



ILLINOIS CENTER FOR
TRANSPORTATION

Dec. 9-10, 2025



66TH

Illinois Bituminous Paving Conference

*ittotel and Conference Center
Champaign, IL*



Bituminous@illinois.edu



ict.illinois.edu/outreach/bituminous



Workshop Program

DEC. 9, 2025



66TH
IBPC

- 03:30 PM – 05:00 PM

Flexible Pavement Smoothness: Construction, Performance, Measurements and Rolling Resistance

Bill Pine, Heritage Group

Focus: HMA Production and Best Practices

Hyung Lee, Applied Research Associates, Inc.

Focus: Pavement Performance

John Senger, Illinois Department of Transportation

Focus: Measuring Techniques

Imad L. Al-Qadi, Illinois Center for Transportation

*Focus: Rolling Resistance Effect on Fuel
Consumption*

Moderator: Yanfeng Ouyang, ICT/Illinois

- 5:00 PM – 07:30 PM

Reception Exhibits Open



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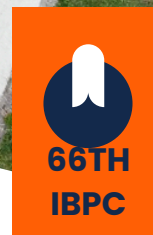


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Conference Program

Dec. 10, 2025



- 07:30 AM – 08:00 AM

Registration & Exhibits

Continental Breakfast Available

- 08:00 AM – 08:10 AM

Welcoming Remarks

Imad L. Al-Qadi, Conference Chair, ICT/Illinois

- 08:10 AM – 08:25 AM

IDOT Update

TBD, IDOT

- 08:25 AM – 08:35 AM

FHWA Update

TBD, Federal Highway Administration

- 08:35 AM – 08:50 AM

Tollway Update

TBD, Tollway

- 08:50 AM – 09:30 AM

Towards Zero Emission Road Construction – The Use of Recycled Materials in Pavement Structures

Sigurður Erlingsson, VTI, KTH, University of Iceland

- 09:30 AM – 10:00 AM

Break

Exhibits Open

Moderator. John Lynch, IPC

- 10:00 AM – 10:30 AM

Continuous and Contactless Friction Measurements

Mani Golparvar-Fard, ICT/Illinois

- 10:30 AM – 11:00 AM

Life-cycle based Pavement Friction Management and Treatment Selection for IDOT and Local Roadways

Yanfeng Ouyang, ICT/Illinois

Moderator. Kevin Burke, IAPA

- 11:00 AM – 11:30 AM

BMD Implementation and Future of Volumetric/Performance-Based Mix Design

Thomas Bennert, Rutgers University



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- 11:30 AM – 12:00 PM **Mix Design Optimization and Artificial Intelligence**
Uthman Mohamed Ali, ICT/Illinois
- 12:00 PM – 12:15 PM **Awards**
Moderators: Brian Hill, IDOT and Kevin Burke, IAPA
- 12:15 PM – 01:00 PM **Lunch**
Exhibits Open
Moderators: Jim Trost, Gallagher and Jess Hawkins, IAAP
- 01:00 PM – 01:30 PM **Prediction of Mix Performance from Modified Binder Properties**
Kelly Senger, IDOT
- 01:30 PM – 02:00 PM **Lab and Field Evaluation of Extended Life HMA Sections and Implications on Pavement Design**
Ramez Hajj, ICT/Illinois
- 02:00 PM – 02:30 PM **TCE Status and Future of Binder Extraction/Recovery**
Andrew Hanz, MTE Services
Moderator: Andrew Stolba, IDOT
- 02:30 PM – 03:00 PM **I-CART Expansion**
John Senger, IDOT
- 03:00 PM – 03:30 PM **IDOT HMA Technical Update**
Brian Hill, IDOT
- 03:30 PM **Closing Remarks**
Imad Al-Qadi, ICT/Illinois



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