



# Research Library Acquisition List January 2007

## Construction/Design

- ✧ A Guide for Achieving Flexibility in Highway Design, 2004, AASHTO, **13866**
- ✧ Better Management for Speed Control in Work Zones, Project Summary, December 2006, South Carolina Department of Transportation, **A07-06**
- ✧ Good Roads Cost Less: 2006 Study Update, 2006, Utah Department of Transportation, **A07-14**
- ✧ Time Domain Reflectometry for Monitoring Slope Movements, August 2006, Wyoming Department of Transportation, **A07-10**

## Hydraulics/Environmental

- ✧ Evaluation of Best Management Practices for Highway Runoff Control, NCHRP 565, 2006, NCHRP, **13873**
- ✧ Making the Case for an Environmental Management System, 2004, AASHTO, **13867**
- ✧ Monitoring Water Quality along Highways, December 2006, Oregon Department of Transportation, **A07-07**
- ✧ Preliminary Study of Scour in Bottomless Culverts, 2006, Alaska Department of Transportation and Public Facilities, **A07-15**
- ✧ Water Quality Facility Investigation, 2006, Oregon Department of Transportation, **13876**

## Maintenance

- ✧ A Guide for Accommodating Utilities Within Highway Right-of-Way, 2005, AASHTO, **13850**

- ✧ Evaluation of ODOT Roadway/Weather Sensor Systems for Snow and Ice Removal Operations – Part V: Vehicular Speed Associated With Winter Pavement Conditions, 2007, Ohio Department of Transportation, **A07-01**
- ✧ Making Transportation Tunnels Safe and Secure, NCHRP 525, 2006, NCHRP, **13882**
- ✧ Public Transportation Security: Volume 12, TCRP Report 86, 2006, TRB, **13874**
- ✧ Three-Dimensional Roughness Elements for Snow Retention, August 2006, Wyoming Department of Transportation, **A07-09**

### **Materials/Pavements**

- ✧ Part 1: Controls on Architecture of Argentine Limestone & Associated Strata in Northeastern KS & Part 2: A First-Cut Method for Evaluating Limestone Aggregate Durability Using Spectral Scintillometry, 2007, Kansas Department of Transportation, **A07-05**
- ✧ Geology and Properties of Earth Materials 2006, TRR 1967, TRB, **13870**
- ✧ Long-Term Pavement Performance (LTPP) Data Analysis Support: National Pooled Fund Study, FHWA, 2006, **13834**
- ✧ Pavement Management; Monitoring, Evaluation, and Data Storage; and Accelerated Testing 2006, TRR 1974, 2006, TRB, **13851**
- ✧ Pavement Marking Reflectivity Measurement, Specific Performance Monitoring, 01/09/07, WASHTO-X Video Conference, **13843**

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

- ✧ Artificial Intelligence and Advanced Computing Applications, TRR 1968, 2006, TRB, **13852**
- ✧ Bus Transit Service in Land Development Planning, TCRP Synthesis 67, 2006, **13839**
- ✧ Developing a Stabilized Public Transportation Revenue Source, 2007, Arizona Department of Transportation, **13877**

- ✧ Feasibility of a Next-Generation, Intermodal Rail-Truck Transport System for the Western I-80 Corridor, November 2006, Wyoming Department of Transportation, **A07-11**
- ✧ Fixed-Route Transit Ridership Forecasting and Service Planning Methods, TCRP Synthesis 66, 2006, TRB, **13838**
- ✧ Integrating Geospatial Technologies into the Right-of-Way Data Management Process, Research Results Digest #310, 2006, **13840**
- ✧ Keystone Corridor Clearance Evaluation and Potential Truck Diversion Study, 2006, Pennsylvania Department of Transportation, **13865**
- ✧ Management and Public Policy 2006, TRR 1956, 2006, TRR, **13832**
- ✧ Network Modeling 2006, TRR 1964, 2006, TRB, **13868**
- ✧ SmartCard Interoperability Issues for the Transit Industry, TCRP Report 115, 2006, TRB, **13871**
- ✧ Training Programs, Processes, Policies, and Practices, NCHRP Synthesis 362, 2006, NCHRP, **13872**
- ✧ Traveler Opinion and Perception Survey, 2007, Oregon Department of Transportation, **13875**

## **Structures**

- ✧ Developing Cost Effective Plans for Low Volume Bridges, 2007, Kansas Department of Transportation, **A07-04**
- ✧ Evaluation of the Inverted Tee Shallow Bridge System for Use in Kansas, 2007, Kansas Department of Transportation, **A07-02**
- ✧ Load Testing for Assessment and Rating of Highway Bridges-Phase III: Technology Transfer to the SCDOT, January 2006, South Carolina Department of Transportation, **A07-08**
- ✧ Prediction of Movement and Stresses in Curved and Skewed Bridges, 2006, Pennsylvania Department of Transportation, **13864**
- ✧ Time-Dependent Effects and Validation from Monitoring of Post-Tensioned Spliced Girders and Deck Joints, 2006, Utah Department of Transportation, **A07-12**

- ⌘ Time-Dependent Effects from Monitoring of State Street Bridge FRP Composite Retrofit, 2006, Utah Department of Transportation, **A07-13**

### **Traffic/Safety**

- ⌘ Development of Design Specifications, Details and Design Criteria for Traffic Light Poles, 2007, Kansas Department of Transportation, **A07-03**
- ⌘ Highway Safety-Law Enforcement; Alcohol; Driver Training; Safety Planning and Management; Commercial Vehicles; and Motorcycles, TRR 1969, 2006, TRB, **13845**
- ⌘ Traffic Control Devices, Visibility, and Rail-Highway Grade Crossings 2006, TRR 1973, TRB, **13869**
- ⌘ Traffic Flow Theory 2006, TRR 1965, 2006, TRB, **13833**

### **Newsletters**

- ⌘ Eye on Research, Winter 2007, TxDOT's Research and Technology, **N07-02**
- ⌘ Transporter, Nov.-Dec. 2006, New Jersey Department of Transportation, **N07-01**

### **Reference Books**

- ⌘ Fundamentals of Traffic Engineering-Fifteenth Edition, 2001, Institute of Transportation Studies, **13837**
- ⌘ Manual of Transportation Engineering Studies, 2006, ITE, **13835**
- ⌘ The Extreme Searcher's Internet Handbook, 2004, Cyber Age Books, **13844**
- ⌘ The Traffic Safety Toolbox; A Primer on Safety Traffic, 1999, ITE, **13836**