

AGENDA

September 10-12, 2019
Red Lion Hotel – Kalispell, MT



Monday, September 9th

5:00 - 7:00 pm Welcome reception for all attendees

Tuesday, September 10th

6:00 am Breakfast available until 9:00 am

8:00 am **GENERAL SESSION**

Welcome and Introductions – Kevin Christensen, Montana DOT Chief Operating Officer, and Dan Miller, NC² Executive Committee Chair Ohio DOT

Updates and State Reports

- 8:15 FHWA, SAM PWL Analysis, Concrete PRS Shadow Project, and Turner-Fairbank Updates– Mike Praul/Gina Ahlstrom/Bob Conway/Matthew Corrigan , FHWA
 - 9:15 Performance Engineered Mixtures (PEM) Update – Gordon Smith, CP Tech Center
 - 9:30 Summary of State Reports on Early Opening, Maturity, Strength and Bridge Deck Sealing – Dan Miller, Ohio DOT
 - 10:00 Morning Break
- Theme: Early Opening Technologies**
- 10:30 Determining In-Place Strength of Concrete Using Piezoelectric Sensor – Luna Lu, Purdue University
 - 11:00 Use of Maturity for Opening PCC Pavements: Iowa Experience – Todd Hanson, Iowa DOT
 - 11:30 Implementing Maturity Systems for Paving and Bridge Applications – Sabrina Garber, The Transtec Group
 - 12:00 Q & A – Open Discussion
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12:15 pm **LUNCH**

Theme: Precast Materials

- 1:15 Precast Concrete Pavement State Experience – Indiana – Tommy Nantung, INDOT
- 1:45 Precast Bridge Elements in Texas – Steven Austin, Texas DOT Bridge Division
- 2:15 Decorative Precast Bridge Elements - Dan Miller, Ohio DOT
- 2:45 Q & A – Open Discussion
- 3:00 Afternoon Break

Theme: Topical Treatments and Repair Technologies

- 3:30 Cure and Seal vs Curing Compounds: Basics 101 – Bill John, T.K. Products
- 4:15 Polymer Resin Concrete for Bridge Deck Overlays - Paul Krauss, Wiss, Janney, Elstner Associates
- 4:45 Q & A – Open Discussion
- 5:00 Adjourn/dinner on your own

Wednesday, September 11th

6:00 am Breakfast available until 9:00 am

Theme: Dowel Bars in PCCP

8:00 Performance-Based Specification for Dowel Bars – Mark Snyder, Pavement Engineering and Research Consultants

8:30 Load Transfer Device Optimization for Dowel and Tie Bars in Pavement- Larry Scofield, IGGA

9:00 Dowel Bar Placement Methods, Issues, Verification – Eric Ferrebee, ACPA

9:30 Q & A - Open Discussion

9:45 Morning Break

Theme: Innovation Updates

10:15 IRI Update and Real-Time Smoothness Since Implementation - Gary Fick/Dave Merritt, The Transtec Group

11:00 ACI Certification Program – Mike Morrison, ACI

11:45 Q & A - Open Discussion

12:00 pm **LUNCH**

Theme: Bridge Deck Curing Practices and Specification Implementation

1:00 Bridge Deck Cracking/Specs for Curing Practices – Montana – Paul Bushnell and Matt Needham, Montana DOT

1:15 Curing Methods to Mitigate Early-Age Bridge Deck Cracking – Todd Nelson, Wiss, Janney, Elstner Associates

Theme: Technical Tour

2:00 [Hungry Horse Dam/Power Plant](#) Tour - Dennis Philmon, US Bureau of Reclamation

2:30 Afternoon Break

3:00 TTCC TPF 5(313) TAC Meeting – *for state agency members*

5:00 TAC meeting adjourns/dinner on your own

Thursday, September 12th - Hungry Horse Dam Tour

6:00 am Breakfast available until 9:00 am

7:30 am Bus departures for **technical tours** – [Hungry Horse Dam](#) Groups of 20 are allowed inside the dam/power plant each hour. The one-hour tours are planned for 8:30, 9:30, 10:30, 11:30, 12:30 and 1:30 (if needed), with time for each group to look over the area and the Visitor Center. Sign-up for your tour time at the registration desk at NC². Preregistrations were due on 8/26/19. Picture I.D. required.

11:00 am

1:00 pm Planned bus drop offs at **Glacier Park International Airport** after tours.

3:30 pm

11:35 am

1:35 pm Planned bus drop offs at Red Lion after tours.

4:10 pm

Presentations will be viewable online at www.cptechcenter.org after the conference.