

**2019 TRC Transportation Conference & Equipment Expo
Wednesday, August 14**

Registration Open (7:00 AM - 5:00 PM)

	Room 207	Room 208	Room 209
8:00 AM - 12:00 PM	Pavement Preservation Workshop Dr. Stacy Williams, U of A Fayetteville, Stan Williams, Ergon, & Alan Meadors, ACPA	TMP Workshop - The Work Zone Management Process from Beginning to End Duane Thomas, FHWA	Ethics for Transportation Professionals Workshop Dr. William Lawson, Texas Tech Univ.
12:00 PM - 1:30 PM	Lunch & Exhibitor Presentations Hall B & C		
	GENERAL SESSION Moderator - Jessie Jones, ARDOT Hall A		
1:30 PM - 2:00 PM	ARDOT's Welcome - State of the Department Kevin Thornton, ARDOT		
2:00 PM - 2:30 PM	The Disaster that is Recovery: Physical & Financial Recovery from a Disaster Josh Kellen, North Carolina DOT		
2:30 PM - 3:00 PM	TXDOT's Recovery from Hurricane Harvey Michael Lee, Texas DOT		
3:00 PM - 3:30 PM	BREAK		
3:30 PM - 4:00 PM	Oracle...ARDOT System of Record Patrick Patton, ARDOT		
4:00 PM - 4:30 PM	Tidy Up! Does Your Data Spark Joy? Sharon Hawkins, ARDOT		
4:30 PM - 5:00 PM	Public Engagement - What Will It Take? Danny Straessle, ARDOT		

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Thursday, August 15				
Registration Open (7:00 AM - 5:00 PM)				
BREAKOUT SESSIONS				
	Equipment & Maintenance Moderator - Davin Webb Room 201-202	Pavement Preservation Moderator - Chris Dailey Room 207	More Than Engineering Moderator - Laura Carter Room 208	Planning for Operations Moderator - Chris McKenney Room 209
8:00 AM - 8:30 AM	Optimizing ARDOT Fleet Replacement Cycles Davin Webb, ARDOT	Pooled Fund Study to Measure Benefits of Pavement Preservation Dr. Buzz Powell, NCAT	Traffic Management Center (TMC) Joe Hawkins, ARDOT	Implementing Innovative Intersections using the ICE Process and Tools Mark Doctor, FHWA
8:30 AM - 9:00 AM	Looking for Simulation Training Solutions for Transit and Maintenance Vehicle Operators John McGinley, Mississippi State Univ.	Preservation for High-Traffic-Volume Roadways Stephen Cooper, FHWA	Bicycle and Pedestrian Mobility - It's More Than an Afterthought Ben Whatley, ARDOT	Single Point Urban Interchanges David Baker, ARDOT
9:00 AM - 9:30 AM	Stay in your Lane. Choosing equipment and vendors that fit you! Daryl Hay, Viking-Cives	Rejuvenating Mass Crack Treatments & Fog Seals Darryl Gardner, Ergon	TRC1703 - School Bus Stop Safety Bentley Reynolds, ARDOT	Traffic Incident Management Performance Measures Andy Brewer, ARDOT
9:30 AM - 10:00 AM	BREAK			
10:00 AM - 10:30 AM	Equipment Maintenance Supervisors Open Round Table Discussion with Vendors	Micro-surfacing: When, Where, Why, and Why Not Kevin Harris, Intermountain Slurry Seal	Let's Go for a Bike Ride.....Across the State! Kim Sanders, ARDOT	EDC-5 Safe Transportation for Every Pedestrian (STEP) Initiative Mark Doctor, FHWA
10:30 AM - 10:45 AM		The "Frankenstein" project - How many pavement preservation treatments can be placed on one job? Sarah Tamayo, ARDOT	TRC1904 - Evidenced-Based Decision Making Guidance for Bypass and Widening Projects: A review of sites and data Dr. Sarah Hernandez, U of A Fayetteville	Better Decision Making for Connected Autonomous Vehicles Bobby Cottam, Burns and McDonnell
10:45 AM - 11:00 AM				
11:00 AM - 11:15 AM		Thinlays Larry Patrick, Oklahoma Asphalt Paving Assoc.	Is a Bikeshare or E-Scooter System Right for Your Community? Dr. John Landosky, City of Little Rock	Arizona DOT Wrong-Way Driving (WWD) Detection and Warning System Brent Cain, Arizona DOT
11:15am - 11:30 AM				
11:30 AM - 12:00 PM				
12:00 PM - 1:30 PM	Lunch & Exhibitor Presentations (12:00 PM - 1:30 PM)			
	Maintenance Moderator - Mark Simecek Room 201-202	Work Zone Management Moderator - Kim Romano Room 207	Law & Ethics Moderator - Chris McKenney Room 208	Geotech Moderator - William Caster Room 209
1:30 PM - 2:00 PM	Maintenance Management and the Department Eric Baggett, ARDOT	Smarter Work Zones Duane Thomas, FHWA	Your Health & the Cost of Healthcare Jayme Mayo, Nabholz Construction	Thermal Integrity Profiling for Foundation Integrity Ryan Korth, Terracon
2:00 PM - 2:30 PM	311 The Thread that Binds the City Departments Danyl McNeil, City of Little Rock	Real-Time, Big Data, for Intelligent Transportation Systems Chris Lambert, Kentucky Transportation Cabinet		Using Infrared & GPR Profiling Systems for Uniformity Measurements on New Asphalt Pavments Stephen Cooper, FHWA
2:30 PM - 3:00 PM	Showing 32,000,000 Pot Holes "Who's Boss" Mike Parks & Tom Francione, EZ Street Asphalt	Work Zone Traffic Management: What Does the Future Hold? Gerald Ullman, Texas Transportation Institute	Environmental Justice 101 Karla Sims, ARDOT	Full Depth Reclamation with Cement George Tannoury, Terracon
3:00 PM - 3:30 PM	BREAK			
3:30 PM - 4:00 PM	To Core or Not to Core? Dr. Mert Su, ARDOT	Arkansas Work Zones - No Longer Business as Usual Kenneth Shirley, Jacobs Engineering	Transportation Public-Private Partnerships in Arkansas: The Road to P3s in the Natural State Larry Watkins & John Bryant, Mitchell Williams Law Firm	Non-Nuclear Density Testing - Lightweight Deflectometer Peter Becker, Indiana DOT
4:00 PM - 4:15 PM	Expect the Unexpected! Don't Barrel through Work Zones! Jayson Thompson, ARDOT	Accelerated Bridge Construction (ABC) - Lateral Slide Replacement of the I-30 Bridges Over De Roche Creek Scott Thornsberry & Fred Harper, Michael Baker International		Key Environmental Issues Associated with Transportation Projects Walter Wright, Mitchell Williams Law Firm
4:15 PM - 4:30 PM				
4:30 PM - 5:00 PM				TRC1603 - Deep Shear Velocity in Northeast Arkansas Ashraf Himel, U of A Fayetteville

2019 TRC Transportation Conference & Equipment Expo

Friday, August 16

Registration Open (7:00 AM - 10:00 AM)

BREAKOUT SESSIONS

	Environmental Moderator - Bentley Reynolds Room 201-202	Bridges & Structures Moderator - Ross Phillips Room 207	Innovative Technology Moderator - JD Borgeson Room 208	Transportation Data Moderator - Robin Russell Room 209
8:00 AM - 8:30 AM	How Being Green Saves Green (\$): The Illinois Tollway Savings Through Sustainability Bill Vavrik, Applied Research Associates, Inc.	TRC1902 - Measuring Plastic Shrinkage with Capillary Pressure Sensors Dr. Cameron Murray, U of A Fayetteville	Update on Automated Flagger Assistance Devices (AFADs) Peter Vieveen, North America Traffic Inc.	Need a Little Excitement? Snap into a Slimjim-T! Linda DeMasi, ARDOT
8:30 AM - 9:00 AM	Effects of Tree Canopy on Rural Highway Pavement Condition, Safety, & Maintenance Dr. Issam Khoury , Ohio University	The 30 Crossing Project: Navigating the Complexities of Major Projects Using Alternative Delivery Ben Browning, ARDOT	How DOTs Are Currently Utilizing Drones Basil Yap, North Carolina DOT	Data Governance for TPM Michael Henry, ARDOT
9:00 AM - 9:30 AM	Utilization of Acoustic Monitors for Presence/Absence Surveys of Bats Bentley Reynolds, ARDOT	Accelerated Bridge Construction in Texas Kevin Pruski, Texas DOT	Advancing Infrastructure with Open Roads Derrick Gray, Bentley Systems Inc.	Enhancing Transportation System Performance ARDOT's Data Needs Brad McCaleb, ARDOT
9:30 AM - 10:00 AM	BREAK			
10:00 AM - 10:30 AM	Vegetating Steep Cut Slopes Lindsey Zweifel, ARDOT	TRC1901 - Framework of Site-Specific Seismic Studies for Northeast Arkansas Dr. Ashraf Elsayed, Arkansas State Univ.	Design and Use Guide for Flexible Plastic Porous Pavers - Vegetated and Grass Filled Cody Rollins Invisible Structures / MKM Sales	What is e-Construction and Why Should You Care? Jamey Wilhite, ARDOT
10:30 AM - 11:00 AM	TRC1605 - Evaluating the Usage of Culverts & Bridges by Wildlife in Arkansas Susan Staffeld, ARDOT	Everything You Never Wanted to Know About Earthquakes, Liquefaction, and Ground Improvement Meredith Long, Hayward Baker	Arkansas Landslide Inventory, Analysis, and Relevancy Ty Johnson, Arkansas Geologic Survey	RI, PMS, AMS, ARNOLD, MMHIS and ATIS Elisha Wright-Kehner, ARDOT
11:00 AM - 11:30 AM	Clean Water Act, Section 404 Permitting, and Arkansas Highways Mickey Matthews, ARDOT	TRC1903 - Understanding the Causes of Bridge Deck Cracking Dr. Ernie Heymsfield, U of A Fayetteville	Aerial LiDAR for Mapping the I-49 Corridor David Hall, ARDOT & Cliff Mefford, Quantum Spatial, Inc.	Oversize/Overweight Permitted Loads Traveling Across Arkansas Samantha Nelson, Arkansas Highway Police
11:30 AM - 12:00 PM	Collaborative Implementation of Integrated Roadside Vegetation Management Practices: Maintenance Mows for Monarchs Kayti Ewing, ARDOT	TRC1606 - Prestressed Bridge Girder Camber and Losses: Predicted vs. Measured Values Dr. Micah Hale, U of A Fayetteville	Corrosion Mitigation of Reinforced Concrete Structures Jason Chodachek, Vector Corrosion Technologies Inc.	Q & A with Presenters