

# Traffic Engineering and Safety Conference

## Preliminary Program

Wednesday, October 19, 2022

**Illinois Ballroom**

**7:30-9:00 am Breakfast**

**General Session**

**Chancellor Ballroom**

**Moderator: David Snyder, FHWA**

**8:55-9:00 am**

**Opening Remarks**  
**Ray Benekohal**  
**Conference Director**  
**Professor, Civil & Environmental Engineering**  
**University of Illinois at Urbana-Champaign**

**9:00- 9:35 am**

**I-57/I-74 Interchange Update**  
**Clare Dietz**  
**Civil Engineer, District 5**  
**Illinois Department of Transportation**

**Jason Smith**  
**Construction Supervisory Field Engineer, District 5**  
**Illinois Department of Transportation**

**9:35-10:10 am**

**Updating Google Street View**  
**Nathan Schwartz**  
**County Engineer**  
**DeKalb County**

**10:10-10:30 am**

**Break**

**10:30-11:05 am**

**FHWA Update**  
**Martin Knopp, Associate Administrator for Operations**  
**Mark Kehrl, Director of Operations**  
**Kevin Sylvester, MUTCD Team Leader**  
**FHWA- Washington, DC**

**11:05-11:40 am**

**IDOT Update**

**11:40-12:15 pm**

**Tollway Update**

**12:15-1:40 pm**

**Luncheon-Illinois Ballroom**  
**Answering Questions: ISP AND IDOT Working Together for Safety**  
**Trooper Jason Wilson, Public Information & Safety Officer, Illinois State Police**

## Safety Performance & Services

### Lincoln Ballroom

**Moderator:** Nathan Peck, Work Zone Safety Engineer, Bureau of Safety, IDOT

**1:45-2:20 pm** Owing and Maintaining Kane County's Roundabouts

Jennifer O'Connell, P.E.

Chief of Design

Kane County Division of Transportation

Michael Zakosek

Assistant County Engineer

Kane County Division of Transportation

**2:20-2:55 pm** SHSP- The Next Steps

Martha A. Brown

Safety Policy & Initiatives Engineer, Bureau of Safety Programs and Engineering

Illinois Department of Transportation

**2:55-3:25 pm** Break

**3:25-4:00 pm** Crash Modification Factors for Contrasting Pavement Markings

Marshall Metcalf

Project Implementation Unit Chief, Bureau of Operations

Illinois Department of Transportation

Dr. Michael Williamson

Associate Professor, Civil Engineering

Indiana State University

**4:00-4:35 pm** BSPE Safety Tools

Katherine Beckett Suter

Senior Safety Evaluation Engineer, Bureau of Safety Programs and Engineering

Illinois Department of Transportation

**4:35-5:10 pm** HSIP- The Process to Follow

Kelli Erickson

Safety Design Evaluation Engineer, Bureau of Safety Programs and Engineering

Illinois Department of Transportation

Sean Coyle

Safety Analyst, Jacobs Engineering

# Operations & Management

## Alma Mater Room

**Moderator:** Rick Johnson, IACE President and Coles County Engineer

**1:45-2:20 pm** Emerging Size/Weight Technologies  
Tammy A. Hovey  
Analysis Technician, Bureau of Operations  
Illinois Department of Transportation

**2:20-2:55 pm** Chicago Smart Lighting Project  
Craig Turner, PE, PLS  
Deputy Commissioner, Div. of Electrical Operations  
Chicago Department of Transportation

**2:55-3:25 pm** Break

**3:25-4:00 pm** Illinois TSMO Program Plan  
Kyle Armstrong  
Engineer of Traffic Operations  
Illinois Department of Transportation

Jeff Bagdade  
Northeast Division Manager  
Atkins

**4:00-4:35 pm** Using Third-Party Data to Improve Mobility  
Steve Mednis  
General Manager of Traffic and Incident Management  
Illinois State Toll Highway Authority

**4:35-5:10 pm** Highway Capacity Manual 7<sup>th</sup> Version  
Ray Benekohal  
Conference Director & Professor, Civil & Environmental Engineering  
University of Illinois at Urbana-Champaign

# Traffic/Signal

## Chancellor Ballroom

**Moderator: Kalpana Kannan-Hosadurga, Arterial Traffic Operations Engineer, IDOT District 1**

**1:45-2:20 pm**            **Illinois Statewide Advanced Traffic Management Systems (ATMS) Update**  
**Terrence M. Heffron**  
**ITS Unit Manager**  
**Illinois Department of Transportation**

**2:20-2:55 pm**            **Smart Traffic Signals/APS**  
**Tyler Krage**  
**Supervisor of Traffic Signal Section**  
**Chicago Department of Transportation**

**2:55-3:25 pm**            **Break**

**3:25-4:00 pm**            **New Intelligent Traffic Signal Technologies**  
**Christos Achillides**  
**Associate Vice President**  
**Mobility Consulting Solutions**

**Todd Downs**  
**Solutions Manager**  
**MoboTrex**

**Brian Plum**  
**Territory Sales Manager**  
**Traffic Control Corporation**

**4:00-4:35 pm**            **Chicago Connected Vehicles Pilot**  
**Abraham Emmanuel**  
**Deputy Commissioner, Traffic Safety and Technology**  
**Chicago Department of Transportation**

**4:35-5:10 pm**            **Illinois Tollway Connected Vehicle Pilot Update**  
**Robert J. Glaz**  
**ITS Manager**  
**Illinois State Toll Highway Authority**

**Jeff Hochmuth**  
**Senior ITS Engineer**  
**CDM Smith**

# Traffic Engineering and Safety Conference

Thursday, October 20, 2022

**Chancellor**

**7:00-8:00 am**

**Breakfast**

**General Session**

**Chancellor Ballroom**

**Moderator:**

**Thomas Szabo, President, ITE- Illinois Section & Senior Project Manager,  
Christopher B. Burke Engineering, Ltd.**

**8:00-8:35 am**

**Illinois State Police Update  
Lieutenant Joseph Hutchins, Legal Office  
Lieutenant John C. Thompson  
Illinois State Police**

**8:35-9:10 am**

**Federal Infrastructure Bill Funding Programs  
George A. Tapas  
Bureau Chief of Local Roads and Streets  
Illinois Department of Transportation**

**9:10-9:45 am**

**Micro-mobilizing: Sharing Bikes & Scooters in Chicago  
Sean S. Wiedel  
Assistant Commissioner, Division of Citywide Services  
Chicago Department of Transportation**

**9:45-10:05 am**

**Break**

**10:05-10:40 am**

**Traffic Incident Management...new collaborations and updates  
Robin Helmerichs  
Traffic Incident Management Coordinator  
Illinois Department of Transportation  
  
Lieutenant Jacob Tresenriter  
Illinois State Police, Office of the Director  
Office of Labor Relations/Special Projects**

**10:40-11:25 am**

**Connected Vehicle Path Ahead  
Neal Hemenover  
Senior Director  
Stantec Generation AV  
  
Nick Jarmusz  
Director of Public Affairs  
AAA- The Auto Club Group**

11:25-12:00 pm EV Strategies and the State of Illinois – featuring Argonne National Labs and IDOT

12:00-12:10 pm Evaluation and Adjourn

## **Post-Conference Roundabout Workshop**

**Thursday, October 20, 2022**

**Chancellor Ballroom**

**1:00-5:00 pm**

**Facilitator- Matt Papirnik, Project Manager, Burns & McDonnell**

### **Presenters**

**Hilary Isebrands, FHWA**

**Karen Robles, Village of Schaumburg**

**Jason Salley, IDOT**

**Haley Smith, Burns & McDonnell**

The workshop will feature perspectives from federal, state, and local officials, roundabout design experts and transportation professionals on how to make roundabouts a bigger part of our transportation system. Modern, well-designed traffic roundabouts have proven to improve safety for vehicles and pedestrians, increase traffic flow capacity, reduce speed, and benefit the environment. The State of Illinois is now well-positioned to deploy roundabouts at a much greater pace, taking advantage of the experience and institutional knowledge of our neighboring states.

The workshop is specifically tailored to educate local, county, and state agency personnel and those in the private sector on how to successfully promote, fund, design, implement and operate roundabouts.