FINAL PROGRAM

100th Annual

Kansas Transportation Engineering Conference

April 10 and 11, 2018

K-State Student Union
K-State Alumni Center
Manhattan, Kansas

Sponsored by

K-State University Transportation Center (KSUTC)
Kansas Department of Transportation (KDOT)
Kansas County Highway Association (KCHA)
Kansas Chapter, American Public Works Association (APWA)
Kansas Association for Uniform Traffic Control (KAUTC)
Federal Highway Administration (FHWA)
Kansas University Transportation Center (KUTC)
Tuesday, April 10

7:00-8:00  Exhibitor Move-In
Main/West Ballroom, Second Floor

8:00-8:50  Registration and Refreshments, Coffee
Second Floor Concourse (Registration), Main/West Ballroom (Refreshments), Courtyard Lobby (Coffee)
Lanyards sponsored by Affinis Corp
Coffee sponsored by Dondlinger Construction
Commemorative program sponsored by K-State Global Campus

8:00-12:00  Trade Show Hours
Main/West Ballroom, Second Floor

Session I
Forum Hall
Ron Seitz, P.E., Director of Engineering and Design, Kansas Department of Transportation, Topeka, KS, presiding

8:50-9:00  Welcome to Guests
Gary Clark, P.E., Senior Associate Dean of Engineering, Kansas State University, Manhattan, KS

9:00-9:30  KDOT Update
Catherine Patrick, P.E., State Transportation Engineer, Kansas Department of Transportation, Topeka, KS

9:30-10:00  FHWA Update
Brandye Hendrickson, Acting Administrator, Federal Highway Administration, Washington D.C.

10:00-10:40  Break with Exhibitors
Main/West Ballroom, Second Floor
Tuesday break sponsored by WSP USA Inc.

Session II-A
Forum Hall
Wayne Blackbourn, P.E., P.S., Coffey County Engineer, Coffey County, Burlington, KS, presiding

10:45-11:15  Kansas Local Bridge Load Rating Program
Colby Farlow, P.E., Local Bridge Engineer, Kansas Department of Transportation, Topeka, KS
Scott Moeder, P.E., Bridge Inspection Manager, GBA, Lenexa, KS
Lindsay Madsen, P.E., Bridge Engineer, TranSystems, Kansas City, MO

11:25-11:55  KDOT-BLP, Right of Way Certification Program
Eric Deitcher, Transportation Specialist, Federal Highway Administration – Kansas Division, Topeka, KS
Ed Thornton, P.E., Road Team Leader, Kansas Department of Transportation, Topeka, KS
Session II-B
K/S Ballrooms, Second Floor
Christopher Jones, Associate Professor, Kansas State University, Manhattan, KS, presiding

10:45-11:15  Durable High Early Strength Concrete for Rapid Repair
Yadira Porras, Master’s Student, Kansas State University, Manhattan, KS

11:25-11:55  Low-Cracking High-Performance Concrete Bridge Decks
James Lafikes, P.E., PhD Student, University of Kansas CEAE, Lawrence, KS

12:00-1:15  Professional Engineers in Government (PEG) Luncheon
Main/West Ballroom, Second Floor
Gary Janzen, P.E., City Engineer/Assistant Director of Public Works & Utilities, City of Wichita, Wichita, KS, presiding

  Long Overdue: Wichita’s I-235/US 54 Interchange Reconstruction and Modernization
  Bob Miller, P.E., Vice President, TranSystems Corporation, Kansas City, MO
  Mark Wisner, General Superintendent, Dondlinger Construction, Wichita, KS

1:30-4:30  Trade Show Hours
Main/West Ballroom, Second Floor

Session III-A
Forum Hall
Greg Schieber, P.E., Bureau Chief Construction & Materials, Kansas Department of Transportation, Topeka, KS, presiding

1:30-2:00  KDOT Construction Stormwater and Consent Decree Update
Jason Van Nice, P.E., Stormwater Compliance Engineer, Kansas Department of Transportation, Topeka, KS

2:10-2:40  Alternative Design - Build Delivery - EPC, KTA Bridge Raising
Glen Scott, Design & Construction Engineer, Kansas Turnpike Authority, Wichita, KS
Luke Coltrane, Design & Construction Engineer, Kansas Turnpike Authority, Topeka, KS
Scott Fletcher, Construction Manager, Burns & McDonnell, Kansas City, MO
Rod Lacy, P.E., Alternative Project Delivery Department Manager, Burns & McDonnell, Overland Park, KS

Session III-B
K/S Ballrooms, Second Floor
Sara Peters, P.E., Systems Integrator, GBA Systems Integrators, Lenexa, KS and Secretary, Kansas Association for Uniform Traffic Control, presiding

1:30-2:00  MAASTO Truck Parking Innovation
Davonna Moore, Assistant Bureau Chief of Transportation Planning, Kansas Department of Transportation, Topeka, KS

2:10-2:40  HERE Technologies Connected and Automated Driving Services
Milton Ospina, Government & Enterprise Sales Manager, HERE Technologies, Louisville, CO
Session III-C
Engineering Complex

1:30-3:00  K-State Design Teams & Engineering Complex Tour

2:40-3:00  Break with Exhibitors
Main/West Ballroom, Second Floor
Tuesday break sponsored by WSP USA Inc.
Call Hall ice cream sponsored by HNTB

Session IV
Forum Hall
Eric Fitzsimmons, P.E., Assistant Professor, Kansas State University, Manhattan, KS, presiding

3:00-3:45  History of Transportation in Kansas
Norm Bowers, P.E., Local Road Engineer, Kansas Association of Counties, Topeka, KS

3:45-4:30  Future of Transportation in Kansas - Panel Discussion
Moderator - Eric Deitcher, Transportation Specialist, Federal Highway Administration – Kansas Division, Topeka, KS
Rick Backlund, Division Administrator, Federal Highway Administration-Kansas Division, Topeka, KS
David Warm, Executive Director, Mid-America Regional Council, Kansas City, MO
Deb Miller, Vice-Chairman, Surface Transportation Board, Washington D.C.
Catherine Patrick, P.E., State Transportation Engineer, Kansas Department of Transportation, Topeka, KS

5:00-6:00  Social Hour
K-State Alumni Center First Floor Concourse
Sponsored by Contech Engineered Solutions LLC

6:00-8:00  Banquet
K-State Alumni Center Banquet Rooms A-D
Wednesday, April 11

8:00-8:45  Refreshments and Coffee  
Main/West Ballroom (Refreshments), Courtyard Lobby (Coffee)  
Lanyards sponsored by Affinis Corp

8:00-12:00  Trade Show Hours  
Main/West Ballroom, Second Floor

Session V  
Forum Hall  
Chris Herrick, P.E., Division Director Planning and Development, Kansas Department of Transportation, Topeka, KS, presiding  

8:45-9:25  Getting to OReGO (Oregon’s Road Usage Charge Program)  
Brad Witt, Oregon State Representative, Oregon Legislature, Salem, Oregon

9:25-10:05  Transportation Safety – Why are fatalities increasing in Kansas and across the US?  
David Kopacz, P.E., Highway Safety Engineer, Federal Highway Administration, Baltimore, MD

10:05-10:35  Break with Exhibitors  
Main/West Ballroom, Second Floor  
Wednesday break sponsored by Burns & McDonnell

Session VI-A  
Forum Hall  
Chris Bruntz, P.E., Transportation Engineer for the Federal Highway Administration, Topeka, KS, presiding

10:35-11:05  I-435 & Roe “A Bridge Replacement Turned into a Diverging Diamond”  
Steve Rockers, P.E., Road Design Leader, Kansas Department of Transportation, Lawrence, KS  
Craig Cogan, P.E., Project Manager, HNTB Corporation, Overland Park, KS

11:15-11:45  Lewis & Clark Viaduct Westbound Bridge Replacement  
Debbie Tanking, P.E., Road Design Leader, Kansas Department of Transportation, Topeka, KS  
Kim Curry, P.E., Senior Associate Civil Engineer, Burns & McDonnell, Kansas City, MO  
Kevin Eisenbeis, P.E., Project Manager, Burns & McDonnell, Kansas City, MO

Session VI-B  
K/S Ballrooms, Second Floor  
Nathan Bergman, P.E., Senior Project Manager, Bartlett & West, Inc, Manhattan, KS and President of American Public Works Association, presiding

10:35-11:05  Current Practices at KDOT on the Use of Pipe Liners  
John Hobelman, P.E., Road Squad Leader, Kansas Department of Transportation, Topeka, KS  
Thomas Hussa, P.E., Road Squad Leader, Kansas Department of Transportation, Lawrence, KS

11:15-11:45  Freeze-Thaw Performance of Recycled Aggregates for Stabilized Base  
Christopher Jones, Associate Professor, Kansas State University, Manhattan, KS

11:45-1:15  Lunch (on your own)
Session VII-A
Forum Hall
Matthew Volz, P.E., Sr. Transportation Project Manager, HDR, Kansas City, MO presiding

1:15-1:45  KDOT Asset Management: Not Just Suddenly Important
David Schwartz, P.E., Asset Management/Performance Measures Manager, Kansas Department of Transportation, Topeka, KS

1:55-2:25  TSMO: More than an Acronym
Patrick Son, P.E., Managing Director, National Operations Center of Excellence, Washington, D.C.

Session VII-B
K/S Ballrooms, Second Floor
James Simerl, Project Development Team Leader, Federal Highway Administration, Topeka, KS presiding

1:15-1:45  KSU Chilled Water Expansion & Controls Upgrade
Mark Bachamp, P.E., Project Engineer, Olsson Associates, Manhattan, KS
Jack Carlson, Project Manager, Kansas State University, Manhattan, KS

1:55-2:25  AASHTO Greenbook 7 Overview
Doug Harwood, P.E., Transportation Research Center Director, MRIGlobal, Kansas City, MO

Session VIII
Forum Hall
Dr. Sunanda Dissanayake, Professor and Conference Director, Kansas State University, Manhattan, KS, presiding

2:35-3:05  Colleges of Engineering Update
Darren Dawson, Dean of Engineering, Kansas State University, Manhattan KS
Michael Branicky, P.E., Dean of Engineering, University of Kansas, Lawrence, KS

3:05-3:35  MoDOT Hurricane Relief
Eric Ramsey, District Safety and Health Manager, Missouri Department of Transportation, Lee’s Summit, MO

3:35-3:45  Closing Remarks
Sunanda Dissanayake, Professor and Conference Director, Kansas State University, Manhattan, KS

Future Conference Dates
2019: 101st Annual, April 9-10, 2019
2020: 102nd Annual, April 14-15, 2020
2021: 103rd Annual, April 13-14, 2021
2022: 104th Annual, April 12-13, 2022
2023: 105th Annual, April 11-12, 2023
2024: 106th Annual, April 9-10, 2024
2018 Conference Planning Committee
Susan Barker, Chair, KDOT
Sunanda Dissanayake, Conference Director, KSU
Wayne Blackbourn, Kansas County Highway Association
Doug Daugherty, FHWA
Lisa Harris, KUTC
Blair Heptig, KDOT
Rick Kreider, KDOT
Shawn Mellies, City of Wichita, Kansas Chapter American Public Works Association
Garry Olson, KDOT, Kansas Association for Uniform Traffic Control
Glen Scott, Kansas Turnpike Association
Dominque Shannon, KDOT
Alan Spicer, KDOT
Debbie Tanking, KDOT
Ed Thornton, KDOT

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