

MEETING AGENDA ACI Committee 325, Concrete Pavements Tuesday, October 19, 2021 (4 to 6 pm ET)	
ACI 325 Leadership <u>Chair:</u> Kurt Smith (ksmith@appliedpavement.com) <u>Vice Chair:</u> Peter Taylor (ptaylor@iastate.edu) <u>Secretary:</u> Tony Sorcic (tony.sorcic@lafargeholcim.com) <u>Past Chair:</u> David Pittman (David.W.Pittman@usace.army.mil) <u>TAC:</u> Jason Weiss (jason.weiss@oregonstate.edu)	ACI 325 Committee Mission Develop and report information on concrete pavements. ACI 325 Committee Goals Develop documents, sessions, and webinars on the latest technologies in the design and construction of concrete pavements.

1. **Call to Order**
2. **Introductions**
3. **Agenda Review**
4. **Approve Spring 2021 Meeting Minutes (virtual)**
5. **Chair’s Report**
 - a. ACI 325 Membership Review
 - i. Voting = 32 (18 General Interest, 9 Producer, 4 User)
 - ii. Consulting = 6
 - iii. Associate = 37
 - b. 2020 CRC Research Topics Supported By Committee (*not selected – April 2021 decision*)
 - i. Effect of Joint Discontinuity on Vehicle’s Fuel Consumption
 - ii. Evaluating Effect of Internal Vibration on Concrete Mixtures for Transportation Construction Applications
 - c. 2021 CRC Research Topics Being Considered By Committee (*in ballot*)
 - i. Field Methodology to Determine Optimal Time to Start Application of Curing Compounds
 - d. Summary of Fall 2021 ACI 325 Activities

Event	Type	Meeting Date/Time
325 A, Design and Construction	Subcommittee	Tuesday, October 19, 10 to 11 am ET
Innovative Material Sources for Concrete Pavements	Mini-Session	Tuesday, October 19, 3-4 pm ET
325, Concrete Pavements	Committee	Tuesday, October 19, 4-6 pm ET
Sustainability Considerations for Concrete Pavements	Session	Wednesday, October 20, 4-6 pm ET

- e. TAC Update

6. Subcommittee/Task Force/Task Group Reports

- a. 325-A, Design and Construction of Concrete Pavements (Killingsworth)
- b. 325-C, Jointed Precast Concrete Pavements (Tayabji)
- c. 325-F, Concrete Pavement Overlays (Taylor)
- d. Task Force on Continuously Reinforced Concrete Pavements (Smith)

7. Technical Sessions

- a. Fall 2021 Meeting, October 17-21
 - i. Concrete Pavement Sustainability (Sullivan)
- b. Spring 2022 Meeting, March 27-31, Orlando, Florida
 - i. Concrete Airfield Pavement Design and Construction (Mark Wierciszewski/Gary Mitchell)
 - Preliminary approval received May 24, 2021
 - Final submission due October 22, 2021
 - ii. Workability of Pavement Concrete (co-sponsor with ACI 238)
 - Preliminary approval received May 17, 2021
 - Final submission due October 22, 2021
- c. Fall 2022 Meeting, October 23-27, Dallas, Texas
 - i. Concrete Roundabouts (Shiraz Tayabji/Tom Van Dam)
 - Preliminary submission due October 22, 2021
- d. Spring 2023 Meeting, April 2-6, 2023, San Francisco, California
 - i. Concrete Pavement Design Optimization
 - Champions?
 - Preliminary submission due April 1, 2022

Helpful Link to Request Preliminary and Final Sessions (will require log-in):

<https://www.concrete.org/events/conventions/future-conventions/request-a-session.aspx>

8. Mini Sessions

- a. Fall 2021 Meeting, October 17-21
 - i. "Mini-Session" on Innovative Material Sources (Taylor)
- b. Next targeted convention for mini-session: Fall 2022 (Dallas)
 - i. Concrete Pavement Design Optimization
 - Champions: Somayeh Nassiri and Nigel Parkes
 - Request due by March 2022

9. Liaison Reports

a. ACI 327 (RCC)	h. CPTech Center
b. ACI 330 (Parking Lots)	i. ACPA
c. ACI 522 (Pervious Concrete)	j. NRMCA
d. FHWA	k. PCA
e. FAA	l. ISCP
f. COE	m. Other Groups/Organizations?
g. TRB	

10. ACI 325 Document Summary

a. Available Documents

Document #	Title	Pub. Date	Status/Comments
325.11R-19	Accelerated Techniques for Concrete Paving	3/15/2019	<ul style="list-style-type: none"> • Current • Lead Developer: Tony Sorcic • Monitor: Tony Sorcic
325.12R-02	Guide for Design of Jointed Concrete Pavements for Streets and Local Roads	1/1/2002	<ul style="list-style-type: none"> • Reapproved 2019 • Update in progress by Subcommittee 325-A (Killingsworth)
325.13R-06	Concrete Overlays for Pavement Rehabilitation	1/1/2006	<ul style="list-style-type: none"> • Reapproved 2019 • Update in progress by Subcommittee 325-F (Taylor)
325.13RS-06	Concrete Overlays for Pavement Rehabilitation	1/1/2013	<ul style="list-style-type: none"> • Spanish version of 325.13R-06.
325.9R-15	Guide for Construction of Concrete Pavements	8/1/15	<ul style="list-style-type: none"> • Current • Lead Developer: Jon Mullarky • Monitor: Tim Martin
325.14R-17	Guide for Design and Proportioning of Concrete Mixtures for Pavements	6/2/2017	<ul style="list-style-type: none"> • Current • Lead Developer: Dave Richardson • Monitor: Dave Richardson/Peter Taylor

b. Current Documents In Development

Title	Status	Lead
Guide for Design of Jointed Concrete Pavements for Streets and Local Roads	<ul style="list-style-type: none"> • Formatting in preparation of balloting 	Killingsworth
Concrete Overlays for Pavement Rehabilitation	<ul style="list-style-type: none"> • Almost ready for balloting 	Taylor
Precast Concrete Pavements	<ul style="list-style-type: none"> • In development 	Tayabji
Continuously Reinforced Concrete Pavements	<ul style="list-style-type: none"> • Balloted Feb 2020 (did not receive quorum of voters) • Being revised and will be re-balloted 	Smith

11. Presentation

- a. *Celebrating the 20th Anniversary of the Modern Precast Concrete Pavement Implementation* – Shiraz Tayabji, Advanced Concrete Pavement Consultancy

12. Concrete Pavement Community Calendar

- a. Transportation Research Board Annual Meeting, January 9-13, 2022
- b. American Concrete Institute, Spring 2022 Meeting, Orlando, FL, March 27-31, 2022

13. Adjourn