



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 <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 & Nick Staroski - TranSystems</i>	Ewing Yard Retaining Wall DB <i>Kevin Kriete, P.E. & Matthew Wombacher - 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. - Terracon</i>	Traffic Incident Management Tools for Urban and Rural Highways <i>Stephanie Falkers, AICP - SRF Consulting & Greg Owens, P.E. - CBB</i>	Section 106 Compliance for LPA Projects <i>Mike Meinkoth - MoDOT</i>	Cyber Security <i>Shannon McMurtrey, Ph.D. - Drury</i>
MODERATOR:	Mike Carroll, Burns&McDonnell	Judy Wagner, MoDOT	Marc Lewis, MoDOT	Todd Kempker, Bartlett & West	PJ Kronlage, EFK Moen

Breakout Session #2- Thursday, March 8

Time	Short Creek 2	Short Creek 4	Cooper Creek 1	Cooper Creek 3	Fall Creek
10:30 AM	Chronological History of Missouri Bridge Design <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>Dave Simmons & Stephen Georges - MoDOT, Dawn Perkins - FHWA, James Ritter - Jacobs, & Jarrett Jasper - Horner & Shifrin</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>Justin Gonzalez - Gallagher Asphalt</i>	Smart Work Zones Ease Congestion and Inform Drivers <i>Bob Miller & Slade Engstrom - TranSystems</i>	Kansas City's Beyond the Loop PEL <i>Mike DeBacker, Burns & McDonnell & Wes Minder – City of Kansas City, Missouri</i>	Project Prioritization for Urban and Rural Projects <i>Leif Garnass, P.E., PTOE - SRF Consulting</i>
11:30 AM	Unforeseen Effects of Secondary Members <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 & Jon Deves, P.E., PTOE - CBB</i>	Olmsted Lock and Dam <i>Sharon Hoffmann - Jacobs Engineering</i>
MODERATOR:	Belay Nerea, MoDOT	Lori Greer, MoDOT	Brian Nevins, FHWA	Bruce Wylie, ACEC MO	Todd Miller, MODOT



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>Chris Kopp, AICP CTP - 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, Justin Davis & 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>Paul Plotas - Burns & McDonnell, & Eileen Yang, MARC</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>Bruce Green - Bartlett & West & Pete Berry & Audie Pulliam - 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>Mark Tucker & Josiah Maine - Burns & McDonnell</i>	Blended LiDAR Survey <i>Jonathan Rowsell - ABNA Corp</i>
MODERATOR:	Bryce Acton, MoDOT	Ozzy Bravo, Terracon	Jon Luer, ABNA	Amy Crawford, MoDOT	Elizabeth Duvall, Jviation
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 - MoDOT</i>	Geotechnical and Technology Solutions: Project Collaborations <i>Laura Wagner -Bartz, P.E.- HNTB</i>	Cortex Metro Link Station <i>Andrew Potthast, P.E. - HNTB</i>	Iowa's I-80 PEL Study <i>Steve Wells, AICP - Hg Consult</i>	Johnson Drive Bridge over I-435 Emergency Repairs <i>Sam Kevern - HNTB</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, P.E. - 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 & Todd Fredericksen - Olsson Associates</i>	Evaluation of Automated Flagger Assistance Devices <i>Henry Brown, MSCE, P.E. - 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>Caroline Epperly & David Dougherty - HR Green</i>	California High Speed Rail CP 2-3 Project Overview <i>Jeff Kokal - Jacobs Engineering</i>
MODERATOR:	Chintan Sutaria, HNTB	PJ Kronlege, EFK Moen	Carrera Kauszler, SE3	Jennifer Sardigal, MoDOT	Robert Orr. Wilson and Company