



2018 BREAKOUT SESSIONS

Breakout Session #1 - Wednesday, March 7

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3	Fall Creek
4:00 PM	Hydraulics and Hydrology Update <i>Dennis Heckman, P.E.- MoDOT</i>	I-435 South Loop Design Build from Stateline to Grandview Rd <i>Perry Allen- MoDOT</i>	MoDOT's Response to Hurricane in Florida <i>Bruce C. Pettus- MoDOT</i>	MoDOT Environmental Section Update or What's new in the Environmental Section of MoDOT <i>Richard Moore & Matt Burcham- MoDOT, & Raegan Ball- FHWA</i>	Asset Maintenance Outsourcing: How Will DOTs Operate in the Future? <i>David Rader- HDR</i>
4:30 PM	Merchants Bridge Rehabilitation Adds Years to Bridge Life and Saves Maintenance Costs <i>Allen Smith- TranSystems</i>	Ewing Yard Retaining Wall DB <i>Kevin Kriete, P.E.- HDR</i>	BNSF Railway Flooding Preparedness, Response, and Recovery <i>Erich Schmitz, P.E. -Wilson & Company</i>	LPA T&E Improvements Follow-up to 2017 Presentation <i>Bree McMurray- MoDOT</i>	USDOT Office of Inspector General <i>Thomas Ullom- Office of Inspector General</i>
5:00 PM	1-D and 2-D Hydraulics Modeling for I-44-Outer Road Bridge over Gasconade River in Laclede County in MO <i>Pete Jarchow & Chintan Sutaria- HNTB</i>	Quality Control Testing of Drilled Shafts through Thermal Integrity Profiling <i>Matt Silveston, P.E., & James Schmidt, P.E., DGE.- Terracon</i>	Johnson Drive Bridge over I-435 Emergency Repairs <i>Sam Kevern- HNTB</i>	Section 106 Compliance for LPA Projects <i>Mike Meinkoth- MoDOT</i>	Cyber Security <i>Shannon McMurtrey, Ph.D.- Drury</i>

Breakout Session #2- Thursday, March 8

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3	Fall Creek
10:30 AM	History of Missouri Bridges <i>Bryan Hartnagel, P.E., Ph.D.- MoDOT</i>	Full-Depth Reclamation <i>Brett C. Gaither- Byrne & Jones Construction</i>	MoDOT St. Louis District Safety Design Build – Road to Saving Lives <i>James Ritter- CH2M, Vince Kaimann or Dave Simmons- MoDOT, & Dawn Perkins- FHWA</i>	MoDOT LRTP Update – Impact of Emerging Trends and Technologies <i>Julie Lorenz & Mike Herleth, P.E.- Burns & McDonnell</i>	Stayin' Alive – Emergency Response Saved My Life a Case Study <i>Rick Worrel, P.E.- Affinis</i>
11:00 AM	Inspection and Load Rating of the Old Chain of Rocks Bridge in St. Louis <i>Tom Lohman, P.E., S.E.- Horner & Shifrin, Inc.</i>	Pavement Preservation Hot in Place Recycling <i>Patrick Faster- Gallagher Asphalt</i>	Smart Work Zones Ease Congestion and Inform Drivers <i>Bob Miller & Slade Engstrom- TranSystems</i>	Delta Heritage Trail in Arkansas <i>Mandy Bunch- ALTA Planning + Design, Inc.</i>	Project Prioritization for Urban and Rural Projects <i>Leif Garnass, P.E., PTOE- SRF Consulting</i>
11:30 AM	Broadway Bridge Tied Arches <i>Natalie McCombs, P.E., S.E.- HNTB</i>	Construction of Sprigg St. Bridge over Active Sinkholes <i>Stan Polivick- City of Cape Girardeau & Jim McCleish- Horner & Shifrin, Inc.</i>	TSM&O Training for the Heartland <i>Matthew Volz, P.E.- HDR & Randy Johnson, P.E.- MoDOT</i>	City of St. Louis Downtown Multimodal Study – Enhancing Transportation Choice in Downtown St. Louis <i>Jacque Lumsden- CBB, Jamie Wilson, P.E., PTOE.- City of STL & Shawn Leight, P.E., PTOE, PTP- CBB</i>	Olmsted Lock and Dam <i>Sharon Hoffmann- Jacobs Engineering</i>



2018 BREAKOUT SESSIONS

Breakout Session #3 - Thursday, March 8

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3	Fall Creek
1:30 PM	Route 65 Rebuild <i>Brad Gripka- MoDOT</i>	2D Hydraulics, Benefits of 2D Hydraulic Modeling at Blackhawk Bridge in Lansing, IA <i>Mike Carroll- Burns & McDonnell</i>	Preparing Communities to Plan for ACES - Autonomous, Connected, Electric and Shared-Use Vehicles <i>Kip Strauss & Michael DeMent- HNTB</i>	Partnering for Endangered Species Resource Protection <i>Bree McMurray- MoDOT</i>	Articulating Concrete Block Mats (ACBMs): A Solution to Severe Erosion Control Applications <i>Rocky Waldin- Construction Specialties</i>
2:00 PM	Route F over I-70 Interchange Retrofit to DDI <i>Michele Keal- Benesch, Jim Jussel, Benesch & Mark Fisher- MoDOT</i>	MSE Wall Engineering – A New Look at Contracting, Design, and Construction <i>James Schmidt, P.E., DGE- Terracon</i>	LiDAR Case Studies in Transportation Design <i>Will Knight, PLS & Whit Lynn- Wilson & Company</i>	Broadway PEL, Traffic Modeling <i>Martin Rivarola- MARC, Paul Plotas- Burns & McDonnell &, Allison Karagiorgas- Wilson & Company</i>	Advancements in Material and Fabrication Technology <i>Matt Shergalis- American Institute of Steel Construction</i>
2:30 PM	Expedited Replacement of the James Bridge on Route PP <i>Todd Kempker, P.E. or Bruce Green- Bartlett & West, & Pete Berry- MoDOT</i>	Chesapeake Bay Bridge and Tunnel Facility <i>Chris Williams- Jacobs Engineering</i>	Lincoln Cycle Track <i>Justin Petersen- Olsson Associates</i>	Conservation Banking – Not Just for Wetlands Anymore <i>Steve Thornhill, LEED AP- Burns & McDonnell</i>	Lab-on-Sensor for Structural Behavior Monitoring: Theory and Applications <i>Dr. Genda Chen- Missouri S&T</i>

Breakout Session #4 - Friday, March 9

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3	Fall Creek
8:30 AM	Engaging the Public and Building Positive Public Perception <i>Marisa Ellison & Sally Oxenhandler- MoDOT</i>	Geotechnical and Technology Solutions: Project Collaborations <i>Adam Horn & Laura Wagner- Bartz, P.E.- HNTB</i>	Cortex Metro Link Station <i>Andrew Potthast- HNTB</i>	Iowa's I-80 PEL Study <i>Jerry Mugg, P.E.- HG Consult</i>	Traffic Incident Management Tools for Urban and Rural Highways <i>Stephanie Falkers, AICP- SRF Consulting & Mike Dolde, P.E., PTOE- CBB Engineers</i>
9:00 AM	Communicating with Your Community <i>Kristen Leathers, P.E., Assoc. DBIA- Affinis</i>	HDD Large Diameter Pipeline Crossings of Highways – Protecting Everyone's Assets <i>Chris Mills, P.E.- GeoEngineers, Inc.</i>	The 100 years of Boeing; Past, Present & What the Future Holds <i>James Nelson- Boeing</i>	Access Management = Economic Development - A Success Story <i>Mike McKenna, P.E., PTOE, ENV SP- Affinis</i>	Roundabouts: Designing for Today, Planning for Tomorrow <i>Todd Kempker, P.E.- Bartlett & West</i>
9:30 AM	Extending Your Communications Network Through Public-Private Partnerships <i>Blake Hansen & David Hoelzel- Olsson Associates</i>	Brain and Spinal Cord Injury Prevention Utilizing Highway Signs <i>Fassil B. Mesfin, MD, Ph.D., FAANS- University of Missouri</i>	Incorporating Complete Streets into Maintenance Projects <i>Kurt Bialobreski, P.E., PTOE & Matthew Dawson, P.E., PTOE- Hanson</i>	I-35/I-80/IA 141 Interchange IJR & NEPA Urbandale, IA, Client Iowa DOT <i>Jason Dohrmann & David Dougherty- HR Green</i>	California High Speed Rail CP 2-3 Project Overview <i>Jeff Kokal- Jacobs Engineering</i>