

Active Mack-Blackwell Rural Transportation Center (MBTC) Projects

**PROJECT
NUMBER**

TITLE

MBTC-4000 Alkali Silica Reaction Mitigation and Prevention Measures Phase I

MBTC-4001 Arkansas River Navigation System

Active Transportation Research Committee (TRC) Projects

**PROJECT
NUMBER**

TITLE

TRC-0503 Development of Virtual Weigh Station

TRC-1203 Data Preparation for Implementing Darwin M-E

TRC-1204 LRFD Site Specific Variability in Laboratory

TRC-1303 Comparison of Texturing Methods used for Highway Construction & Maintenance

TRC-1306 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

TRC-1307 Invest Use of GPS Data Collection for Maintenance Operations

TRC-1308 Develop Embankment & Subgrade Stabilization Regional Specifications

TRC-1401 Development of Field Exposures site ASR Damage

TRC-1402 Economic Feasibility and Increased Sustainability of Short Span Arch Culverts

TRC-1403 Develop BMP for Turbidity Control during Rainfall Events TRC-1404 IRP

TRC-1405 Examination of Full Depth Reclamation

TRC-1501 Performance of Asphalt Modified with PPA

TRC-1502 Evaluating Capacity of Deep Soil Foundations

TRC-1503 Safety Performance Functions for Arkansas

TRC-1601 Determining the Feasibility of an AHTD Mobile LiDAR System

TRC-1602 Examining the Required Cement Content

TRC-1603 Deep Shear Velocity in North-Eastern Arkansas

TRC-1604 Life Cycle Cost Analysis of Pavement Preservation Treatments in Arkansas

TRC-1605 Evaluating the Usage of Culverts and Bridges by Wildfire in Arkansas

TRC-1606 Estimating Bridge Girder Camber and Deflection

TRC-1607 Developing Best Practices for On Site Production and Placement of Cement Stabilized Crushed Stone Base Course Material

TRC-1608 Locating TransLoad Facilities to Ease Highway Congestion and Safeguard the Environment

TRC-1701 Bridge Load Posting Based on Actual Arkansas Truck Traffic

TRC-1702 Truck Activity Analysis Using GPS Data

TRC-1703 School Bus Stop Safety