

AGENDA

April 2-4, 2019

Sheraton Denver West - Lakewood, CO



Monday, April 1

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

Tuesday, April 2

6:45 am *Breakfast available until 8:00 am*

8:00 am GENERAL SESSION

Welcome and Introductions – Joshua Laipply, CDOT Chief Engineer, and Maria Masten, NC² Executive Committee Chair, Minnesota DOT

Updates and State Reports

- 8:15 FHWA Updates –Mike Praul, FHWA
- 8:45 PEM Update – Gordon Smith, CP Tech Center
- 9:15 State Reports – Eric Prieve, Colorado DOT
- 9:45 *Morning Break*

Theme: Hot Topics in Bridges

- 10:15 Drilled Shafts and Mass Concrete, State of Practice – Jon Feld – CTLGroup
- 10:45 State Experience with Mass Concrete – Dan Miller, Ohio DOT
- 11:15 Accelerated Bridge Construction – Andy Pott, Colorado DOT
- 11:45 Q & A – Open Discussion

12:00 pm LUNCH

Theme: Materials

- 1:00 Slag – Larry Sutter, Michigan Tech University
- 1:30 The Role of Minimum Cement Contents in Concrete Specifications and Mixture Proportioning – Karthik Obla, NRMCA
- 2:00 Formation Factor – How do we implement? Jason Weiss, Oregon State University
- 2:30 Q & A – Open Discussion
- 2:45 *Afternoon Break*

Theme: Rapid Repairs and Early Loading

- 3:15 Early Loading Pavement Research at MnROAD and NRRRA – Tom Burnham, MnDOT
- 3:45 MnDot’s FRC Roundabout and Joint Activation of 5” FRC Whitetopping - Maria Masten, MnDOT
- 4:15 I-70 Bridge Emergency Reconstruction – Travis Miller & Roger Lau, Colorado DOT
- 4:45 Q & A – Open Discussion
- 5:00 Adjourn/dinner on your own

Wednesday, April 3

6:45 am *Breakfast available until 8:00 am*

Theme: Fibers for Use in Concrete

8:00 Fiber Reinforced Concrete for Pavement Overlays: Technical Review – Jeff Roesler, University of Illinois Urbana-Champaign

8:30 Fiber Reinforced Concrete For Bridge Decks - Armen Amirkhanian, University of Alabama

9:00 Update on Caltrans Pilot Projects using SRAs and Fibers in Bridges – Craig Knapp, Caltrans

9:30 Q & A - Open Discussion

9:45 *Morning Break*

Theme: Other Topics

10:15 History, Performance and Use of a Mobile Mixer – Collin Robinson, CemenTech

10:45 How the Prominent Types of Deicers Affect Scaling – Jan Olek, Purdue University

11:15 SAM Testing – Tips, Tricks, Updates, Case Studies – Tyler Ley, Oklahoma State University

11:45 Q & A - Open Discussion

12:00 pm **LUNCH**

1:00 Business Meeting and Elections - Maria Masten, NC2 Chair

1:25 Strategies for Concrete Pavement Preservation – Project Update – Mark Snyder, Pavement Engineering and Research Consultants

1:40 CP Tech Center Update - Steve Tritsch, CP Tech Center

2:00 Preview of Bureau of Reclamation Laboratory Tour – Janet White, USBR

2:30 *Afternoon Break*

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

Dinner on your own.

Thursday, April 4

6:45 am *Breakfast available until 8:00 am*

8:00 am Buses depart for technical tour – U.S. Bureau of Reclamation Concrete, Geotechnical, Structural Laboratory (Lakewood) **Pre-registration and picture I.D. required.**

12:30 pm Approximate time buses drop off at Denver Airport

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