

2016 TRC Engineering Conference

TUESDAY, APRIL 5, 2016

7:00 am - 8:00 am	Registration - Full Buffet Breakfast
8:00 am - 11:45 am	General Session 1 - Moderator: Kevin Thornton, AHTD
8:00 am - 8:15 am	Director's Welcome Remarks Scott Bennett, Director of Arkansas State Highway and Transportation Department
8:15 am - 8:30 am	FAST Act Angel Correa, FHWA
8:30 am - 9:15 am	Arkansas' Long Range Plan Jessie Jones, AHTD
9:15 am - 9:45 am	Break
9:45 am - 10:30 am	I-30 Corridor Update Ben Browning, AHTD
10:30 am - 11:15 am	Design-Build Lessons Learned from MoDOT Dave Simmons, MoDOT
11:15 am - 11:45 am	Broadway Bridge Update Mike Hays, AHTD
11:45 am - 1:00 pm	Lunch

PAVEMENT PRESERVATION Moderator: <i>Mark Evans, AHTD</i>		DESIGN Moderator: <i>Brook Perkins, AHTD</i>		OPPORTUNITIES OUTSIDE THE NORM Moderator: <i>Danny Straessle, AHTD</i>	
1:00 pm 1:30 pm	AHTD's Pavement Preservation Sarah Tamayo, AHTD	1:00 pm 1:45 pm	Flood Inundation Mapping in Arkansas Drew Westerman, USGS	1:00 pm 1:45 pm	Strategic Opportunities for DOTs in Social Media Andrea Henry, Iowa DOT
1:30 pm 2:15 pm	Pavement Preservation Benefits Larry Galehouse, NCPP	1:45 pm 2:30 pm	Inspection of Driven Piles with the Pile Driving Monitor Brent Robinson, Pile Dynamics Inc.	1:45 pm 2:15 pm	PAM Utilization for Highway Construction Seva Bray, Applied Polymer Systems
2:15 pm 3:00 pm	MoDOT's Pavement Preservation Accomplishments and Challenges Todd Miller, MoDOT	2:30 pm 3:00 pm	Incorporating Construction Experience into Bridge Design Joseph Jabo, AHTD	2:15 pm 3:00 pm	Jason's Law Tom Kearney, FHWA
3:00 pm 3:30 pm	Break				
3:30 pm 4:00 pm	Concrete Joint Sealing Scott Eilken, Quality Saw & Seal, Inc.	3:30 pm 4:00 pm	Work Zone Planning Kim Romano & Daniel Byram, AHTD	3:30 pm 4:00 pm	3D Laser Scanning of Historic Bridges Nikki Senn, AHTD
4:00 pm 5:00 pm	Best Practices for Pavement Preservation Round Table Discussion (T. Miller, J. Sartini, S. Tamayo, L. Frank, S. Frisbee, D. Gardner)	4:00 pm 4:30 pm	Engineering to Save Lives John Miller, MoDOT	4:00 pm 4:30 pm	Performance Based Pay at AHTD Crystal Woods, AHTD
		4:30 pm 5:00 pm	Safety & Design Round Table Discussion (A. Qazi, A. Brewer, B. Perkins, J. Mathis, J. Miller)	4:30 pm 5:00 pm	Pollinators and Roadsides: Managing Vegetation for Bees and Butterflies Kayti Ewing, AHTD
5:00 pm 6:30 pm	Welcome Reception - Sponsored by ERGON				
6:30 pm 8:30 pm	Dinner - Guest Speaker, Mayor Harold Perrin of Jonesboro, Arkansas				

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WEDNESDAY APRIL 6, 2016

7:00 am - 8:00 am	Registration - Full Buffet Breakfast
8:00 am - 12:00 pm	General Session 2 - Innovation and Lean Construction Moderator: <i>John Fleming, AHTD</i>
8:00 am - 8:45 am	<i>A Comprehensive Bridge Program</i> Rex Pearce, VDOT, Staunton District
8:45 am - 9:30 am	<i>Potential UAV Applications in the Construction Environment</i> Dr. Javier Irizarry, CGP Director, CONECTech Lab at Georgia Tech
9:30 am - 10:10 am	<i>Emergency Highway Reconstruction After Oso Landslide</i> Braydan DuRee, GeoEngineers
10:10 am - 10:30 am	Break
10:30 am - 11:15 am	<i>Precast Concrete Pavements</i> Dr. Dan Ye, Fugro Consultants, Inc.
11:15 am - 12:00 pm	<i>3D Scanning Laser for Pavements and MAP21 Requirements</i> Richard Fox-Ivey, Pavemetrics
12:00 pm - 1:30 pm	Lunch

Planning for the Future Moderator: <i>Jessie Jones, AHTD</i>		Value of Research Moderator: <i>Elisha Wright-Kehner, AHTD</i>	
1:30 pm 2:00 pm	<i>What is the Future?</i> J.D. Allen, Alliance Transportation Group	1:30 pm 2:00 pm	<i>Rice Hull Ash in Concrete</i> Chris McKenney, AHTD
2:00 pm 2:30 pm	<i>Planning for an Automated Transportation Future</i> Tom Williams, TTI Austin	2:00 pm 2:45 pm	<i>TRC1304 Foamed Warm Mix Asphalt Design Issues</i> Stacy Williams, UAF
2:30 pm 3:00 pm	Break	2:45 pm 3:15 pm	Break
3:00 pm 3:30 pm	<i>Urban Transit Planning</i> Jarod Varner, Rock Region Metro	3:15 pm 4:00 pm	<i>Improvements to NCDOT's Wetland Prediction Model</i> Morgan Weatherford, NCDOT
3:30 pm 4:00 pm	<i>Freight: Food for Thought</i> Michael Henry, AHTD	4:00 pm 4:30 pm	<i>Non-Nuclear Gauge in Construction</i> Elisha Wright-Kehner, AHTD
4:00 pm 5:00 pm	<i>Round Table for Future Research Needs</i> (Audience)	4:30 pm 5:00 pm	<i>Round Table for Future Research Needs</i> (Audience)