

**TRANSPORTATION RESEARCH COMMITTEE**  
**93<sup>rd</sup> MEETING AGENDA**  
**LITTLE ROCK**  
**NOVEMBER 8, 2011**

**SESSION I**

- 7:30-8:00      Registration
- Moderator:      Mr. Alan Meadors, Planning and Research Engineer
- 8:00-8:05      Opening Remarks: Mr. Mike Sebren, Transportation Research Committee Chairman
- 8:05-8:35      ***Overlays in the Fayetteville Shale Play Area – Status Report***  
Ms. Elisha Wright-Kehner, Research Section, AHTD
- 8:35-9:00      ***Updating the Smoothness Specification – TRC 0308***  
Ms. Tymli Frierson, Research Section, AHTD
- 9:00-9:10      Break
- 9:10-9:40      ***Internal Curing of Concrete Mixes – TRC 1206***  
Dr. Micah Hale, University of Arkansas at Fayetteville
- 9:40-10:10     ***Hot Mix Asphalt Longitudinal Joint Evaluation & Construction – TRC 0801***  
Dr. Stacy Williams, University of Arkansas at Fayetteville
- 10:10-10:40    ***Investigation of Warm Mix Asphalt Design – TRC 1004***  
Dr. Stacy Williams, University of Arkansas at Fayetteville
- 10:40-10:55    Break
- 10:55-11:25    ***Evaluation of Bond Strength Between Pavement Layers – TRC 0706***  
Dr. Kevin Hall, University of Arkansas at Fayetteville
- 11:25-11:55    ***LRFD Site Specific Variability in Laboratory and Field Measurements and Correlations – TRC 1204***  
Dr. Rick Coffman, University of Arkansas at Fayetteville
- 11:55-12:20    ***The Value of Research***  
Ms. Sarah Tamayo, Research Section, AHTD
- 12:20-12:30    ***Research Section Update***  
Ms. Elisha Wright-Kehner, Research Section, AHTD

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**SESSION II**

**Moderator:** Mr. Mike Sebren, Transportation Research Committee, Chairman

- 1:30-1:40 Call to Order, Reading of the Minutes, Old Business, New Business, Election of Officers
- 1:40-1:45 Presentation of Problem Statements
- 1:45-1:50 **The Use of Non-Nuclear Devices for Quality Assurance-P.S. 36**  
Mr. Mike Rowlett, Research Section, AHTD
- 1:50-1:55 **Developing Embankment and Subgrade Stabilization Regional Specifications-P.S. 39**  
Ms. Sarah Tamayo, Research Section, AHTD
- 1:55-2:00 **Using Chemical Admixtures to Increase the Effectiveness of Snow/Ice Removal-P.S. 28**  
Mr. Daniel Siskowski, Research Section, AHTD
- 2:00-2:05 **Low-Cost Experimental Treatments for Horizontal Curves-P.S. 33**  
Ms. Tymli Frierson, Research Section, AHTD
- 2:05-2:10 **Re-Evaluation of Asphalt Recycling Technologies-P.S. 26 & P.S. 10**  
Ms. Sarah Tamayo, Research Section, AHTD
- 2:10-2:15 **Work Zone Traffic Capacity Determination on Various Functional Classifications-P.S. 4 & P.S. 13**  
Mr. David Siskowski, Statewide Planning Section, AHTD
- 2:15-2:20 **Investigating the Use of GPS Data Collection for Maintenance-P.S. 40**  
Ms. Tymli Frierson, Research Section, AHTD
- 2:20-2:25 **One-Way Frontage Road Design-P.S. 34**  
Mr. Andrew Brewer, Traffic Safety Section, AHTD
- 2:25-2:30 **Calibrating Crash Modification Factors-P.S. 32**  
Mr. Andrew Brewer, Traffic Safety Section, AHTD
- 2:30-2:35 **Foamed Warm Mix Asphalt Design Issues-P.S. 5**  
Dr. Stacy Williams, University of Arkansas, Fayetteville
- 2:35-2:40 **Innovative Bicycle Lane Separation-P.S. 31**  
Ms. Tymli Frierson, Research Section, AHTD
- 2:40-2:45 **Comparison of Texturing Methods Used for Highway Construction and Maintenance-P.S. 30**  
Ms. Sarah Tamayo, Research Section, AHTD
- 2:45-2:50 **Highway Police Utilization of Tablet Personal Computers for Gathering Data-P.S. 29**  
Mr. Daniel Siskowski, Research Section, AHTD
- 2:50-3:00 Break
- 3:00-4:00 Committee Discussion and Final Vote (TRC Members Only)