

Recent Acquisitions of the Research Library



Acquisition List for December 2004

Construction/Design

- ✧ Dynamic Impact Testing of Guardrail Posts Embedded in Soil, 1999, Midwest Research Institute, **11910**

Hydraulics/Environment

- ✧ Fish Passage Through Retrofitted Culverts, 2004, Oregon Department of Transportation, **11929**
- ✧ Identification of Research Needs Related to Highway Runoff, NCHRP 521, 2004, Transportation Research Board, **11915**

Maintenance

- ✧ Smart Salting-A Winter Maintenance Strategy, 1995, Vermont Agency of Transportation, **11909**
- ✧ Snow and Ice Control: Guidelines for Materials & Methods, 2004, NCHRP 526, Transportation Research Board, **11889**

Materials/ Pavements

- ✧ Automated Pavement Distress Collection Techniques, NCHRP Synthesis 334, 2004, Highway Research Board, **11891**
- ✧ Mechanistic-Empirical Design of New and Rehabilitated Pavement Structures, CD Rom, 2004, NCHRP Report No. 1-37A, **11947**
- ✧ Evaluation of the Gyrotory Compacted Asphalt Specimens for Tensile Strength Ratio (TSR) Determination, 2004, South Carolina Department of Transportation, **A04-236**
- ✧ Evaluation of the Variation in Pavement Performance between ODOT Districts, September 2004, Ohio Department of Transportation, **A04-234**

- ✧ Flexural Strength and Fatigue of Steel Fiber Reinforced Concrete, 05-5C/Research Capsule-start date 9/04, end date 8/05, Louisiana Transportation Research Center, A04-235
- ✧ Pavement Management Applications Using Geographic Information Systems, NCHRP Synthesis 335, Highway Research Board, 11949
- ✧ Performance-Related Test for Asphalt Emulsions, 2004, Louisiana Transportation Research Center, 11927

Planning/ Research/ Program Development

- ✧ e-Transit: Electronic Business Strategies for Public Transportation, TCRP Report 84, Transportation Research Board, 11892
- ✧ GIS Mapping of Environmental Justice Census Characteristics, 2004, Oregon Department of Transportation, 11907
- ✧ High-Accuracy Direct Aerial Platform Orientation with Tightly Coupled GPS/INS System, 2004, Ohio Department of Transportation, A04-230
- ✧ High Accuracy Dynamic Highway Mapping Using a GPS/INS/CCD System with On-The-Fly GPS Ambiguity Resolution, 2004, Ohio Department of Transportation, A04-231
- ✧ LTRC Annual Research Program, 2004, Louisiana Transportation Research Center, 11926
- ✧ Reestablishment of Research Library Operations at the New Jersey Department of Transportation, 1999, New Jersey Department of Transportation, 11906

Structures

- ✧ Continuity Diaphragm for Skewed Continuous Span Precast Prestressed Concrete, 2004, Louisiana Transportation, 11928
- ✧ Enhancement of WYDOT's Brass-Pier for the New AASHTO LRFD Bridge Design Specification, September 2004, Wyoming Department of Transportation, A04-229
- ✧ Guidelines for Inspection and Strength Evaluation of Suspension Bridge Parallel-Wire Cables, NCHRP 534, 2004, Transportation Research Board, 11912
- ✧ MSE Wall and Reinforcement Testing at MUS-16-7.16 Bridge Site, 2004, Ohio Department of Transportation, A04-233
- ✧ Permeability of Portland Cement Concrete (PCC) Structures in South Carolina-Volume I & II, 2004, South Carolina Department of Transportation, A04-232

Traffic/ Safety

- ✧ Actual Speeds on the Roads Compared to the Posted Limits, 2004, Arizona Department of Transportation, **11951**
- ✧ Commercial Truck and Bus Safety Synthesis 4, 2004, Transportation Research Board, **11890**
- ✧ Highway Safety-Data and Information Technology, TRR 1870, 2004, Transportation Research Board, **11919**
- ✧ Highway Safety-Freeway Operations and Traffic Signal Systems 2004, TRR 1866, Transportation Research Board, **11893**
- ✧ Highway Safety-Freight Transportation, TRR 1873, 2004, Transportation Research Board, **11918**
- ✧ Highway Safety-Marine Transportation, TRR 1866, 2004, Transportation Research Board, **11895**
- ✧ Highway Safety-Soils, Geology & Foundations, TRR 1868, 2004, Transportation Research Board, **11894**
- ✧ Highway Safety-Transit Intermodal Transfer Facilities, TRR 1872, 2004, Transportation Research Board, **11896**
- ✧ Remedies for Driver Error, 2004, Arizona Department of Transportation, **11908**
- ✧ Responding to Threats, NCHRP 525, 2004, Transportation Research Board, **11917**
- ✧ Road Safety Audits, NCHRP Synthesis 336, 2004, Highway Research Board, **11950**
- ✧ Work Zone Safety and Pavement Markings and Materials, TRR 1529, 1996, Transportation Research Board, **11913**

Useful Links

- ✧ http://www.dft.gov.uk/stellent/groups/dft_control/documents/homepage/dft_home_page.hcsp Department for Transport, U.K.
- ✧ <http://www.bl.uk/collections/treasures/digitisation1.html> British Library, scanned online, ancient historical treasures.
- ✧ <http://www.trafficlinq.com/books.htm> Publications for various transportation subjects.
- ✧ <http://www.structurae.net/index.cfm> Bridges, architecture and more...
- ✧ <http://www.100toptransportation.com/> 100 Transportation websites.