

# Recent Acquisitions of the Research Library



## April 2004 Acquisition List

### Construction/Design

- ✧ Longitudinal Joint Construction for Hot Mix Asphalt Pavements, 2004, K-TRAN: KSU-98-4, Kansas Department of Transportation, **A04-165**
- ✧ The Evaluation of Warranty Provisions on ODOT Construction Projects, FHWA/OH-2003/019, Ohio Department of Transportation, 2003, **A04-155**
- ✧ (Construction of)Vail Pass Colorado/I-70 In a Mountain Environment, (publication date not printed), US DOT/FHWA, **10934**

### Hydraulics/Environment

- ✧ Approximate Method for Computing Backwater Profiles in Corrugated Metal Pipes Final Report, April 1976, US DOT/FHWA, **11001**
- ✧ Archeological Survey Methodology and Results, Executive Summary, Dec. 2003, FHWA/OH-2003/020, Ohio Department of Transportation, **A04-158**
- ✧ Assessment of the Impact of the National Flood Insurance Programs on Highways, April 1980, US DOT/FHWA, **10948**
- ✧ Assessment of National Small Rural Watersheds Program-Technical Report, June 1977, US DOT/FHWA, **11004**
- ✧ Comparative Costs of Erosion and Sediment Control Construction Activities, July 1973, U. S. Environmental Protection Agency, **10959**
- ✧ Design of Urban Highway Drainage-The State of the Art, Aug. 1979, US DOT/FHWA, **11000**
- ✧ Determination of Flood Hydrographs for Streams in South Carolina, 1990, USGS/US DOI, **10993**

- ❏ Drop Spillways Engineering Handbook, Feb. 1979, U.S. Department of Agriculture/Soil Conservation Service, **11016**
- ❏ Effectiveness of Legume Seeding for Erosion Control, Nov. 1991, CA DOT, **10955**
- ❏ Environmental Initiatives Examples, July 1999, Folk Memorial Laboratory, New York State Department of Transportation, **10952**
- ❏ Erosion Control Technology/Bringing It Home-Proceedings of Conference XXVII, 1996, International Erosion Control Association, **10964**
- ❏ Erosion Control/Your Gambling Without It, Proceedings of Conference XVIII, 1987, International Erosion Control Association, **10972**
- ❏ Evaluation of Bridge Scour Data at Selected Sites in Ohio, Oct. 1996, USGS/ODOT, **11081**
- ❏ Evaluation of Flood Risk Factors in the Design of Highway Stream Crossings, April 1975, FHWA, **11022**
- ❏ Flood Characteristics of Urban Watersheds in the United States, 1983, USGS/US DOI, **10994**
- ❏ Flood Hazard Study/Las Vegas Wash and Tributaries, Feb. 1979, USDA, Soil Conservation Service, **10960**
- ❏ Floods of February 1962 in Southern Idaho and Northeastern Nevada, 1962, USGS/US DOI, **11025**
- ❏ Ground Water Pollution from Subsurface Excavations, 1973, The Environmental Protection Agency, **10971**
- ❏ Highway Subdrainage Design, 1980, FHWA, **11041**
- ❏ Journal of Floodplain Management, Floodplain Management Association, Volume I January 2000, **10973**; Volume II April 2001, **10974**; Volume III July 2002, **10975**
- ❏ Methods for Identifying and Evaluating the Nature and Extent of Nonpoint Sources of Pollutants, Oct. 1973, U. S. Environmental Protection Agency, **10963**
- ❏ Murphy Creek Flood and Scour Study, Job No. A94B, 2004, Wyoming Department of Transportation, **A04-159**
- ❏ Nevada State Water Plan Summary, 1999, Nevada Department of Conservation and Natural Resources, **11015**

- ❏ Nevada Streamflow Characteristics-Water Resources Information Series Report 28, Oct. 1978, Nevada Department of Conservation and Natural Resources, **11026**
- ❏ Plant Materials Center-Annual Technical Report, 1980, U. S. Department of Agriculture/ Soil Conservation Service, **10957**
- ❏ Practical Highway Hydrology-A Training Course Based on Hydraulic Design Series No. 4 Participants Handbook, April 1997, US DOT, **10938**
- ❏ Problems in Applied Hydrology, 1976, Colorado State University, Hydrology and Water/ FHWA, **10997**
- ❏ Proceedings of the Bridge Scour Symposium Oct. 17-19, 1989, US DOT/FHWA/USG, **10999**
- ❏ Processes, Procedures, and Methods to Control Pollution Resulting from all Construction Activity, Oct. 1973, U. S. Environmental Protection Agency, **10961**
- ❏ Regulations for Water Well and Related Drilling-Nevada Revised Statutes Related to Underground Water and Wells, 1998, Nevada Department of Conservation and Natural Resources, **10976**
- ❏ Remote Methods of Underwater Inspection of Bridge Structures, July 1999, US DOT/FHWA, **10998**
- ❏ Retention, Detention, and Overland Flow for Pollutant Removal from Highway Storm Water Runoff: Interim Guidelines for Management Measures, March 1988, US DOT/FHWA, **10943**
- ❏ Road and Bridge Deck Drainage Systems RR 228, Nov. 1982, Ontario Ministry of Transportation and Communication Restoration and Development Division, **11020**
- ❏ Runoff Estimates for Small Rural Watersheds and Development of a Sound Design Method Final Report, Oct. 1977, US DOT/FHWA, **11003**; Technical Report, **11005**
- ❏ Spring Cycle Performance-Summary of Stormwater Compliance Review, Report Fiscal Year 1997-98, CA DOT, **10953**
- ❏ Steamboat & Pleasant Valleys Flood Plain Information/Steamboat Creek and Tributaries, June 1972, Regional Planning Commission of Reno, **10958**
- ❏ Stream Stability at Highway Structures-Hydraulic Engineering Circular No. 20, US DOT/FHWA, **10942**
- ❏ Stream Stability at Highway Structures/Second Edition, Nov. 1995, US DOT, **11024**

- ✧ The Control of Pollution from Hydrographic Modifications, 1973, U. S. Environmental Protection Agency, **10962**
- ✧ Value Engineering-Study of Curbs and Drainage, Aug. 1990, US DOT/FHWA, **10945**
- ✧ Value Engineering-Study of Drainage Maintenance, Nov. 1982, US DOT/FHWA, **10947**
- ✧ Water For Nevada, State Engineers Office, Jan. 1971, **10970 & 10969 & 10968**; Sept. 1974, **10965**; Oct. 1971, **10967**; and Dec. 1973, **10966**; Jan. 1974, **10989**
- ✧ Water Resources Data for Nevada Part 1.Surface Water Records/Part 2.Water Quality Records, U. S. Department of the Interior, 1969, **11028**; 1970, **11029**; 1971, **11030**; 1972, **11031**; 1973, **11032**; 1974, **11033**; 1975, **11034**; 1976, **11035**; 1977, **11036**; 1978, **11037**; 1979, **11038**; 1980, **11039**; 1971, **11040**

#### Maintenance

- ✧ Culvert Restoration Techniques, March 1993, California Department of Transportation, **10954**
- ✧ Guide for Customer Driven Benchmarking of Maintenance Activities, 2004, NCHRP, TRB, **11048**
- ✧ Results of Highway Maintenance Survey, Report No. FHWA-SC-04-01, US DOT, FHWA, South Carolina DOT, 2004, **A04-154**
- ✧ Road Surface Drainage Design, Construction and Maintenance Guide for Pavements, June 1981, New Jersey Department of Transportation, **11014**

#### Materials/ Pavements

- ✧ Air Content of Concrete Pavements Produced in Conventional Versus 30-Second Mixers, 2004, FHWA-KS-03-1, Kansas Department of Transportation, **A04-168**
- ✧ Development of a Joint Density Specification Phase I: Literature Review and Test Plan, Feb. 2004, NV DOT, **10956**
- ✧ Evaluation of Capping Systems for High Strength Concrete Cylinders, Research Project 04-1C, April 2004, Louisiana Transportation Research Center, **A04-163**
- ✧ Evaluation of Consolidation Characteristics of Cohesive Soils from Piezocone Penetration Tests, Jan. 2004, Louisiana Transportation Research Center, **11068**
- ✧ Evaluation of Interaction Properties of Geosynthetics in Cohesive Soils: LTRC Reinforced-Soil Test Wall, Jan. 2004, Louisiana Transportation Research Center, **11069**
- ✧ Experimental Placement of Stone Matrix Asphalt-Technical Report, April 2001, Maine Department of Transportation, **11049**

- ❏ Highway Pavement Distress Identification Manual for Highway Condition and Quality of Highway Construction Survey, March 1979, US DOT, **11023**
- ❏ Laboratory Results of Evaluations on Geotextiles & Geosynthetics, April 2004, AASHTO/NTPEP, **11018**
- ❏ Longitudinal Joint Treatment Technical Report, March 2004, Maine Department of Transportation, **11050**
- ❏ Material Properties for Implementations of Mechanistic-Empirical (M-E) Pavement Design Procedures, Feb. 2004, FHWA/OH-2003/021, Ohio Department of Transportation, **A04-164**
- ❏ Modeling the Roughness Progression on Kansas Portland Cement Concrete (PCC) Pavements, 2004, K-TRAN: KSU-00-6, Kansas Department of Transportation, **A04-167**
- ❏ Optimization of Asphalt Mixture Design for the Louisiana ALF Test Sections, Research Project 03-3B, March 2004, Louisiana Transportation Research Center, **A04-160**
- ❏ Use of Reinforced Soil Foundation (RSF) to Support Shallow Foundation, Research Project 04-2GT, March 2004, Louisiana Transportation Research Center, **A04-161**
- ❏ Using Foamed Asphalt as a Stabilizing Agent in Full Depth Reclamation of Route 8 in Belgrade-Technical Report, Dec. 2003, Maine Department of Transportation, **11051**

**Planning/ Research/ Program Development**

- ❏ Bicycle Safe Grate Inlets Study Final Report, June 1977, US DOT/FHWA, **11002**
- ❏ Bicycle Safe Grate Inlets Design Manual, Dec. 1980, US DOT/FHWA, **10946**
- ❏ Bus & Paratransit & Bus Rapid Transit Conferences, May 2004, American Public Transit Association, **10940**
- ❏ Embracing Change in a Changing World, TCRP Report 99, 2004, TRB, **11054**
- ❏ International Technology Scanning Program-Bringing Global Innovations to US Highways, Jan. 2002, US DOT/FHWA, **10995**
- ❏ Local Roadway Needs Assessment, July 2003, Colorado Department of Transportation, **11052**
- ❏ Prime Contractor Prequalification and Performance Evaluation, January 2004, FHWA-SC-03-09, South Carolina Department of Transportation, **A04-157**

- ❏ Strategic Planning and Decision Making in State Departments of Transportation, NCHRP Synthesis 326, 2004, Highway Research Board, National Research Council, **11071**
- ❏ Transit Advertising Sales Agreements, TCRP Synthesis 51, 2004, TRB, **10991**
- ❏ Transportation System Projects FY 2000-2009, Sept. 1999, NDOT, **10937**
- ❏ Transportation Enhancement Activities, TEA Challenge-Leading the Way, 1991-2001, AASHTO, **10996**

**Structures**

- ❏ Continuity Diaphragm for Skewed Continuous Span Precast Prestressed Concrete Girder Bridges, Technical Summary Report 383, March 2004, Louisiana Transportation Research Center, **A04-162**
- ❏ Fatigue and Shear Behavior of HPC Bulb-Tee Girders, Oct. 2003, Department of Civil and Environmental Engineering, Louisiana Transportation Research Center, **11067**
- ❏ Identification of Bridges in Bars Database Rated by WSD Method and an Intelligent Decision Support System to Convert the WSD-Based Rating to LFD-Based Rating, 2004, Ohio Department of Transportation, FHWA/OH-2004/001, **A04-156**

**Traffic/ Safety**

- ❏ Annual Traffic Report 2001, Traffic Information Division, 2002, NDOT, **10936**
- ❏ Effectiveness of Two-Way Stop Control at Low Volume Rural Intersections, 2004, K-TRAN: KSU-99-5, Kansas Department of Transportation, **A04-166**
- ❏ Motor Carrier Concerns About Transportation Problems in Oregon Final Report, March 2004, Oregon Department of Transportation, **11080**

**Reference Books**

- ❏ GPS-A Guide to the Next Utility, 1989, Trimble Navigation Ltd., **11063**
- ❏ Modern Sewer Design, Third Edition-1995, American Iron and Steel Institute, **11064**
- ❏ Nevada's Weather and Climate-Special Publication, 1975, Nevada Bureau of Mines and Geology, **10935**
- ❏ Selected ASTM Standards on Concrete Pipe, 1994, ASTM, American Concrete Pipe Association, **11017**
- ❏ Soil Stabilization, 1939, USDA/Bureau of Public Roads, (oldie, but goodie), **11095**