

Active Mack-Blackwell Rural Transportation Center (MBTC) Projects

PROJECT NUMBER	TITLE
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MBTC-4001	Arkansas River Navigation System
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Active Transportation Research Committee (TRC) Projects

PROJECT NUMBER	TITLE
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TRC0503	Development of Virtual Weigh Station
TRC1203	Data Preparation for Implementing Darwin M-E
TRC1204	LRFD Site Specific Variability in Laboratory
TRC1306	Work Zone Capacity Estimation for High Truck Volume Routes in Arkansas Predicting Highway Capacity through Work Zones with High Truck Volumes and Reduced Lane Geometry Based Upon Local Conditions
TRC1307	Invest Use of GPS Data Collection for Maintenance Operations
TRC1401	Development of Field Exposures site ASR Damage
TRC1402	Economic Feasibility and Increased Sustainability of Short Span Arch Culverts
TRC1601	Determining the Feasibility of an AHTD Mobile LiDAR System
TRC1602	Examining the Required Cement Content
TRC1603	Deep Shear Velocity in North-Eastern Arkansas
TRC1604	Life Cycle Cost Analysis of Pavement Preservation Treatments in Arkansas
TRC1605	Evaluating the Usage of Culverts and Bridges by Wildlife in Arkansas
TRC1606	Estimating Bridge Girder Camber and Deflection
TRC1607	Developing Best Practices for On Site Production and Placement of Cement Stabilized Crushed Stone Base Course Material
TRC1701	Bridge Load Posting Based on Actual Arkansas Truck Traffic
TRC1702	Truck Activity Analysis Using GPS Data
TRC1703	School Bus Stop Safety
TRC1801	Evaluation of WIM Auto-Calibration Practices and Parameters
TRC1802	Performance-Based Asphalt Mixture Design (PBD) for Arkansas
TRC1803	Mapping Subsurface Conditions for Transportation Applications
TRC1804	Annual Average Daily Traffic (AADT) Estimation for Local Roads
TRC1805	Access Management Implementation
TRC1901	Spatial Analysis of Benefits of Site Specific Ground Motion Response
TRC1902	Capillary Pressure Sensor Testing to Identify Best Curing Regimen in Freshly Poured Bridge Decks
TRC1903	Investigation Concrete Deck Cracking in Continuous Steel Bridges
TRC1904	Evidence-Based Decision Making Guidance for Bypass & Widening Projects
TRC1905	Implementing CPT Procedures in ARDOT Geotechnical Designs