

# 2017 BREAKOUT SESSIONS

## Breakout Session #1 - Wednesday, March 22

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3
1:00 PM	Delmar Loop Trolley Update (Tim Nittler, CH2M)	The First LPA Design Build Project in Missouri (Jackie White, PE City of Grandview, MO; Todd Thalman, TranSystems)	The St. Louis Regional Freightway's Freight Needs and Development Plan (Mary Lamie, E-W Gateway; Sara Clark & Barb Frost, TranSystems)	Design Build and Beyond - Rogersville Project Freeway (James Shaw, RS&H; Sean Matlock - MoDOT; Ben Cummings - Radmacher Brothers, Rick Walker, CFS)
1:30 PM	Kansas City Streetcar: Where do we go from here? (Christopher Kinzel, HDR; Jason Waldron, KCMO)	Complete Streets - Transforming Communities and State Highways (Sabin Yanez, CFS)	The Right Blend of Key Ingredients for Optimizing Investment Decisions: Risk, Assessment & Performance Management (Mara Campbell, CH2M)	Ohio River Bridges DB Project - Bridge A026-2 - Curved Steel Box Girder (Ben Erschen, Jacobs)
2:00 PM	Urban Rehabilitation Corridor Models (Mark Schnesk-Seiler Design Solutions, LLC)	I-35 Integrated Corridor Management Project (Jennifer L. Russell, Garver; Ray Webb, MARC - Operation Green Light)	Every Day Counts 4 (EDC4) Overview: Traffic Signal Performance Measures (Rick Denney, FHWA)	Grand Boulevard Bridge Emergency Replacement (Cory Imhoff, Brian Zeiger, HDR)
<b>Moderator:</b>	Brett Foster, City of Springfield	Victoria Mechtley, TEPA LLC	Buddy Desai, CH2M	Tom Lohman, Horner & Shifrin

## Breakout Session #2- Thursday, March 23

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3
8:00 AM	Threatened and Endangered Species Assessments (Bree McMurray, MoDOT)	Polyurethane Foam Injection for Roadway and Bridge Maintenance (Don Deardorff, Foundation Supportworks)	Optimizing the value of soil compaction testing quality assurance and control using stochastic life cycle cost, comparative and statistical analysis (Kevin McLain, MoDOT)	Bicycling and Walking Innovations and Guidance for Small Towns and Rural Communities (Paul Wojciechowski, Alta Planning + Design)
8:30 AM	Electronic Request For Environmental Services (RES) is Now Available for External Users (Richard Moore, MoDOT)	Helical Piles and Tiebacks for Road and Bridge (Re)Construction (Don Deardorff, Foundation Supportworks)	Johnson County Road Design Standards (Howard Lubliner, SKW)	Corrosion Evaluation of Epoxy-Coated Rebar Decks along the US-18 and IA-9 Corridors (Siva Venugopalan, Siva Corrosion Services, Inc.)
9:00 AM	I-270 North Environmental Assessment (Buddy Desai, CH2M)	BRO (Bridge off-system) Program. Case study: Pile Protection System-Henry Co Bridge Rehab, Montrose Lake. (Darin R. Hamelink, MoDOT)	The New and Improved Highway Capacity Manual: Weird Intersections, Reliability, Multimodalism, and ITS (Christopher Kinzel, HDR)	Low Cost, High Returns Micro-surfacing Existing Pavements-Pavement Preservation (Brett Gaither, Byrne & Jones)
<b>Moderator:</b>	Ozzy Bravo, Terracon	Amy Crawford, MoDOT	Liz Duvall, Jviation	Brian Nevins, FHWA



## 2017 BREAKOUT SESSIONS

### Breakout Session #3 - Thursday, March 23

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3
10:00 AM	Creative Solutions for Green Streets and Public Space (Jim Schuessler, CFS)	FHWA Underwater Substructure Bridge Investigations (Jason Hickey, Terracon)	The View from the Driver(less) Seat – How the Connected and Autonomous Vehicle's Future is Affecting Today's Transportation Planning and Communication (Kate Garman, City of Kansas City, MO; Martin Rivarola, MARC; Kip Strauss, HNTB)	Merchants Bridge Design-Build (Kevin Kriete, Lyndsie Janbakhsh, HDR)
10:30 AM	Implementation and Integration of 3D Geologic Subsurface Modeling in the Highway Design Process (John Szturo, HNTB)	Traffic Modeling for the US 169 /I-70 North Loop, Planning and Environmental Linkages (PEL) Study (Paul Plotas, Wilson & Co)	Changing the Way We Travel (Mara Campbell, CH2M)	Structures of California High Speed Rail (Michael Cronin, Jacobs)
11:00 AM	Scanning The Stan Musial Bridge with the Trimble Sx10 (Pat Stack and Kelly Harris, Seiler Instrument)	Rehabilitation of the EADS Bridge (Allen Smith, TranSystems)	But I Want a Wall Too... (Tawn Nugent, John Fitzpatrick, GBA)	Corrosion Evaluation of two reinforced concrete bridges in Salem and Roanoke Virginia (Siva Venugopalan, Siva Corrosion Services, Inc.)
<b>Moderator:</b>	Mike Busch, Oates & Associates	Tirzah Gregory, HNTB	Jesse Jonas, St. Louis County	Carrera Kauszler, SE3

### Breakout Session #4 - Friday, March 24

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3
8:00 AM	Smart Cities and Beyond: Imagining the Future (Eric Plapper, Bernie Arseneau, HDR)	Therapy for Projects (Jennifer L. Russell, Garver)	A Case Study Comparison of SRH-2D and HEC-RAS Two-Dimensional Hydraulic Models for Highway Encroachments and Bridges (Mark Hammonds, Garver)	Completion of the I-70 Columbia Bridges (Tim Broyles, Parsons; Travis Koestner, MoDOT)
8:30 AM	Sustainability - Not just a buzzword anymore. What it means for transportation projects (Jennifer Schwaller, HDR)	Work Zone Stochastic Capacity: Case Study of I-44 in St. Louis (Jalil Kianfar, St. Louis University)	USGS Flood Inundation Mapping (Paul Rydlund, USGS)	
9:00 AM	Transload Facility Study (Jennifer Schwaller, HDR)	Hillsboro Road Safety Improvement Study for St. Louis County (James Ritter, CH2M)	Implementation on Safety Research (Howard Lubliner, SKW)	Preserving Bridge Decks in Missouri with Fast Track Hydrodemolition and Latex Modified Concrete (Patrick Martens, Bridge Preservation and Inspection Services)
<b>Moderator:</b>	Paul Plotas, Wilson & Company	Victoria Mechtly, TEPA LLC	Bob Gilbert, Bartlett & West	Todd Miller, MoDOT