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

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

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### 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.

9:00 am  Planned bus drop offs at [Glacier Park International Airport](#) after tours.

9:30 am  3:30 pm

11:35 am  Planned bus drop offs at Red Lion after tours.

4:10 pm

Presentations will be viewable online at [www.cptechcenter.org](http://www.cptechcenter.org) after the conference.