Mission and Goals
 - i. Chair Smith reviewed the committee's mission and goals.
- b. ACI 325 Membership Review
 - i. Chair Smith noted that the current committee membership is:
 - Voting Members: 33 (20 General Interest, 8 Producer, 5 User)
 - Consulting Members: 3
 - Associate Members: 47
- c. Report on ACI Technical Committee Chair Workshop
 - i. Chair Smith reported on the information presented at the Technical Committee Chair Workshop on Monday morning.

- Larry Kahn of TAC noted that a key focus of ACI is on document development, and they have been looking for ways to reduce the amount of time between document updates. The general guideline is to update documents every 8 years, but in today’s rapidly-changing world can that be shortened? ACI wants to work to ensure that documents are kept current.
 - Matt Senecal addressed this topic by noting that ACI is looking to have a website dedicated to each document being developed. This would make it easier for committees to review and update documents under their purview. ACI is also exploring improvements to the document process that might lend itself to a quicker turnaround, such as balloting on individual chapters and also scheduling virtual meetings between conventions to focus on document updates and reviews.
 - Joe Bracci from the Concrete Research Council noted that last year they reviewed 34 proposals, with 19 of those focused on materials and 15 on structural. Of those, 8 projects were awarded at a budget of \$375,000. The current proposal deadline for this cycle is December 1, 2018.
- ii. Upon the conclusion of the formal presentations, the Committee Chairs held table discussions concerning how document development could be improved through a more streamlined process; some suggestions included developing a small subcommittee to constantly review current committee documents and make suggestions as to upcoming updates and to have TAC allow review of only those updates and not the entire document.
- d. Summary of Fall 2018 ACI 325 Activities
- i. Chair Smith reviewed the various subcommittee and task group meeting times for the Fall meeting, and indicated that he would look into changing some of the subcommittee meeting times for the Spring meeting to consolidate overall committee and subcommittee meeting times, reduce conflicts with other committees of interest to the group, and because 325-E (Accelerated Techniques for Concrete Pavements) will no longer require a meeting slot.

6. Subcommittee/Task Force/Task Group Reports:

- a. 325-A Design and Construction of PCC Pavements (Tuesday, 9:00 – 10:00 am).
Subcommittee Chair Brian Killingsworth indicated that good progress has been made on the Local Roads and Streets document. The document is nearing the point where it will be sent out to several committee members for review. He is looking to ballot the document in 2019.
- b. 325-C Precast and Prestressed Pavements (Tuesday, 10:30 am – 12:00 noon).
Subcommittee Chair Shiraz Tayabji expects to have the document (with the new title/focus on Jointed Precast Concrete Pavement) ready for committee review early in 2019. The target length of the document will be between 40 to 50 pages.
- c. 325-E Accelerated Paving (Tuesday, 2:00 – 3:30 pm).
Subcommittee Chair Tony Sorcic informed the committee that the recent ballot to approve TAC comments has passed and the document will now be sent to ACI Staff to begin the publication process.

d. 325-F New Subcommittee on Concrete Pavement Overlays (Tuesday, 12:00 – 1:00 pm).

Subcommittee Chair Peter Taylor informed the committee that 6 of the 8 chapters of the document Concrete Pavement Overlays have been completed. Peter looks to have the full document completed and ready for committee review at the 2019 spring meeting.

e. Task Force on Continuously Reinforced Concrete Pavements.

Kurt Smith indicated that the document is nearing completion and should be ready for ballot in the first half of 2019.

f. Tech Note –Thin Concrete

Task Group Chair Tom Van Dam provided a short synopsis on the standing of the document. Originally the document on Thin Concrete pavements was to be a Tech Note. However, after review by TAC, it was noted that the document would be too long and there was concern over the use of proprietary information. Tom has now decided to develop a report document focusing on the broader topic of modern concrete pavement design instead of the narrowly-focused Tech Note. Tom presented an overview of the proposed report outline and its overall focus. There was some discussion among the members on whom the report would benefit and that the document needs to be short and concise. A motion was made to move forward with the development of the document by Kurt Smith and seconded by Tim Cost.

7. Technical Sessions

Chair Smith reviewed the status of potential sessions at upcoming Conventions. He noted that TAC did not approve our request for a session on precast concrete pavements, so the committee did not participate in the technical sessions of the Fall 2018 Convention.

a. ACI Fall Convention 2018 – Las Vegas, NV (October 14-18)

- i. Shiraz Tayabji prepared a request for a session on Precast Concrete Pavements that was not approved by TAC. This is because there are an increasing number of committees requesting time slots for a session, which makes it more difficult to gain approval.

b. ACI Spring Convention 2019 – Quebec City, Quebec, Canada (March 24-28)

- i. Tony Sorcic has completed and submitted the final request for a session on Accelerated Techniques for Concrete Pavement at the Spring 2019 convention. The plan is to conduct one session featuring four speakers. Notification of approval will come approximately 2 to 3 weeks after completion of the Fall 2018 Convention.

c. ACI Fall Convention 2019 – Cincinnati, OH (October 20-24)

- i. Brian Killingsworth is looking to host a session on Local Roads and Street Design at the Fall 2019 convention in Cincinnati. The preliminary session request must be submitted by October 19, 2018.

d. ACI Spring Convention 2020 – Rosemont, IL (March 29- April 2)

- i. Kurt Smith and Dan Gancarz are considering a possible session on CRCP and Other Heavy-Duty Concrete pavements at the 2020 Spring Convention. The preliminary session request is due by March 29, 2019.

- e. ACI Fall Convention 2020 – Raleigh, NC (October 25-29)
 - i. A possible topic on Concrete Overlays was suggested for the Fall 2020 Convention by Peter Taylor. The preliminary request is due by October 25, 2019.
- f. ACI Spring Convention 2021 – Baltimore, MD
 - i. Possible topics for this convention will be discussed at the next meeting. The preliminary session request is due by April 3, 2020.

8. Liaison with Other ACI committees and Outside Organizations:

- a. ACI 327 (RCC). Tony Sorcic indicated that the committee reviewed Part 1 of the specification document which has been updated with the comments received from members after being balloted from April 5 to May 5, 2018. The review focused on comments received from Tom Greene, who was present at the 327 meeting so as to provide explanation for many of his comments.
- b. ACI 330 (Concrete Parking Lots and Site Paving). Tim Cost indicated the committee is reviewing the 330R Concrete parking lot document. Each chapter will be drafted and balloted.
- c. ACI 522 (Pervious Concrete). Norb Delatte indicated that the mixture proportion information in the current document is not valid and the committee is currently drafting a Tech note to address.
- d. FHWA. No report.
- e. FAA. No report.
- f. COE. No report.
- g. TRB. No report.
- h. ACPA. No report.
- i. ISCP. Rolling out next series of webinars. Topics can be found on their website.
- j. NRMCA. Amanda Hult indicated that they are focusing on contractor's use of the pavementdesigner.org software program.
- k. PCA – Wayne Adaska said PCA is supporting the new pavementdesigner.org web-based program, which focuses on items such as streets, parking lots and intermodal yards.
- l. CP Tech Center – Peter informed the group that the next NCC meeting will be held in Denver on April 2-4, 2019.

9. ACI 325 Document Summary

- a. Chair Smith provided an update on all documents in the 325 library which included those being updated/in development and reapproved.
- b. Peter Taylor agreed to start looking at possible updates to 325.14R-17, Guide for Design and Proportioning of Concrete Mixtures for Pavements.
- c. Tim Martin volunteered to review 325.9R-15, Guide for Construction of Concrete Pavements for possible updates.
- d. The topic of Street and Road Materials and Construction Specification was identified as a possible future document.

10. Presentations

- a. The meeting concluded with two presentations. The first was on Testing Limits of Fiber-Reinforced Concrete Overlays and was presented by Dan Biddle. The second presentation titled, Bigger is Not Always Better for Flexural Strength Testing was given by Jussara Tanesi. This presentation focused on moving from 6-inch x 6-inch x 21-inch beams to 4-inch x 4-inch x 14-inch beams for flexural strength testing.

11. Adjourn

A motion to adjourn the meeting was made by Jussara Tanesi and seconded by Tim Martin. Chair Smith adjourned the meeting at 5:30 p.m.

Minutes Prepared By: Tony Sorcic
November 29, 2018