

## **MINI SESSION ON ACCELERATED CONCRETE PAVING**

**Sponsored by ACI Committee 325, Concrete Pavements**

**Tuesday, March 26, 2019, 3:00 to 4:00 pm**

**Room 2102AB, Quebec City Convention Centre**

**Quebec City, Quebec, Canada**

### **Moderator**

Tony Sorcic, LafargeHolcim

### **Topical Presentations**

*Precast Concrete Inlay Panels: A Novel Rehabilitation Strategy for High-Volume Asphalt Highways in Ontario*

–Dan Pickel, University of Waterloo

*Advantages and Challenges of Accelerated Concrete Mixtures (Peter Taylor)*

–Peter Taylor, National Concrete Pavement Technology Center

*Rapid Set Cement: The Chemistry and History of Use in Accelerated Concrete Paving*

–John Kim, CTS Cement

**See new document prepared by ACI Committee 325 (published 3/15/19):**

*Report on Accelerated Techniques for Concrete Paving (ACI 325.11R-19)*

## MEETING AGENDA

**ACI Committee 325, Concrete Pavements  
Tuesday, March 26, 2019, 4:00 to 5:30 pm  
Room 2102AB, Quebec City Convention Centre  
Quebec City, Quebec, Canada**

**ACI 325 Leadership**Chair: Kurt Smith ([ksmiith@appliedpavement.com](mailto:ksmiith@appliedpavement.com))Vice Chair: Peter Taylor ([ptaylor@iastate.edu](mailto:ptaylor@iastate.edu))Secretary: Tony Sorcic ([tony.sorcic@lafargeholcim.com](mailto:tony.sorcic@lafargeholcim.com))Past Chair: David Pittman ([David.W.Pittman@usace.army.mil](mailto:David.W.Pittman@usace.army.mil))TAC: Michael Stenko ([mstenko@transpo.com](mailto:mstenko@transpo.com))**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 Fall 2018 Meeting Minutes (Las Vegas)
5. Chair's Report
  - a. Committee Mission and Goals
  - b. ACI 325 Membership Review
    - i. Voting = 33 (20 General Interest, 8 Producer, 5 User)
    - ii. Consulting = 3
    - iii. Associate = 47
  - c. Report on ACI Technical Committee Chair Workshop
  - d. Summary of Spring 2019 ACI 325 Activities

Event	Type	Meeting Date/Time	Meeting Location
325 A, Pavement Design	Subcommittee	Tues, Mar 26, 9-10 am	Hilton, Sainte-Foy Room
325 C, Jointed Precast Concrete Pavements	Subcommittee	Tues, Mar 26, 10-11 am	Conv. Centre, Room 2101
325 F, Concrete Overlays	Subcommittee	Tues, Mar 26, 1-2 pm	Conv. Centre, Room 304B
325 TG1, Thin Concrete Pavements	Task Group	Tues, Mar 26, 2-3 pm	Conv. Centre, Room 304B
325, Concrete Pavements	Committee	Tues, Mar 26, 3-5:30 am	Conv. Centre, Room 2102AB

- e. TAC Update

**6. Subcommittee/Task Force/Task Group Reports**

- a. 325-A, Design and Construction of PCC Pavements (Killingsworth)
- b. 325-C, Jointed Precast Concrete Pavements (Tayabji)
- c. 325-E, Accelerated Paving (Sorcić)
- d. 325-F, Concrete Pavement Overlays (Taylor)
- e. Task Force on Continuously Reinforced Concrete Pavements (Smith)
- f. Task Group on Thin Concrete Pavements (Van Dam)

**7. Technical Sessions**

- a. Spring 2019 Meeting: “Mini-Session” on Accelerated Concrete Paving (Sorcić)
- b. Fall 2019 Meeting, Oct 20-24 in Cincinnati, Ohio
  - i. Local Road and Street Design (Killingsworth)
  - ii. Preliminary request submitted 10/17/18; preliminary approval granted 12/11/19
- c. Spring 2020 Meeting, Mar 29-Apr 2 in Rosemont, Illinois
  - i. CRCP Design, Construction, and Performance (Smit/Gancarz)
  - ii. Preliminary request due 3/29/19; preliminary request submitted 1/26/19
- d. Fall 2020 Meeting, Oct 25-29 in Raleigh, North Carolina
  - i. Concrete Overlays (Taylor)
  - ii. Preliminary request due 10/25/19
- e. Spring 2021 Meeting, Mar 28-Apr 1 in Baltimore, Maryland
  - i. Topic/Leader?
  - ii. Preliminary request due 4/3/20

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. 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	

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

### b. Current Documents In Development

Title	Status	Lead
Accelerated Techniques for Concrete Paving	PUBLISHED!	Sorcic
Guide for Design of Jointed Concrete Pavements for Streets and Local Roads	In Development	Killingsworth
Concrete Overlays for Pavement Rehabilitation	In Development	Taylor
Precast Concrete Pavements	In Development	Tayabji
Continuously Reinforced Concrete Pavements	Pre-Ballot Draft Available	Smith

### c. Potential Future Documents

- i. Street and Road Materials and Construction Specification
- ii. Use of Fibers in Concrete Pavements
- iii. Others?

## 10. Other Topics?

## 11. Adjourn