



Research Library Acquisition List June 2007

Construction/Design

- ✧ Design of Construction Work Zones on High-Speed Highways, NCHRP 581, 2007, TRB, **14111**
http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_w105.pdf

Hydraulics/Environmental

- ✧ Multi-Sensor Precipitation Estimates in Support of NCDOT's Stormwater Quality Monitoring, 2006, North Carolina Department of Transportation, **14133** – CD ROM
- ✧ Use of Simulated Highway Underpass Crossing Structures by Flat-Tailed Horned Lizards, 2007, Arizona Department of Transportation, **14124**

Maintenance

- ✧ Guidelines for the Selection of Snow and Ice Control Materials to Mitigate Environmental Impacts, NCHRP 577, 2007, TRB, **14112**
http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_577.pdf
- ✧ Shoulder Rehabilitation Using Portland Cement and Recycled Asphalt Pavement, April 2007, Maine Department of Transportation, **A07-41**

Materials/Pavements

- ✧ A Comparative Evaluation of CoreLok Device in Determining Reliable Bulk Specific Gravity and Maximum Specific Gravity Test Results, 2007, Ohio Department of Transportation, **A07-47**

- ✧ Evaluation of High Absorptive Materials to Improve Internal Curing of Low Permeability Concrete, 2007, Ohio Department of Transportation, **A07-49**
- ✧ Implementation Plan for the New Mechanistic-Empirical Pavement Design Guide, 2007, North Carolina Department of Transportation, **14134** – CD ROM
- ✧ Test Methods for Characterizing Aggregate Shape, Texture, and Angularity, NCHRP Report 555, 2007, TRB, **14128**
(report not online yet, hard-copy is available)
- ✧ The Effects of DSS Corrosion Inhibitor on Physical Characteristics of Concrete, 2007, Kansas Department of Transportation, **A07-42**
- ✧ Therograph for Hot Mix Asphalt Paving- 6/13/2007, 2007, WASHTO-X DVD, **14114**
- ✧ Use of Dynamic Cone Penetrometer in Subgrade and Base Acceptance, 2007, Ohio Department of Transportation, **A07-46**

Planning/Research/Program Development

- ✧ Adjustment of Driver Behavior to an Urban Multi-Lane Roundabout, 2007, Oregon Department of Transportation, **14131**
- ✧ Elements Needed to Create High Ridership Transit Systems, TCRP Report 111, 2006, TRB, **14130**
http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_rpt_111.pdf
- ✧ Mobile Data Terminals, TCRP Synthesis 70, 2007, **14127**
http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_syn_70.pdf
- ✧ Tribal Transportation Programs, NCHRP Synthesis 366, 2007, Highway Research Board, **14110**
http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_366.pdf
- ✧ Transportation Planner's Safety Desk Reference, 2007, TRB, FHWA-HEP-07-005, **14113**
- ✧ UDOT Research Division Annual Work Program: Fiscal Year 2007, 2007, Utah Department of Transportation, **A07-55**
- ✧ Upper Midwest Freight Corridor Study Phase II, 2007, Ohio Department of Transportation, **A07-50**

- ✧ Validation of ODOT Sufficiency Rating System, 2007, Ohio Department of Transportation, **A07-48**

Structures

- ✧ Effectiveness of RWIS Bridge Temperature Simulators, 2007, Ohio Department of Transportation, **A07-51**
- ✧ Evaluating Fiber Reinforced Polymer Repair Method for Cracked Prestressed Concrete Bridge Members Subjected to Repeated Loadings (Phase II), 2007, Kansas Department of Transportation, **A07-43**
- ✧ Evaluation of Design and Construction of HPC Deck Girder Bridge in Stanley County, North Carolina, 2007, North Carolina Department of Transportation, **14132**
- ✧ Evaluation of Silica Fume Bridge Deck Concrete Overlays, 2007, Kansas Department of Transportation, **A07-45**
- ✧ Time Dependent Effects and Validation from Monitoring of Post-Tensioned Spliced Girders and Deck Joints, 2006, Utah Department of Transportation, **A07-54**
- ✧ Time Dependent Effects from Monitoring of State Street Bridge FRP Composite Retrofit, 2006, Utah Department of Transportation, **A07-53**

Traffic Safety

- ✧ Analysis of Safety Concerns for Automated Small Vehicle Transportation on a University Campus, 2007, Kansas Department of Transportation, **A07-44**
- ✧ Crash Reduction Factors for Education and Enforcement, 2007, Ohio Department of Transportation, **A07-52**
- ✧ Effectiveness of Commercial Motor Vehicle Driver Training Curricula and Delivery Methods, CTBSSP Synthesis 13, TRB, 2007, **14129**
http://onlinepubs.trb.org/onlinepubs/ctbssp/ctbssp_syn_13.pdf

Newsletters

- ✧ Solutions, Spring 2007, Montana Department of Transportation, **N07-23**

- ⌘ The V & T Gazette, Jan.-Mar. 2007, Northern Nevada Railway Foundation Inc., **N07-19**
- ⌘ Transactions, May/June 2007, Metropolitan Transportation Commission-San Francisco Bay Area, **N07-22**
- ⌘ Transporter, April and May 2007 issues, New Jersey Department of Transportation, **N07-20** & **N07-21**

Reference Books

- ⌘ SQL – In Ten Minutes – Quick Steps for Fast Results, 2000, Macmillan Computer Publishing, **14109**

On-line Newsletters and Journals – click to view online

- ⌘ **AASHTO News** - <http://news.transportation.org/journal.aspx>
- ⌘ **TRB Newsletters** - http://trb.org/news/browse_newsletters.asp
- ⌘ **TRR Journal Online** - http://www.trb.org/news/blurb_detail.asp?id=7420