



2026 Annual Meeting Program
March 23-26, 2026
Boston, Massachusetts
Hyatt Regency Boston

Monday March 23, 2026

Symposium Session

You Belong with Pavement: Asphalt Emulsions, Preservation Techniques, Trends & Case Studies

1:30-5:00 PM

Grand Ballroom – 4th Floor

Katie DeCarlo and Jhony Habbouche, presiding

Icebreaker (Networking) Reception

5:30-7:00 PM

Grand Ballroom – 4th Floor

Tuesday March 24, 2026

Newer Members Committee Meeting and Breakfast

7:00-8:00 AM

Duxbury – 4th Floor

Heena Dhasmana and Noor Saleh, presiding

President's Report

8:00-9:00 AM

Grand Ballroom – 4th Floor

Stacey Diefenderfer, presiding

Technical Session 1: *Cracking and Field Performance*

9:15 AM-12:00 PM

Grand Ballroom – 4th Floor

Freeze-Thaw Effects on Thermal Cracking Resistance of Aramid Fiber-Reinforced Asphalt Mixtures

Elie Y. Hajj, Hemapraha Pathmanathan, Bipin Khanal, Ashraf Alrajhi, Adam Hand

Impact of Mix Design and Pavement Structure on Cracking Performance of Asphalt Overlays in the Field

Meisam Khorshidi, Eshan Dave, Jo Sias

Revisiting Asphalt Mixture Cracking Performance: Development of a Work-of-Fracture-Based Crack Propagation Resistance Index from IDEAL-CT

Yaowen Pei, Hussain U. Bahia, Runhua Zhang, Rui Wang, Fan Yin, Chen Chen, Ruitao Xie

Evaluation of Performance Deterioration in Hot Mix Asphalt Mixtures through an Energy-Based Method

Riccardo Monticelli, Matteo Zagami, Elena Romeo, Gabriele Tebaldi

Technical Session 2: *Asphalt Mixtures and Production*

1:30-3:30 PM

Grand Ballroom – 4th Floor

Variability in RAP and RAS Stockpiles and Plant-Produced High Recycled Content Asphalt Mixtures in North Carolina

Gabriel Macêdo Duarte, Wei Xie, Cassie Castorena

Laboratory and Field Assessment of Recycling Agents in High-RAP Content Asphalt Mixtures

Zheng Wang, Jo Ellen Sias, Eshan Dave, Runhua Zhang

A Five-Year Case Study of Full-Scale Asphalt Production with Volumetric Control and Cantabro Mass Loss Testing

Jonathan Easterling, Ben C. Cox, Isaac L. Howard

Technical Session 3: *Student Poster Session*

3:45-5:15 PM

Grand Ballroom – 4th Floor

Optional Social Event

6:00-8:00 PM

Sam Adams Brewery

Wednesday March 25, 2026

Pavement “Inspection” Tour

6:00-7:00 AM

Meet in the Hotel Lobby

An optional group walking/running event. No actual pavement inspection is expected.

Technical Session 4: General Poster Session

8:00-9:30 AM

Grand Ballroom – 4th Floor

Technical Session 5: International Partner Highlights

9:45-10:15 AM

Grand Ballroom – 4th Floor

Technical Session 6: Sustainability Initiatives

10:15 AM - 12:00 PM

Grand Ballroom – 4th Floor

Environmental Product Declarations and Performance-Based Life Cycle Assessment of Asphalt Mixture

Mohammad Ali Notani, Rushabh Nitin Patil, John E. Haddock

Network-Level Life Cycle Assessment and Life-Cycle Cost Analysis for Pavement Management Systems

Seyedehzahra Mostatab, Semiha Uhde Yildirim, Mohammad Zeigham, Egemen Okte, Ester Tseng, Hasan Ozer, Imad L. Al-Qadi

Advancing Sustainable Pavements: Life Cycle Assessment and Global Warming Potential Benchmarking for Asphalt Mixtures in Louisiana

Louay Mohammad, Ibrahim Elnaml, Samuel Cooper III, Heather Dylla, Mohamed Shahata

Past Presidents Council and Lunch

12:00-1:30 PM

Sturbridge – 4th Floor

Technical Session 7: Asphalt Binder Innovations

1:30-5:00 PM

Grand Ballroom – 4th Floor

Binder Source Matters: A Simplified DSR Approach for Identifying Performance Variability at Intermediate and Low Temperatures

Walaa S. Mogawer, Geoffrey Rowe, Ibrahim Abdalfattah, Alexander Austerman, Shane Underwood

Critical Evaluation of Proposed Changes to the PG Asphalt Binder Specification to Address Fatigue and Durability Cracking

Andrew Hanz, Wes Cooper, R. Michael Anderson

Investigation of Difference in Cracking Performance of Asphalt Mixtures from Similar PG Graded Binders Through Comprehensive Asphalt Binder Chemistry and Rheology-Based Methods

Yogesh Kumbarger, Jeramie J. Adams, Phil Blankenship, Zack McKay, Alex Literati, Didier Lesueur,

High Polymer-Modified Asphalt Binders and Mixtures: National Practices, Gaps, and Strategies for Effective Implementation

Jhony Habbouche, David R. Johnson, Ilker Boz, Stacey D. Diefenderfer, Elie Y. Hajj, Timothy B. Aschenbrener

Unlocking New Opportunities for Asphalt Binder and Mixture Performance and Durability with Antioxidants

Behnam Jahangiri, Farhad Abdollahi, Aaron Leavitt, Adrian Andriescu, Hamzeh Haghshenas, David Mensching

Social Hour/Annual Banquet

6:00-7:00 PM - Reception

7:00-9:00 PM – Dinner with Program

Grand Ballroom – 4th Floor

Stacey Diefenderfer, presiding

Thursday March 26, 2026

Technical Session 8: *BMD Advancements*

8:00 AM-12:00 PM

Grand Ballroom – 4th Floor

Evaluation of Asphalt Mixture Production Sampling Frequency for Balanced Mix Design Acceptance using IDEAL-CT and IDEAL-RT

Venkatsushanth Revelli, Amy Epps Martin, Edith Arambula-Mercado, Jon Epps

Standardizing Specimen Preparation for IDT-CT and IDT-HT through Ruggedness and Fine-Tuning Studies

Adam Taylor, Ilker Boz, Jhony Habbouche, Nathan Moore, Kazuo Kuchiishi

Proposed Revisions to FAA P-401/P-403 Rutting Criteria within a Balanced Mix Design Framework

Nicole G. Elias, Elie Y. Hajj, Thomas Bennert, Fujie Zhou, Jon Epps, Bipin Khanal, Adam Hand, and Ashraf Alrajhi

Medium-Term Oven Aging (MTOA) and Rapid Medium-Term Oven Aging (RMTOA) for the Implementation of Balanced Mix Design (BMD)

Mohammad A. Rahman, Angel Mateos, John T. Harvey,

Practical Long-Term Oven Aging Protocols for Balanced Mix Design: From Mixture Design to Production

Ilker Boz, Elie Y. Hajj, Jhony Habbouche, Stacey Diefenderfer

Northeast BMD Working Group: Interlaboratory Precision of IDEAL-CT and IDEAL-RT

Derek Nener-Plante