

# PRELIMINARY PROGRAM

Transportation and Highway Engineering Conference  
February 27 & 28, 2018  
With Pre-Conference Activities on February 26

## Pre-Conference Activities

Monday, February 26

### Short Courses

I Hotel & Conference Center  
1900 1<sup>st</sup> Street  
Champaign, IL  
Lincoln Room

9:00 am- 12:00 pm

*3D Reality Modeling and Predictive Data Analytics in Transportation Construction & Operation Management*

Mani Golparvar Fard

CEO and Co-Found of Reconstruct, Inc.

Associate Professor of Civil Engineering, Computer Science, and Technology Entrepreneurship

University of Illinois at Urbana-Champaign

Urbana, IL

12:00- 1:00-Lunch

1:00 pm- 4:00 pm

*101 Pavement Life Cycle Assessment*

Imad L Al-Qadi

Professor, Department of Civil & Environmental Engineering

Director, Illinois Center for Transportation

University of Illinois at Urbana-Champaign

Urbana, IL

### Department of Civil & Environmental Engineering Student Opportunity

Newmark Civil Engineering Laboratory

205 North Mathews Avenue

Urbana, IL

Room 3310

4:30 pm- 5:30 pm- *Engineering Careers at Government Agencies*

Panel Discussion with IDOT, Illinois Tollway and County Engineers

### Fish Fry at Legends

522 E Green Street, Champaign, IL

5:00 pm- 9:00 pm- included in your conference registration

## **General Session**

**Tuesday, February 27**

**Illini Union ABC**

**9:00 am**

### ***Opening Remarks***

**Jeff Roesler**

**Conference Director, Professor and Associate Head for Graduate Affairs**

**Department of Civil & Environmental Engineering**

**University of Illinois at Urbana-Champaign**

**Urbana, IL**

**9:10 am**

### ***Overview of the Jane Adams***

**Pete Foernssler**

**Deputy Chief of Program Implementation**

**Illinois Tollway**

**Downers Grove, IL**

**9:45 am**

### ***I-74 Quad Cities Mississippi Bridge Project***

**10:20 am**

**Break**

**10:40 am**

### ***Professional Responsibility for Engineers Panel***

**Anne Blume**

**Office Managing Partner**

**Cozen O'Connor**

**Chicago, IL**

**Melissa Roberts**

**Vice President**

**USI Insurance Services LLC**

**Chicago, IL**

**11:45 am**

### ***O'Hare Modernization Plan Update***

**Frank Grimaldi**

**Assistant Commissioner**

**Aviation Administration Building**

**Chicago, IL**

**12:15 pm**

**Recess for Lunch**

## **Bridges & Structures**

**Tuesday, February 27**

**Room 314 A & B**

**1:30 pm**

***Integral Abutment***

**2:10 pm**

***Illinois Route 115 Accelerated Bridge Construction***

**Stan Kaderbek**

**Vice President**

**Milhouse Engineering & Construction, Inc.**

**Chicago, IL**

**Chad Hodel**

**Senior Associate**

**WHKS & Co.**

**Springfield, IL**

**2:50 pm**

**Break**

**3:10 pm**

***Tied Arch Bridges***

**Dr. Shankar Nair**

**Senior Vice President**

**Exp US Services Inc.**

**Chicago, IL**

**3:50 pm**

***I-74 Mississippi Bridge Foundations***

**Andrew J Keaschall**

**VP, Illinois Structural Group Manager**

**Alfred Benesch & Company**

**Chicago, IL**

**4:30-7:00 pm Mixer**

# **Design, Construction & Environment**

**Tuesday, February 27**

**Illini Union A**

**1:30 pm**

***IDOT Environmental Assessment***

**2:10 pm**

***Performance Based Practical Design***

**2:50 pm**

**Break**

**3:10 pm**

***Opening Strength of Concrete***

**3:50 pm**

***Update to Circle Interchange***

**Brian Kuttab**

**Project Manager**

**Illinois Department of Transportation**

**Schaumburg, IL**

**Eric Ray**

**Resident Engineer**

**Illinois Department of Transportation**

**Schaumburg, IL**

**4:30-7:00 pm Mixer**

## **Traffic, Operations & Safety**

**Tuesday, February 27**

**Illini Union B**

**1:30 pm**

***Pedestrian Crossing Safety***

**Yan Qi**

**Assistant Professor, Civil Engineering Department**

**Southern Illinois University**

**Edwardsville, IL**

**2:10 pm**

***Illinois Tollway M-1 Maintenance Facility Reconstruction***

**Ed Flores**

**Deputy Program Manager**

**Illinois Tollway**

**Downers Grove, IL**

**2:50 pm**

**Break**

**3:10 pm**

***Do More Emergency Lights Make You Safer?***

**Captain Mark Karczewski**

**Illinois State Police**

**Springfield, IL**

**3:50 pm**

***Effective Safety Strategies for Non-Motorized Modes in Urban Environments***

**Jon McCormick**

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

**Illinois Department of Transportation**

**Springfield, IL**

**Jason Salley**

**Geometrics Engineer**

**Illinois Department of Transportation**

**Schaumburg, IL**

**4:30-7:00 pm Mixer**

## **Local Roads & Streets**

**Tuesday, February 27**

**Illini Union C**

**1:30 pm**

***IPWMAN***

**2:10 pm**

***Pavement to Gravel Conversion***

**Craig Fink**

**Engineer**

**Tazewell County**

**Peoria, IL**

**Brad Skinner**

**Engineer**

**Montgomery County**

**Red Oak, IA**

**2:50 pm**

**Break**

**3:10 pm**

***Pavement Preservation***

**Aaron Osman**

**Sales Consultant**

**Dunn Company**

**Decatur, IL**

**3:50 pm**

***KDOT's First Roundabout***

**Jennifer O'Connell**

**Senior Project Manager**

**Kane County Division of Transportation**

**Chicago, IL**

**Matt Papirnik**

**Associate Civil Engineer/Project Manager**

**Burns & McDonnell**

**Chicago, IL**

**4:30-7:00 pm Mixer**

## **General Session**

**Wednesday, February 28**

**Illini Union AB**

**8:00 am**

***Atlanta Bridge Fire***

**8:45 am**

***ICT Update***

**Imad L Al-Qadi**

**Director, Illinois Center for Transportation**

**Professor, Department of Civil & Environmental Engineering**

**University of Illinois at Urbana-Champaign**

**Urbana, IL**

**9:30 am**

***Awards Presentation***

**10:15 am**

**Break**

**10:40 am**

***Vision for 21<sup>st</sup> Century CEE Department***

**11:00 am**

***Tollway Update***

**Greg Bedalov**

**Executive Director**

**Illinois Tollway**

**Downers Grove, IL**

**11:20 am**

***Federal View***

**11:40 am**

***Illinois View-Performance Based Project Metrics***

**Erin Aleman**

**Director, Office of Planning and Programming**

**Illinois Department of Transportation**

**Chicago, IL**

**12:15 pm**

***Annual Luncheon (Illini Room C)***

***Evolution of Ride Sharing in Transportation***