

WEDNESDAY, FEBRUARY 28, 2024

General Session Heritage Hall	
Moderator: Jeffery R. Roesler, T.H.E. Conference Director, UIUC	
7:00am	Conference Registration – Heritage Hall Lobby Exhibit Hall & Buffet Breakfast – Illinois Ballroom
8:00am	Remarks Jeffery R. Roesler, T.H.E. Conference Director, Professor, CEE at UIUC
8:15am	FHWA Update Christopher J. Hall, Acting Division Administrator Federal Highway Administration - Illinois Division
8:40am	Towards a Net-Zero Emission Transportation System Imad L. Al-Qadi, CEE at UIUC, Director, Illinois Center for Transportation
9:15am	Renewable Energy Pathways, Technologies, and Systems for Sustainable Aviation Phillip J. Ansell, Director, Center for Sustainable Aviation, Associate Professor, Aerospace Engineer, UIUC
9:50am	Illinois Tollway Update Cassandra Rouse, Executive Director, Illinois Tollway
10:15am	Break (Illinois Ballroom)
10:35am	The Future of Transportation Legislation and Funding-A National Perspective Craig Thompson, AASHTO President & Secretary, Wisconsin Department of Transportation
11:05am	IDOT Update Omer Osman, Secretary IDOT
11:30am	Award Presentations  IACE UIUC Student Scholarship and Zone Awards Aaron Metzger, IACE President, Monroe County  FHWA Transportation Excellence Award Christopher J. Hall Acting Division Administrator Federal Highway Administration- Illinois Division  IDOT Awards Justan Mann, Deputy Director, Office of Highways Project Implementation, IDOT
12:15pm	Adjourn (lunch on your own)

SAVE THE DATE - 2025



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MONDAY, FEBRUARY 26, 2024

9:00am	Workshop #1 - Concrete and Asphalt Pavement Innovations Moderator: Jeffery R. Roesler, UIUC Presenters: Daniel Swiertz, HG Meigs, Todd Thomas, Asphalt Materials, and Matt Munsick, Andale Construction
1:00pm	Workshop #2 - Integrating Equity into Transportation Moderator: Kailey Eldredge, Institute for Sustainable Infrastructure (ISI) Presenters: Keith Moore, FHWA Resource Center, John Sherrill, IDOT BDE, Felecia Hurley, IDOT BDE, and Kamille LeClair, Mott MacDonald
4:00pm	CEE Student Networking & Poster – Newmark Bridge
5:00pm	Annual Fish Fry at Legends on Green Street in campustown

TUESDAY, FEBRUARY 27, 2024

General Session Heritage Hall	
Moderator: Jeffery R. Roesler, T.H.E. Conference Director, UIUC	
7:30am	Conference Registration – Heritage Hall Lobby Exhibit Hall & Buffet Breakfast – Illinois Ballroom
9:00am	Opening Remarks Jeffery R. Roesler, T.H.E. Conference Director, Professor, CEE at UIUC
9:15am	EV Charging Panel - Deployments, Best Practices, & Future Challenges Moderator - Greg Reilly, AECOM Lewis Jack, Pennsylvania Turnpike Angeles Sandoval, Electrify America, LLC Chris Schmidt, IDOT
10:15am	Break (Illinois Ballroom)
10:40am	Advancing Highway Safety through NTSB Investigations and a Safe System Approach Robert Molloy, Director, Office of Highway Safety, NTSB
11:20am	Engineering Mobility for Smart Cities Marsia Geldert-Murphey, ASCE President, Lochmueller Group
12:00pm - 2:00pm	Lunch

- Lunch Options
1. Join us in either the Illinois Ballroom, Chancellor, Quad\* & Technology\*\* for a buffet lunch (overflow seating available in Humanities).

2. Take the Green Street Shuttle to Campus. Meet the Peoria Charter Bus at the North Entrance, East Wing, immediately following the morning session. Seating is on a first come, first served basis.
- \*Vegetarian and Vegan option available in the Quad Room.

\*\*Gluten-free option available in the Technology Room.



Bridges & Structures Room: Heritage Hall 2 & 5 Moderator: Jayme Schiff, IDOT		Design, Construction & Environment Room: Heritage Hall 1 & 4 Moderator: Sylvan Popovici, Benesch		Traffic, Operations & Safety Room: Heritage Hall 3 & 6 Moderator: Katherine Beckett-Suter, IDOT		Local Roads & Streets Room: Chancellor Ballroom Moderator: Shawn Ortgiesen, IDOT		Transportation & Material Innovations Room: Alma Mater Room Moderator: Christian Avila, EXP		Aviation Room: Lincoln Room Moderator: BJ Murray, IDOT	
2:00pm	<b>Grade Crossings-Consider the Options</b> Andy Thompson, Mott MacDonald	<b>I-270 Expansion with the Mississippi River Bridge</b> Theresa Bergquist, Parsons Brad Riechman, Horner & Shifrin, Inc.	<b>IDOT-Tollway’s Weigh-in-Motion Program</b> Rob Glaz, Illinois Tollway Michel Lavigne, Illinois Tollway GEC Keith Donovan, IDOT		2:00pm	<b>Safe Streets and Roads for All</b> Michael Bruner, Tri-County Regional Planning Commission Sydney Turner, R1 Planning Council Sharif Ullah, Lochmueller Group	<b>Optimizing the Use of Local Aggregate in Stone-Matrix Asphalt</b> Imad L. Al-Qadi,, Professor, CEE at UIUC, Director, Illinois Center for Transportation Lara Diab, CEE at UIUC Javier Garcia, CEE at UIUC	<b>Airport 101 – Introduction to Illinois Airports</b> Jeff Olson, Hanson Professional Services, Inc.			
2:40pm	<b>I-95 Bridge Collapse</b> Amelia Harris, Benesch Joseph Sirignano, Benesch	<b>I-80 Reconstruction: Rebuilding a \$1.3B Modern Interstate through Will, Grundy, and Kendall Counties</b> Martin A. Ross, TranSystems Corporation Steve Schilke, IDOT Suleyman Tulgar, IDOT	<b>Advancing Safety Together</b> Stephane Seck, IDOT		2:40pm	<b>Regulating and Advancing Micro Mobility in Chicago</b> Mark Bennett, Sam Schwartz	<b>3D Concrete Printing of Residential Buildings</b> Nathan Lilly, LX 3D Concrete Printing	<b>Mid America Airport - Airfield Taxiway Lima Bridge for Boeing Improvements</b> Tom Morris, Crawford, Murphy, and Tilley, Inc. Dan Trapp, Mid America St. Louis Airport			
3:20pm		Break (Illinois Ballroom)				3:20pm		Break (Illinois Ballroom)			
3:40pm	<b>IL 40 Bob Michel Bridge Deck Rehabilitation</b> Nicole Fayant, Ciorba Group Nicholas Volk, IDOT	<b>Overview of the North DuSable Lake Shore Drive Phase 1 Study</b> Phillip Hutchinson, Civiltech Engineering, Inc. Jennifer Hyman, Civiltech Engineering, Inc. David Miller, CDOT Kimberly Murphy, IDOT	<b>MUTCD 11th Edition-An Overview of Changes in the New Manual</b> Dean Mentjes, FHWA, Office of Operations		3:40pm	<b>Will County’s ITS Opportunities Plan</b> Matt Letourneau, AECOM	<b>Application of Large Language Models (LLM) for Transportation Challenges</b> Hadi Meidani, Associate Professor, CEE at UIUC	<b>Advanced Air Mobility in America—From Cartoons to Reality</b> Kevin Fuhr, Hanson Professional Services, Inc. BJ Murray, IDOT			
4:20pm	<b>Metalizing and Hot Dipped Galvanizing of Structural Steel</b> Mark Shaffer, IDOT	<b>PROWAG Final Rule...Finally!</b> Stephen Letsky, IDOT Filiberto Sotelo, IDOT	<b>Illinois Vulnerable Road User Safety Assessment</b> Sofia Becker, Jacobs Juan Pava, IDOT		4:20pm	<b>Roadway Right-Sizing</b> Samantha Maximilian, Village of Skokie Brian Roberts, CCDOTH	<b>Illinois Tollway X-Bolt Temporary Concrete Barrier</b> Mohamad Faraj, Illinois Tollway Ahmad Hammad, WSP USA, Inc.	<b>ORD Runway 4-22L Rehab, A Study in CMR Flexibility</b> Stephen Elrod, EXP			
5:00pm		Mixer (Colonnades Club @ Memorial Stadium) Enter at Gate 16 on West Side Bus available at Northeast entrance (by Heritage Hall)				5:00pm		Mixer (Colonnades Club @ Memorial Stadium) Enter at Gate 16 on West Side Bus available at Northeast entrance (by Heritage Hall)			

T.H.E. PROGRAM COMMITTEE

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