



# Research Library Acquisition List September 2008

## **Aviation**

- ✧ Common Use Facilities and Equipment at Airports, ACRP Synthesis 8, 2008, Transportation Research Board, **14480**
- ✧ Interagency-Aviation Industry Collaboration on Planning for Pandemic Outbreaks, Conference Proceedings 41, 2008, Transportation Research Board, **14490**
- ✧ Survey of Laws and Regulations of Airport Commercial Ground Transportation, Legal Research Digest 3, ACRP/NCHRP/TRB, **14481**

## **Construction**

- ✧ Performance Evaluation of Buried Pipe Installation, March 2008, Project Summary, Louisiana Transportation Research Center, **A08-29**

## **Hydraulics/Environmental**

- ✧ Assessment of In-Situ Test Technology for Construction Control of Base Courses and Embankments, April 2008, Summary Report, Louisiana Transportation Research Center, **A08-42**

## **Maintenance**

- ✧ Optimal Maintenance Crew Composition and Enhancement of Crew Productivity, August 2008, South Carolina Department of Transportation, **A08-18**
- ✧ Louisiana Traffic Sign Inventory and Management System, March 2008, Summary Report, Louisiana Transportation Research Center, **A08-43**
- ✧ Transportation Security; Emergency Response and Recovery 2008, TRR 2041, 2008, Transportation Research Board, **14479**

## **Materials/Pavements**

- ⊠ Accelerated Testing for Studying Pavement Design and Performance (FY2003), 2008, Kansas Department of Transportation, **A08-12**
- ⊠ Analysis of Seasonal Strain Measurements and Asphalt Materials under Accelerated Load, March 2008, Project Summary, Louisiana Transportation Research Center, **A08-33**
- ⊠ Development of Laboratory Testing Facility for Evaluation of Base-soil Behavior Under Repeated Loading: Phase I: Feasibility Study, March 2008, Summary Report, Louisiana Transportation Research Center, **A08-40**
- ⊠ Effectiveness of Thin Hot Mix Asphalt Overlay on Pavement Ride and Condition Performance, May 2008, Ohio Department of Transportation, **A08-24**
- ⊠ Investigation of Two-Inch Surface Recycle Process in Kansas on US-59 South of Nortonville, 2008, Kansas Department of Transportation, **A08-09**
- ⊠ Pavement Forecasting Models, April 2008, Ohio Department of Transportation, **A08-21**
- ⊠ Performance Evaluation of Buried Pipe Installation, March 2008, Project Summary, Louisiana Transportation Research Center, **A08-29**
- ⊠ Refine AASHTO T 283 (Resistance of Compacted Bituminous Mixture to Moisture Induced Damage) for Superpave, January 2008, Ohio Department of Transportation, **A08-19**
- ⊠ Refining the Simple Performance Tester for Use in Routine Practice, NCHRP 614, 2008, Transportation Research Board, **14483**
- ⊠ Report on the Use of Particle Composite Theory to Model Concrete Asphalt Mixes, (Interim Report)2008, Kansas Department of Transportation, **A08-10**

## **Newsletters and Research Notes**

- ⊠ Research Notes – Solar Powered Markers Not Up To Challenge, June 2008, Oregon Department of Transportation, **A08-14**

- ⌘ Research Notes – Study Recommends Changes to Oregon’s Driver Improvement Program, May 2008, Oregon Department of Transportation, **A08-13**
- ⌘ Technology Today, Summer 2008, A circular highlighting projects from *Louisiana Transportation Research Center*; recently published, Louisiana Transportation Research Center, **A08-44**

### **Planning/Research/Program Development**

- ⌘ Cost-Effective Performance Measures for Travel Time Delay, Variation, and Reliability, NCHRP 618, 2008, Transportation Research Board, **14485**
- ⌘ Improved Models for User Cost Analysis, September 2007, Ohio Department of Transportation, **A08-23**
- ⌘ Instrumentation of the WAY-30 Test Pavements, June 2008, Ohio Department of Transportation, **A08-20**
- ⌘ LTRC (Louisiana Transportation Research Center) Project Management and Tracking System, June 2008, Project Summary, Louisiana Transportation Research Center, **A08-27**
- ⌘ Potential Impacts of Climate Change on US Transportation, Special Report 290, 2008, Transportation Research Board, **14478**

### **Structures**

- ⌘ Assessing the Need for Intermediate Diaphragms in Prestressed Concrete Bridges, March 2008, Summary Report, Louisiana Transportation Research Center, **A08-35**
- ⌘ Estimating the Setup of Piles Driven into Louisiana Clayey Soils, June 2008, Project Summary, Louisiana Transportation Research Center, **A08-30**
- ⌘ Evaluation of Continuity Detail for Precast Prestressed Girders, March 2008, Project Summary, Louisiana Transportation Research Center, **A08-26**
- ⌘ Fatigue and Shear Behavior of HPC Bulb Tee Girders, April 2008, Summary Report, Louisiana Transportation Research Center, **A08-41**

- ✧ Integral Abutment Bridge for Louisiana's Soft and Stiff Soils, February 2008, Project Summary, Louisiana Transportation Research Center, **A08-31**
- ✧ Modernize and Upgrade CANDE for Analysis and LRFD Design of Buried Structures, NCHRP 619, 2008, Transportation Research Board, **14482**
- ✧ Repairing/Strengthening of Bridges with Post-Tensioned FRP Strands and Performance Evaluation, June 2008, Project Summary, Louisiana Transportation Research Center, **A08-25**
- ✧ Self-Consolidating Concrete for Precast, Prestressed Concrete Bridge Elements, NCHRP 18-12, 2008, National Research Council, **14477**
- ✧ Structure Health Monitoring of I-10 Twin Span Bridge, February 2008, Project Summary, Louisiana Transportation Research Center, **A08-32**

### **Traffic Safety**

- ✧ Accident Modification Factors for Traffic Engineering and ITS Improvements, NCHRP 617, 2008, Transportation Research Board, **14484**
- ✧ A Guide for Reducing Crashes on Freeways, NCHRP 500 Volume 20, 2008, Transportation Research Board, **14487**
- ✧ Crash Base Rates for Freeways/reduction Strategies for Rear end Crashes Volume 1: Crash Base Rates for Freeways in Ohio, July 2007, Ohio Department of Transportation, **A08-22**
- ✧ Guidelines for Selection of Speed Reduction Treatments at High-Speed Intersections, NCHRP 618, 2008, Transportation Research Board, **14485**
- ✧ Safety Improvement from Edge Lines of Rural Two-Lane Highway, March 2008, Project Summary, Louisiana Transportation Research Center, **A08-34**
- ✧ Statewide Traffic Safety Study Phase I: Review of Current traffic Safety Research, Practice, Analytical Procedures, and Databases, March 2008, Summary Report, Louisiana Transportation Research Center, **A08-39**