



Research Library Acquisition List October 2007

Hydraulics/Environmental

- ✧ Arborists' Certification Study Guide, 2001, International Society of Arboriculture, **14223**
- ✧ Countermeasures to Protect Bridge Abutments from Scour, NCHRP 587, 2007, TRB, **14225**
- ✧ Effects of Subsurface Drainage on Pavement Performance, NCHRP 583, 2007, TRB, **14224**
- ✧ Propagation of Freshwater Mussels for Release into North Carolina Waters, 2005, North Carolina Department of Transportation, **14234**

Materials/Pavements

- ✧ Characterization and Development of Truck Load Spectra and Growth Factors for Current and Future Pavement Design Practices in Louisiana, 2007, (Research Project Capsule-explains research currently going on; finished report due end of 2008), LTRC, **A07-72**
- ✧ Geology of Las Vegas, United States of America, 1993, Bulletin of the Association of Engineering Geologists, Vol. XXX No. 1, **14228**
- ✧ Optimizing Gradations for Surface Treatments, 2005, North Carolina Department of Transportation, **14231**

Planning/Research/Program Development

- ✧ Best Practices to Enhance the Transportation Land-Use Connection in the Rural United States, 2007, NCHRP, **14222**
- ✧ Racial and Gender Diversity in State DOT's and Transit Agencies: A Benchmark Scoping, TCRP Report 120/NCHRP Report 585, 2007, TRB, **14219/14221**

- ✧ Recommended Revisions to the AASHTO Guidelines for Traffic Data Programs, NCHRP Project No. 07-16, 2007, NCHRP, **14227**
- ✧ Safety Management Systems for Airports, ACRP Vol.1-Overview, 2007, TRB, **14218**

Structures

- ✧ Guidelines for Concrete Mixtures Containing Supplementary Cementitious Materials to Enhance Durability of Bridge Decks, NCHRP 566, 2007, TRB, **14220**
- ✧ Identification of Failure Prediction Criteria using Acoustic Emission Monitoring and Analysis of GFRP Bridge Deck Panels, 2007, AASHTO, **14233**
- ✧ Implementation of Self-Consolidating Concrete for Prestressed Concrete Girders, 2005, North Carolina Department of Transportation, **14232**
- ✧ Multi-Objective Optimization for Bridge Management Systems, NCHRP 590, 2007, TRB, **14226**

Traffic Safety

- ✧ Designing and Efficient Nighttime Sign Inspection Procedure to Ensure Motorist Safety, 2006, North Carolina Department of Transportation, **14229**
- ✧ Guidelines for NCDOT Project-Level Traffic Forecasting Procedures, 2002, North Carolina Department of Transportation, **14230**

Newsletters

- ✧ Eye on Research, Fall 2007, Texas Department of Transportation, **NO7-34**
- ✧ Matters, Fall 2007, Montana Local Technical Assistance Program, **NO7-33**
- ✧ Research News, Summer 2007, Iowa Department of Transportation, **NO7-35**
- ✧ Western Transportation Institute, October 2007, Montana State University, **No7-32**