



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 | MerchantsBridge 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 |