

PRELIMINARY PROGRAM

Transportation and Highway Engineering Conference

March 4, 2025

I Hotel & Conference Center

Champaign, IL

7:30 am **Conference Registration- Heritage Hall Lobby
Exhibit Hall & Continental Breakfast- Illinois Ballroom**

General Session

Heritage Hall

Moderator: Jeffery R. Roesler, T.H.E. Conference Director

9:00 am **Opening Remarks
Jeffery R. Roesler, T.H.E. Conference Director**

9:15 am **AI in Transportation**

10:00 am **Transportation Sustainability**

10:40 am **Break (Illinois Ballroom)**

11:00 am **Traffic Patterns Post Covid Panel
Moderator: Erskine Klyce, IDOT
Alex Beata, Chicago Metropolitan Agency for Planning
Jonathan Lloyd, IDOT
Yanfeng Ouyang, UIUC**

12:00 pm **Recess for Lunch**

Bridges & Structures
Heritage Hall 2 & 5
Moderator: Ben Redding, Kimley-Horn

- 2:00 pm** **McClugage Bridge Tied Arch Construction and Float-In**
John Love & Nick Volk, IDOT
- 2:40 pm** **Longmeadow Parkway Bridge- Fox River Crossing**
Joey Heger & Jeff Sedig, Crawford, Murphy & Tilly, Inc.
- 3:20 pm** **Break (Illinois Ballroom)**
- 3:40 pm** **Designing the Navy Pier Flyover**
Lubka Benak, CDOT & Tony Shkurti, HNTB
- 4:20 pm** **Bentleys OpenBridge Modeler (OBM) and OpenBridge Designer (OBD)**
Modeling Tools
Drew Christopher, IDOT
- 5:00 pm** **Mixer @ Colonnades Club**

**Design, Construction & Environment
Heritage Hall 1 & 4
Moderator: Teresa Price, IDOT**

- 2:00 pm Updates on Roundabout Design and Implementation
Matt Papirnik, AECOM
Jason Salley, IDOT**
- 2:40 pm 75th Street CIP Now and the Future
Velicia M. Goode-Moore, IDOT
Christopher Ferguson, WSP USA
Sameh Gorgey, WSP USA**
- 3:20 pm Break (Illinois Ballroom)**
- 3:40 pm Using GIS for Managing ADA Transition Plans
Jon Hodel, Cloudpoint Geospatial
Brandon Yates, DeepWalk**
- 4:20 pm IDOT Pump Station 4 Reconstruction
Vince Cirrintano, WSP USA
Christian Iroume, IDOT**
- 5:00 pm Mixer @ Colonnades Club**

Traffic, Operations & Safety
Heritage Hall 3 & 6
Moderator: Kyle Armstrong, IDOT

- 2:00 pm** **CDOT Arterial Resurfacing Programs**
Jonathan Rualo, City of Chicago
Lukasz Sledz, WSP USA
- 2:40 pm** **Mumble Strips**
Marshall Metcalf, IDOT
Benjamin R. Sperry, IDOT
- 3:20 pm** **Break (Illinois Ballroom)**
- 3:40 pm** **Best Practices for Traffic Signal Condition Assessment**
Professor Ryan Fries, SIUE
- 4:20 pm** **I-80/94 Flexroad Project**
Tobias Randolph, Parsons
- 5:00 pm** **Mixer @ Colonnades Club**

**Local Roads & Streets
Chancellor Ballroom
Moderator: Mark Lee, Farnsworth Group**

- 2:00 pm ORD Impact-How to Determine a Realistic Cost Quickly
Tom Cox, Cummins Engineering Corporation**
- 2:40 pm Deciphering Recycling Reports: Explaining the Mix Designs, Specifications
and Reports for In-Place Recycling Applications (CIR, CCPR and FDR)
Stephanie Drain, Drain Engineering**
- 3:20 pm Break (Illinois Ballroom)**
- 3:40 pm Old Orchard Road: Woods Drive to Skokie Boulevard
Bulent Agar & Aaron Lebowitz, Cook County**
- 4:20 pm Wheaton Downtown Streetscape
Rob Deming, Primera Engineers**
- 5:00 pm Mixer @ Colonnades Club**

**Transportation & Material Innovations
Alma Mater Room
Moderator: Bridget Malinowski, AECOM**

- 2:00 pm Digital Twins
Nick Becker, AECOM
Thomas Coleman, WSP USA
David Lindahl, AECOM
Majid Mastali, WSP USA**
- 2:40 pm Leveraging LiDAR to Address Capacity Challenges
Jeffrey Clay & Andy Joost, TWM, Inc.**
- 3:20 pm Break (Illinois Ballroom)**
- 3:40 pm V2I Technologies for Lane Departure and CWZ Safety Improvements
Jeffery Roesler, UIUC**
- 4:20 pm I-39 Pavement Rehabilitation
Mike Short, IDOT
Kelly Smith, Applied Pavement Technologies, Inc.**
- 5:00 pm Mixer @ Colonnades Club**

**Aviation
Lincoln Room
Moderator: Craig Loudon, Crawford, Murphy & Tilly**

- 2:00 pm Airport Pavement Management Systems
Gen Long, Applied Pavement Technology, Inc.**
- 2:40 pm O'Hare International Airport Taxiways A & B Design and Delivery Innovation
Stephen Elrod, EXP
Chris Fedro, Turner Paschen Aviation Partners**
- 3:20 pm Break (Illinois Ballroom)**
- 3:40 pm IND RW 5R-23L & TW D Strengthening and Capacity Enhancement Project
Luke Burlingame, Kimley-Horn
Tony McMichael, Indianapolis Airport Authority**
- 4:20 pm Overnight Runway Reconstruction at R. Reagon Washington National Airport
Rich Thuma, Crawford, Murphy & Tilly, Inc.**
- 5:00 pm Mixer @ Colonnades Club**

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March 5, 2025

- 7:00 am** **Conference Registration- Heritage Hall Lobby
Exhibit Hall & Breakfast Buffet- Illinois Ballroom**
- General Session, Heritage Hall**
Moderator: Jeffery R. Roesler, T.H.E. Conference Director
- 8:00 am** **Remarks
Jeffery R. Roesler, T.H.E. Conference Director**
- 8:15 am** **FHWA Update
Brian Hogge, Director of Preconstruction, Construction, and Pavements**
- 8:40 am** **ICT Update
Imad L. Al-Qadi
Professor, Department of Civil & Environmental Engineering
Director, Illinois Center for Transportation**
- 9:15 am** **Support for Transportation Electrification
Cristina Botero, ComEd**
- 9:50 am** **Illinois Tollway Update
Manar Nashif, Chief Engineering Office & Karyn Robles, Chief of Planning**
- 10:15 am** **Break (Illinois Ballroom)**
- 10:35 am** **TBD**
- 11:05 am** **IDOT Update
Gia Biagi, Secretary, Invited**
- 11:30 am** **Award Presentations
IACE UIUC Student Scholarship and Zone Awards
Mark Mathon, IACE President, DeWitt County**
- FHWA Transportation Excellence Award
Christopher J. Hall, Acting Division Administrator, FHWA-Illinois Division**
- IDOT Awards
Justan Mann, Deputy Director, Office of Highways Project Implementation**