

# Recent Acquisitions of the Research Library



## Acquisition List for January 2005

### Hydraulics/Environment

- ✧ Archived River Meander Bend Database CRP-CD-49, 2004, NCHRP, Transportation Research Board, **11980**
- ✧ Effects of Highway Deicing Chemicals on Shallow Unconsolidated Aquifers in Ohio-Final Report, 2004, Ohio Department of Transportation, **A05-01**
- ✧ Energy and Environmental, TRR 1880 Highway Safety, 2004, TRB, Transportation Research Board, **12059**
- ✧ Estimating Design-Flood Discharges for Streams in Iowa Using Drainage-Basin and Channel Geometry Characteristics, 1993, Iowa Department of Transportation, **12000**
- ✧ Guideline and Recommended Standard for Geofoam Applications in Highway Embankments, NCHRP 529, 2004, Transportation Research Board, **11976**
- ✧ Handbook for Predicting Stream Meander Migration, NCHRP 533, 2004, Transportation Research Board, **11981 (extra copies available)**
- ✧ Prefabricated Wall Drain System for Structures, 2000, Pennsylvania State University, Pennsylvania Department of Transportation, **12064**
- ✧ Urban Drainage Design, NHI Course No. 13027, 1993, FHWA, National Highway Institute, **12077**
- ✧ WSPRO-Bridge Backwater and Water-Surface Profile Analysis, NHI Course No. 13035, 1995, FHWA, National Highway Institute, **12078**

### Maintenance

- ✧ Maintenance Management, TRR 1877 Highway Safety, 2004, TRB, Transportation Research Board, **12057**

❏ Optimal Timing of Pavement Preventative Maintenance Treatment Applications, NCHRP 523, 2004, Transportation Research Board, **11975**

**Materials/ Pavements**

❏ Asphalt Pavement Repair Manuals of Practice/two-part manual, 1993, SHRP National Research Council, **12028**

❏ A Study of Factors Affecting the Permeability of Superpave Mixes in Kansas, 2004, Kansas Department of Transportation, **A05-10**

❏ Comparison and Definition of State DOT's Practices in Selection of Materials for Pavements, 2004, Ohio Department of Transportation, **A05-02**

❏ Distress Identification Manual for the Long-Term Pavement Performance Project, 1993, SHRP, National Research Council, **12030**

❏ Early Analyses of LTPP General Pavement Studies Data, 1994, SHRP, National Research Council, **12031**

❏ Eliminating or Minimizing Alkali-Silica Reactivity, 1993, SHRP, National Research Council, **12033**

❏ Five Year Report-Materials; Data Analysis, Pavement Design, Portland Cement Concrete Pavement, 1994, SHRP, National Research Council, **12032**

❏ Evaluation of Test Methods for Stiffness Properties of Hot Mix Asphalt (HMA), 2004, Kansas Department of Transportation, **A05-11**

❏ Handbook for the Identification of Alkali-Silica Reactivity in Highway Structures, 1991, SHRP National Research Council, **12029**

❏ LTPP Pavement Maintenance Materials: PCC Partial-Depth Spall Repair Experiment, 1999, FHWA, ERES Consultants, **12037**

❏ LTPP Pavement Maintenance Materials: SHRP Joint Reseal Experiment, 1999, FHWA, ERES Consultants, **12038**

❏ LTPP Pavement Maintenance Materials: SPS-4 Supplemental Joint Seal Experiment, Final Report 1999, FHWA, ERES Consultants, **12036**

❏ NTPEP Model Deployment Handbook, 2004, AASHTO, NTPEP, **12065**

❏ Pavement Rehabilitation, Strength and Deformation Characteristics, and Surface Properties, TRR 1869, 2004, Transportation Research Board, **11978**

- ✧ Pavement Treatment Effectiveness-Site Evaluations/National Report, 1997, FHWA, Nichols Consulting, **12035**
- ✧ Structural Support of Lime or Cement Stabilized Subgrade Used with Flexible Pavements, 2004, Ohio Department of Transportation, **A05-03**
- ✧ Testing & Evaluation of Concrete Repair Materials for the Cheyenne Airport Taxiways, 2004, Wyoming Department of Transportation, **A05-04**
- ✧ Use of Cement Kiln Dust for Subgrade Stabilization, 2004, Kansas Department of Transportation, **A05-09**

**Planning/ Research/ Program Development**

- ✧ 84<sup>th</sup> Annual Meeting Compendium of Papers, CD ROM, January 9-13 2005, TRB, Transportation Research Board, **12063**
- ✧ Cooperative Agreements for Corridor Management, NCHRP Synthesis 337, 2004, NCHRP, Highway Research Board, **12056**
- ✧ Effects of Hauling Timber, Lignite Coal, and Coke Fuel on Louisiana Highways and Bridges, end date: 3/31/05 (project review), Louisiana Transportation Research Center, **A05-05**
- ✧ Geographic Information Systems Applications in Transit, TCRP Synthesis 55, 2004, TCRP Federal Transit Administration, **12026**
- ✧ Guide for Park-and-Ride Facilities HOV, 2004, AASHTO, **11983**
- ✧ ITE Compendium of Papers-Institute of Transportation Engineers 2000 District 6 Annual Meeting, 2000, Institute of Transportation Engineers, CD ROM, **12017**
- ✧ ITE 69<sup>th</sup> Annual Meeting-Las Vegas 1999, 1999, CD ROM, Institute of Transportation Engineers, **12016**
- ✧ Strategies to Increase Coordination of Transportation Services for the Transportation Disadvantaged, TCRP Report 105, 2004, **11982**
- ✧ Transit, TRR 1884 Highway Safety, 2004, TRB, Transportation Research Board, **12060**

**Structures**

- ✧ Assessment Methodology for Diagonally Cracked Reinforced Concrete Deck Girders Research Project SPR 350 SR 500-091, 2004, Oregon Department of Transportation, CD ROM, **12018**
- ✧ Bonded Repair and Retrofit of Concrete Structures Using FRP Composites, NCHRP 514, 2004, NCHRP, Transportation Research Board, **12055**

- ✧ Guidelines for Inspection and Strength Evaluation of Suspension Bridge Parallel-Wire Cables, NCHRP 534, 2004, Transportation Research Board, **11977**

#### **Traffic/ Safety**

- ✧ Collection of Empirical Data for Assessing 800MHz Coverage Models, 2004, Kansas Department of Transportation, **A05-08**
- ✧ Durability of Truncated Dome Warnings on Existing Curb Ramps, 2004, Institute of Transportation Engineers, Oregon Department of transportation, **12067**
- ✧ Guide for High-Occupancy Vehicle Facilities-HOV, 2004, AASHTO, **11952**
- ✧ Inlaid Durable Pavement Markings: Year One, 2004, Oregon Department of Transportation, **A05-07**
- ✧ Pedestrians and Bicycles, TRR 1878 Highway Safety, 2004, TRB, Transportation Research Board, **12058**
- ✧ Statewide Traffic Safety Study: Phase 1, end date: 12/31/04 (project review), Louisiana Transportation Research Center, **A05-06**
- ✧ Transportation Management and Public Policy 2004, TRR 1885 Highway Safety, TRB, Transportation Research Board, **12061**

#### **Reference Books**

- ✧ Biennial Report 2004 ITS UC Davis, 2004, University of California at Davis, **11974**
- ✧ Nevada League of Cities and Municipalities 2004-2005, Nevada League of Cities, **12019**
- ✧ Selected Studies in Transportation Law: Volume 5 Transportation Law, 2004, TRB, Transportation Research Board, **12062**
- ✧ Transportation Quarterly/Vol.57 No. 4 Fall 2003, 2003, ENO Transportation Foundation, **11979**