

Recent Acquisitions of the Research Library



February Acquisition List 2004

Construction/Design

- ✧ A Guide For Transportation Landscape and Environmental Design, American Association of State Highways, AASHTO, **10703**
- ✧ Design/Build Evaluation I-15 Corridor Reconstruction Project, CD Rom, UDOT, **10573**
- ✧ Operational Effects of Geometrics 2003, TRR 1847, TRB, **10635**
- ✧ Products for Construction Professionals, CD Rom, Tamms, **10576**

Hydraulics/Environment

- ✧ ASA 12 Application, CD Rom, Reclamation Consulting and Applications Inc., **10577**
- ✧ Assessment of Erosion/Sediment Control in Highway Construction Projects, 10718, Ohio University, **10718**
- ✧ Compilation of Records of Surface Waters of The United States Through 1950, Geological Survey Water Supply Paper 1314, US DOI, **10589**
- ✧ Control of Erosion And Sediment Deposition From Construction of Highways and Land Development, September 1971,US EPA, **10735**
- ✧ Controlling Drifting Sand Dunes on Cape Cod, Department of Plant and Soil Sciences, 1967, University of Massachusetts, FHWA, **10716**
- ✧ Drainage Action Guide Series, 1992, National Association of County Engineers, **10737**
- ✧ Environmental Law and Transportation, CD Rom, NCHRP, **10570**
- ✧ Erosion and Sediment Control Manual Roadway Design Division, 1993, West Virginia DOT, **10719**

- ⊞ Estimating Peak Runoff Rates from Ungaged Small Rural Watersheds, NCHRP, **10592**
- ⊞ Feasibility Study for Hydraulic Modeling Facility for Scour Problems, November 1994, Texas Transportation Institute, **10701**
- ⊞ Field and Laboratory Evaluation of Energy Dissipaters for Culvert and Storm Drain Outlets, ODOT, **10597**
- ⊞ Floods of January-February 1963 in California & Nevada, Geological Survey Water Supply Paper 1830-A, **10588**
- ⊞ Ground Water Quality and Geochemistry in Carson and Eagle Valley's, Western Nevada and Eastern California, 1994, USGS, US DOI, **10732**
- ⊞ How To Meet NPDES Requirements for Industrial and Construction Site Stormwater Discharges/Continueing, 1990, American Society of Civil Engineers, **10741**
- ⊞ Hydrogeologic Setting and Groundwater Quality of Areas Tributary To Lake Tahoe in Douglas County and Carson City Through 1987, USGS, US DOI, **10728**
- ⊞ Hydrologic Analysis for Highway Engineering, Chapters 1-16 & 17-27, US DOT/FHWA, **10595 & 10596**
- ⊞ Hydrologic Design Methods-2nd Edition, The Institute of Transportation, **10594**
- ⊞ Intersection Air Quality Model CD Rom, NCHRP, February 2003, **10642**
- ⊞ Introduction to Multi-Flow, CD Rom, Multi-Flow Drainage Systems, Varicore, **10578**
- ⊞ Lake Tahoe Ninth Annual Summary Water Quality Investigation, 1975, The Environmental Protection Agency, **10740**
- ⊞ Magnitude and Frequency of Floods in the US, Geological Survey Water Supply Paper 1683 & 1684 & 1688, US DOI, **10585 & 10586 & 10587**
- ⊞ Nyoplast Storm Drainage Structures, CD Rom, Advanced Drainage Systems Inc., **10575**
- ⊞ Precipitation Runoff Simulations for the Lake Tahoe Basin, California and Nevada, USGS, US DOI, **10729**
- ⊞ Precipitation Runoff Simulations for the Upper-Part of the Truckee River Basin, California and Nevada, USGS, US DOI, **10731**
- ⊞ Prefabricated Bridge Elements and Systems to Limit Traffic Disruption During Construction, NCHRP Synthesis 324, NCHRP, **10714**

- ✧ Preserving Our Environment-The Race Is On; Proceedings of Conference XXIV, International Erosion Control Association, **10695**; Conference XXIII, The Environment is Our Future, **10696**; Conference XXV, Sustaining Environmental Quality, **10697**
- ✧ Revegetation of Disturbed Soils in the Tahoe Region, Final Report, 1976, Caltrans, **10720**
- ✧ Sediment Runoff Control at Highway Construction Sites, College of Engineering, **10717**
- ✧ Silt Fences to Control Sediment Movement on Construction Sites, 1990, Ontario Ministry of Transportation and Communications, **10739**
- ✧ Snake river Basin Magnitude and Frequency of Floods/Map Plates, US DOI, **10591**
- ✧ Soils of the Tahoe Basin Report and General Soil Map, 1971, USDA Soil Conservation Service, **10726**
- ✧ Storm Duration and Antecedent Moisture Conditions for Flood Discharge Estimation, Rep. No. K-TRAN: KU-02-4, KDOT, **A04-130**
- ✧ Streamflow Characteristics Related to Channel Geometry of Streams in Western United States Geological Survey Water-Supply Paper 2193, US DOI, **10593**
- ✧ Streamflow, Sediment Transport, and Nutrient Transport, at Incline Village, Lake Tahoe, 1973, USGS, US DOI, **10727**
- ✧ Surface and Ground Water Characteristics in the Upper Truckee River and Trout Creek Watersheds, South Lake Tahoe, 1996, USGS, US DOI, **10730**
- ✧ Surface Water Supply of the United States Geological Survey Water-Supply Paper 1714, US DOI, **10590**
- ✧ Techniques for Estimating Flood-Peak Discharges of Rural, Unregulated Streams in Ohio, FHWA/OH-2003/013, **A04-137**
- ✧ The Lake Tahoe Watershed Assessment, USDA-Forest Service, **10734**
- ✧ Theory of Aquifer Tests Geological Survey, Geological Survey Water Supply Paper 1536-E, US DOI, **10583**
- ✧ Urban Soil Erosion and Sediment Control, May 1970,US DOI/Federal Water Quality Administration, **10736**
- ✧ Water Resources Data-Water Year 2002, USGS, **10666**; 2001,**10667**; 2000, **10668**; 1999, **10669**; 1998, **10670**; 1997, **10671**; 1996, **10672**; 1995, **10673**; 1994, **10674**; 1992, **10675**; 1991, **10676**; 1990, **10677**; 1989, **10678**; 1988, **10679**; 1987; **10680**; 1986, **10681**; 1985, **10682**; 1984, **10683**; 1983, **10684**; 1982, **10685**; 1981, **10686** (no 1993)

- ❏ Wetlands Hydrology/The Water Budget, AASHTO Model Drainage Manual/Chapter 7/Appendix E, NTPEP, **10738**

Maintenance

- ❏ ADOT Integrated Sign Management System-ADOT Maintenance Group-Final Report, AZ DOT, **10657**
- ❏ Guide for Optimal Timing of Pavement Preventative Maintenance Treatment Applications, NCHRP Project No. 14-14(52/100), **10637**
- ❏ Maintenance Budget Allocation System-Louisiana DOT, Rep. No.369, LTRC, **A04-123**
- ❏ Parking Management and Supply, TCRP Report 95 Chapter 18, **10660**
- ❏ Proceedings of the Eleventh International Winter Road Congress, CD Rom, World Road Association, **10574**
- ❏ Weather Sensor Systems for Snow and Ice Removal Operations, Part III: Optimization of Salt-Brine Pre-Treatment Application Rates and Frequency, ODOT, **A04-136**

Materials/ Pavements

- ❏ Accelerated Pavement Testing: Data Guidelines, NCHRP 512, NCHRP, TRB, **10773**
- ❏ Accelerated Testing for Studying Pavement Design and Performance (FY 2000) & (FY2001), Rep. No. FHWA-KS-02-6 & FHWA-KS-02-7, KDOT, **A04-126 & A04-127**
- ❏ A Laboratory Evaluation of Modification and Stabilization Additives/Identification and Stabilization Methods for Problematic Silt Soils, Report No.371, LTRC, **A04-125**
- ❏ A Study of Factors Affecting Roughness Progression on Portland Cement Concrete Pavements in Kansas, KTRAN, K-TRAN-KSU-99-4, **A04-139**
- ❏ Blending Proportions of High Skid and Low Skid Aggregate, Research Job No. 14793(0), ODOT, **A03-118**
- ❏ Concrete Formwork and Accessories Since 1901, CD Rom, Symons, **10579**
- ❏ Cross Tensioned Concrete Pavement, Rep. No. KS-02-5, KDOT, **A04-129**
- ❏ Development of Geotechnical Information Database-Computer Program to Expedite Soil Subgrade Survey Data to Designers, Project No.03-1GT, LTRC, **A03-120**
- ❏ Effectiveness of Crack Sealing on Pavement Serviceability and Life, Research Job No. 14738(0), ODOT, **A03-119**

- ❏ Evaluation of Performance of Light-Weight Profilometers, Rep. No. FHWA-KS-01-2, KDOT, **A04-128**
- ❏ Full Depth Bituminous Recycling of I-70 Thomas County, Kansas, KTRAN, FHWA-KS-03-2, **A04-138**
- ❏ Guidelines and Methodologies for the Rehabilitation of Rigid Highway Pavements Using Asphalt Concrete Overlays, 1991, Pavement Consultancy Services, **10700**
- ❏ Guidelines for Conducting and Calibrating Road Roughness Measurements, 1986, The World Bank Technical Paper 46, **10698**
- ❏ Laboratory and Field Evaluations of Permanent Non-Plowable Raised Pavement Markers, Georgia, NTPEP, AASHTO, **10707**
- ❏ Monitoring Seasonal Instrumentation and Modeling Climatic Effects on Pavements at the Ohio/SHRP Test Road, ODOT, FHWA/OH-2003/018, **A04-140**
- ❏ Pavement Management and Rigid and Flexible Pavement Design 2003, TRR 1853, TRB, **10776**
- ❏ Permanent Deformation Characteristics of Oregon Mixes Using the Asphalt Pavement Analyzer-Final Report, January 2004, OR DOT, **10638**
- ❏ Simple Performance Tester for Superpave Test Design: First Article Development and Evaluation, NCHRP, TRB, **10772**
- ❏ Steel Yielding Terminal Posts (SYTP), Video, Trinity Industries Inc., **10580**
- ❏ The International Road Roughness Experiment, World Bank Technical Paper Number 45, The World Bank 1986, **10699**
- ❏ The Stability of Calcium Sulfate Base Course in a Wet Environment, Research Project 03-8GT, LTRC, **A04-134**

Planning/ Research/ Program Development

- ❏ 83rd Annual Meeting of the Transportation Research Board, January 2004, CD Rom, **10641**
- ❏ Effect of Urban Growth on Streamflow Regimen of Permanente Creek, Santa Clara County Ca, Geological Survey Water Supply Paper 1591 B, US DOI, **10584**
- ❏ Interim Planning for a Future, NCHRP 510, TRB, **10661**
- ❏ Land-Capacity Classification of the Lake Tahoe Basin, California and Nevada, 1974, USDA Forest Service, FHWA, **10733**

- ❏ Land Use Efficiency-Strategies and Tools to Implement Transportation Efficient Development: A Reference Manual/Phase 2 of Integrating Land Use and Transportation Investment Decision Making, WDOT, USDOT, FHWA, **A03-114**
- ❏ Transit Cooperative Research Program, TCRP Report 95, Chapter 11, TRB, **10689**
- ❏ Transportation in Developing Countries, TRR 1846, TRB, **10603**
- ❏ Transportation Network Modeling 2003, TRB, **10752**
- ❏ Transportation Planning and Analysis 2003, TRR 1858, TRB, **10774**

Structures

- ❏ Analysis of Past NBI Ratings to Determine Future Bridge Preservation Needs, Rep. No. 377, LTRC, **A04-133**
- ❏ Bonded Repair and Retrofit of Concrete Structures Using FRP Composites, NCHRP 514, TRB, **10715**
- ❏ Bridge-Type Specific Management of Steel-Stringer Bridges-Phase I, Validation of Tools, Job No. 14635(0), ODOT, **A04-135**
- ❏ Evaluation of Anchor Wall Systems, September 2003, Civil Engineering Research Foundation, HITEC, **10702**
- ❏ Guide Specifications for Polymer Concrete Bridge Deck Overlays, AASHTO, **10705**
- ❏ In-Situ Tests of Three Bents at South Temple Bridge on Interstate 15-Final Report, Report No.UT-03.32, UDOT, **A03-112**
- ❏ Manual For Bridge Maintenance, 1987, AASHTO, **10704**
- ❏ Nondestructive Evaluation of Fiber Reinforced Polymer Bridges and Decks, Report No. 376, LTRC, **A04-124**
- ❏ Preparing Input Data for MOBILE 6 Vehicle Emissions Model, Project No.03-2SS, LTRC, **A04-121**
- ❏ Review of Class E Concrete Bridge Decks in South Carolina-Phase II, Project No.615, SCDOT, **A03-113**

Traffic/ Safety

- ❏ Algorithms for Estimating Mean Vehicle Speed Using Uncalibrated Traffic Management Cameras, Research Report T1803, WDOT, USDOT, **A03-115**

- ❏ Arizona Intelligent Vehicle Research Program, Phase II 2001-2002, Final Report, AZ DOT, **10658**
- ❏ Evaluation of Measures to Minimize Wildlife-Vehicle Collisions and Maintain Wildlife Permeability Across Highways, SPR 540, ADOT, **A04-131**
- ❏ Evaluation of Roundabout Options, SPR 545,ADOT, **A04-132**
- ❏ Field Performance Evaluation and Laboratory Test Results of Select Flexible Delineators and Plastic Drums, Winter 2003/Summer 2003 Test Cycle, AASHTO, **10706**
- ❏ Highway Facilities for an Aging Arizona Population, SPR 486, ADOT, **A04-131**
- ❏ Laboratory and Field Evaluations of Permanent Non-Plowable Raised Pavement Markers, Georgia, NTPEP, AASHTO, **10707**
- ❏ Measurement of Recurring Versus Non-Recurring Congestion: Technical Report and Final Report, Research Report T2695, WDOT, US DOT, **A03-116 & A03-117**
- ❏ Roadway Safety Tools for Local Agencies, NCHRP Synthesis 321, **10604**
- ❏ Statistical Methods and Modeling and Safety Data, Analysis, and Evaluation, TRR 1840, TRB, **10775**
- ❏ Tech Transfer Safe Routes to School, University of California at Berkeley, **10643**
- ❏ Texas Transportation Institute /Safety and Structural Systems Division, Video, **10581**
- ❏ Transit Labor 13 [c] Decisions, CD Rom, TCRP, TRB, **10571**
- ❏ Variable Message Sign Operations Manual, CD Rom, NJDOT, **10572**

Human Resources

- ❏ Organizational and Expertise Directory/US DOT, FHWA Offices of Research, Development, and Technology, Fall 2003, **10623 (14 extra copies)**

Reference Books

- ❏ Alternative Natural Energy Sources in Building Design, Davis & Schuber, **10609**
- ❏ Basics of Solar Heating & Hot Water Systems, AIA Research Co., Prentice-Hall, Inc., **10598**
- ❏ Climatic Design Energy-Efficient Building Principles and Practices, McGraw-Hill Books, **10612**
- ❏ Engineering Sciences News, Catalog of Publications From Wit Press 2004, **10711**

- ✧ Journal of Geotechnical and Geoenvironmental Engineering, American Society of Civil Engineers, Jan.-Dec. 2003 (list of articles for entire year is available for circulation)
- ✧ Northern Tool & Equipment Company, Spring-Master Catalog 2004, **10645**
- ✧ Practical Surveying For Technicians, 1994, Delmar, **10745**
- ✧ Solar Energy Thermal Process, John Wiley and Sons Inc., **10610**
- ✧ Solar Heating Design By the F-Chart Method, John Wiley and Sons Inc., **10611**
- ✧ Surveying, Tenth Edition, Moffitt/Bossler, **10712**
- ✧ Sustainable Development, Ecology & Environmental Engineering News, Catalog of Publications from Wit Press 2004, **10710**
- ✧ The Built Environment News, Catalog of Publications From Wit Press 2004, **10709**
- ✧ The Ecology and Management of the Genus Chrysothamnus, Utah State University, **10640**
- ✧ The Surveying Handbook, 1995, Chapman and Hall, **10749**

Library Note

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