



Cracking in Asphalt Pavements

Wednesday, July 18

- 1:30 pm **Welcome and Introduction**, Ray Robertson, Western Research Institute
1:40-2:00 **An Overview of Cracking**, Tom Scarpas, Delft University of Technology

Session 1: User Perspective

Moderator: Ernest Bastian, Jr., FHWA

- 2:00-2:45 **Asphalt Roadmap: A Commitment to the Future for Research and Technology**, Dale Decker, Consultant
2:45-3:30 **NDOR Perspective**, Laird Weishahn, Nebraska Department of Roads
3:30-3:45 Break
3:45-4:30 **A Crack is a Crack—MnDOT's Perspective on Cracking in Asphalt Pavements**, Tim Clyne, Minnesota Department of Transportation
4:30-5:15 **Iowa Perspective**, Chris Williams, Iowa State University

Thursday, July 19

Session 2: Crack Formation and Propagation

Moderator: Cheryl Richter, FHWA

- 8:00-9:00 am **Reflective Cracking**, William Buttlar, University of Illinois at Urbana-Champaign
9:00-10:00 **Low Temperature Cracking of Asphalt Pavements: Binders vs. Mixtures**, Mihai Marasteanu, University of Minnesota
10:00-10:30 Break
10:30-11:30 **Fatigue Cracking**, Robert Lytton, Texas A&M University
11:45-1:00 Lunch
1:15-2:15 **Modeling Crack Formation**, Tom Scarpas, Delft University of Technology

Session 3: Soil and Base Stability

Moderator: Eric Weaver, FHWA

- 2:15-3:05 **Modeling Unbound Base & Subgrade Layers for Pavement Performance Prediction**, Cheryl Richter, Federal Highway Administration
3:05-3:20 Break
3:20-4:10 **Modeling Base Stability**, Dallas Little, Texas A&M University
4:10-5:00 **Subbase and Base Stabilization with Lime**, Eric Berger, Chemical Lime Company

Friday, July 20

Session 4: Mitigation of Cracking in AC

Moderator: Jack Youtcheff, FHWA

- 8:00-8:45 am **Reflective Crack Mitigation Using a HMA Interlayer System**, Jason Bausano, SemMaterials
8:45-9:30 **Sealers & Rejuvenation**, Gayle King, GHK, Inc.
9:30-10:15 **Mitigation of Reflective Cracking**, Michael Samueloff, Owens Corning
10:15-10:30 Break
10:30-11:15 **Overview of Crack Sealing Technology**, Jim Chehovits, Crafcoc, Inc.
11:15-12:00 **Moderator Discussion and Wrap-up**