

Recent Acquisitions of the Research Library



Acquisition List for June 2004

Hydraulics/Environment

- ❑ AASHTO Guidelines for Highways Along Coastal Zones and Lakeshores, Volume XI of the Highway Drainage Guidelines, 1994, NTPEP, **11199**
- ❑ Accelerated Recovery of Native Vegetation on Roadway Slopes Following Construction, Vol. III, 1987, US DOT/FHWA, **11284**
- ❑ Accuracy of Computed Water Surface Profiles/Executive Summary, 1986, US Army Corps of Engineers, **11217**
- ❑ Advanced Computer Tools for Roadway Hydraulic and Hydrologic Design, 2000, Utah State Departments of Highways, **10628**
- ❑ Advanced Drainage Systems Inc., 100 Year Service Life, 2003, HDPE, Advanced Drainage Systems Inc., **11300**
- ❑ A Guide for Community Officials/Appeals, Revisions and Amendments To the National Flood Insurance Program Maps, 1993, FEMA, **11314**
- ❑ Alluvial Fans: Hazards and Management, 1989, Federal Emergency Management Association, **11313**
- ❑ Answers to Questions About Substantially Damaged Buildings/National Flood Insurance Program, 1991, FEMA, **11307**
- ❑ Answers to Questions About the National Flood Insurance Program, Be Flood Alert, 2001, Federal Emergency Management Agency, **11293**
- ❑ Bridge Waterways Analysis Model: Research Final Report, 1986, U S Department of Transportation, **11258**
- ❑ Clark County Regional Flood Control District-Annual Report 2000-2001, 2002, **11240**

- ✧ Computing Water Surface Profiles with HEC-2 on a Personal Computer/Executive Summary, 1992, U S Army Corps of Engineers, **11218**
- ✧ Conservation Plantings for Rangeland Windbreaks Wildlife Soil Conservation Center, 1978, University of Nevada Reno, **11263**
- ✧ Conservation Tree and Shrub Cultivators in the United States, 1991, US Department of Agriculture, Soil Conservation Service, **11208**
- ✧ Cumulative Impact Analysis of Dewatering and Water Management Operations for the Betze Project, South Operations Area Project Amendment, and Leeville Project, 2000, USGS, **11224**
- ✧ Daily Flow-Routing Simulations for the Truckee River, California and Nevada, 1996, USGS, US DOI, **11204**
- ✧ Design Charts for Open Channel Flow/Hydraulic Design Series No. 3, 1961, US DOT, **11213**
- ✧ Design of Roadside Drainage Channels/Hydraulic Design Series No. 4, 1973, US DOT, **11211**
- ✧ Design Manual for Low Water Stream Crossings, 1984, Iowa Department of Transportation, Iowa State University, **11198**
- ✧ Durability of Asphalt Coating and Paving on Corrugated Steel Culverts in New York, 1984, FHWA, New York Department of Transportation, **11285**
- ✧ Encasement of Pipelines Through Highway Roadbeds, 1983, NCHRP, TRB, NRC, **11239**
- ✧ Erosion Control Manual/Colorado Department of Highways, 1978, CO DOT, **11210**
- ✧ Estimation of Frequency Based Flood Peaks for an Ungauged Watershed Using Field Calibration, 1997, Louisiana Transportation Research Center, **11203**
- ✧ Estimating Flood Discharges in Nevada Using Channel Geometry Measurements, 1974, Nevada Highway Department, NDOT, **11214**
- ✧ Estimating Peak Discharges From Small Drainages in Nevada According to Basin Areas Within Elevation Zones, 1976, Nevada Highway Department, NDOT, **11215**
- ✧ Evaluating Scour at Bridges, Second Edition, 1993, U S Department of Transportation, **11257**

- ✧ Evaluation of Flood Risk factors in the Design of Highway Stream Crossings Vol. II Analysis of Bridge Backwater Experiments, 1977, FHWA Offices of Research, **11264**
- ✧ Flood Chronology Truckee River Sub-Basin 1861-1976, 1977, USDA/Forest Service, **11303**
- ✧ Flood Investigations In Nevada Through 1976, Water Year Progress Report 15, 1976, USGS/US DOI, **11296**, Report 16, 1976, **11297**
- ✧ Guides for Erosion and Sediment Control in Nevada, 1976, US Department of Agriculture, **11274**
- ✧ HEC-RAS River Analysis System, 1997, US Army Corps of Engineers, Hydraulic Reference Manual, **11222**, User's Manual, **11221**
- ✧ Improvements in the Structural Design, Construction, and Maintenance of Type 5 & 6 Catch Basins, Final Report, 1989, South Carolina Department of Transportation, **11227**
- ✧ Keyed RipRap Distributed Through Demonstration Project No. 31, 1970?'s, US DOT, Oregon Department of Transportation, **11269**
- ✧ Life Cycle Cost for Drainage Structures, Final Report, 1988, U S Army Corps of Engineers, **11289**
- ✧ Local Design Storm (Drainage) Vol. III Users Manual, 1983, U S Department of Transportation, **11261**
- ✧ Managing Floodplain Development in Approximate Zone A Areas/A Guide for Obtaining and Developing Base 100-Year Flood Elevations, 1995, Federal Emergency Management Agency, **11305**
- ✧ Meeting Air Quality Conformity Standards Through Alternative Scenarios in the Transportation Modeling Process, April 2004, FHWA-SC-04-02, South Carolina Department of Transportation, **A04-176**
- ✧ National Water Summary 1983-Hydrologic Events and Issues/USGS Water Supply Paper 2250, 1984, USGA, **11245**, Paper 2207, **11298**
- ✧ Pacific Southwest Forest and Range Experiment Station Landscape Control Points, 1973, USDA-Forest Service, **11238**
- ✧ Potential Hydraulic Effects of Mining in the Humboldt River Basin, Northern Nevada Water Resources Investigation, 1995, USGS, **11223**
- ✧ Proceedings High Altitude Revegetation Workshop No.10, 1992, Colorado Water Resources Research Institute, **11275**

- ✧ Restoration of Fish Habitat in Relocated Streams, 1979, FHWA-IP-79-3, US DOT, **11209**
- ✧ Roadside Establishment of Woody Plants by Direct Seeding, 1994, Kansas Department of Transportation, **11256**
- ✧ Scour in Supercritical Flow, 1988, Arizona Department of Transportation, **11262**
- ✧ Short-Term Monitoring for Compliance with Air Quality Standards, NCHRP 479, 2004, TRB, **11207**
- ✧ Slope Protection Products, Flexible Channel Liner Products & Highway Mulches/Hydraulics & Erosion Control Laboratory, 1999, Texas State Department of Highways, **11271**
- ✧ Small Communities Flood Assessment Study (Flood of 1997) Eastern Sierra-Western Nevada Basins-Nevada and California, September 1997, US Army Corps of Engineers, **11195**
- ✧ Stream Channel Stability Assessment-Final Report, 1982, US Department of Transportation, **11260**
- ✧ Streambank Stabilization Measures for Highway Stream Crossings-Executive Summary-Final report, 1985, US Department of Transportation, **11259**
- ✧ Surface- and Ground-Water Characteristics in the Upper Truckee River and Trout Creek Watersheds, South Lake Tahoe, CA & NV, July-December 1996, 2000, USGS, **10763**
- ✧ Walker River Chronology/Division of Water Planning, 1996, Nevada Department of Conservation, **11219**
- ✧ Washoe County Flood Control Master Plan/Concept Level Report-Volume II, 1991, Washoe County Nevada, **11295**
- ✧ Water and Related Land Resources Central Lahonton Basin Nevada-California, Chronological History, 1975, Nevada Department of Conservation and Natural Resources, **11244**
- ✧ Water Related Scientific Activities of the US Geological Survey in Nevada/Fiscal Years 1997-1998, 1999, USGS, **11200**
- ✧ Watershed Work Plan for Elko County, Nevada, Elko Watershed, 1964, US Department of Agriculture, **11294**

Maintenance

- ❏ Long Term Monitoring of Seasonal and Weather Stations and Analysis of Data from SHRP Pavements, March 2004, FHWA/OH-2004/004, Ohio Department of Transportation, **A04-178**
- ❏ Proposed Soil Lead Management Criteria as Part of Caltrans Highway Construction and Maintenance, 1998, California Department of Transportation, **11226**

Materials/ Pavements

- ❏ An Overview of Polymer Coatings for Corrugated Steel Pipe in New York, 1984, FHWA, New York Department of Transportation, **11286**
- ❏ Direct Calculation of Maximum Curvature and Strain in AC Layers of Pavements from Load Deflection Basin Measurements, No Publication Date, Ontario Ministry of Transportation, Canada, **11288**
- ❏ Epoxy Anchoring & Crack Injections Systems, 1995, Covert Operations, **11243**
- ❏ Evaluation of the Rutting Potential of KDOT Mixtures Using the Asphalt Pavement Analyzer, 2004, K-TRAN: KU-00-1, Kansas Department of Transportation, **A04-181**
- ❏ Investigation into ASR Potential of Aggregate in the Upstate Area of South Carolina, May 2004, FHWA-SC-04-05, South Carolina Department of Transportation, **A04-177**
- ❏ Investigation of the Effect of Curling on As-Constructed Smoothness and Ride Quality of KDOT Portland Cement Concrete (PCC) Pavements, 2004, K-TRAN, KSU-01-7, **A04-180**
- ❏ Overlay Design with the Falling Weight Deflectometer, 1979, TRB, **11220**
- ❏ Performance of Soil Stabilization Agents, 2004, K-Tran: KU-01-8, Kansas Department of Transportation, **A04-182**
- ❏ Rainfall Estimation for Pavement Analysis and Design, 1989, Texas Transportation Institute, **10561**
- ❏ Rating Flexible Pavement Surface Condition-Technical Report 7, 1968, Ontario Ministry of Transportation and Communication, **11273**
- ❏ Superintendents Manual on Compaction of HOTMIX Asphalt Pavement Training Aid Series 12, No Publication Date, National Asphalt Pavement Association, **11287**
- ❏ The Performance of Continuously Reinforced Concrete Pavements in Texas, 1987, NAPA, National Asphalt Pavement Association, **11225**
- ❏ Tire/Pavement Noise Study, Department of Civil Engineering/UNR, 2004, NDOT, **11212**

Planning/ Research/ Program Development

- ❏ Addendum to the 1997 Federal Highway Cost Allocation Study, 2000, US Department of Transportation, FHWA, **11268**
- ❏ Case Studies of the Economic Impact of Highway Bypasses in Kansas, 2004, K-TRAN: KSU-02-1, Kansas Department of Transportation, **A04-179**
- ❏ Conditions and Performance Report to Congress, 2003, US DOT/FHWA/FTA, **11281**
- ❏ DOTD (Department of Transportation and Development) Customer Satisfaction Survey, 2004, Louisiana Transportation Research Center, **11234**
- ❏ IDEA (Innovations Deserving Exploratory Analysis Programs)-Program Announcement 2002 High Speed Rail/Transportation/Safety/Highway/Transit, 2002, TRB, **11283**
- ❏ Impact of Changes in Truck Weight Regulations on Montana's Economy, 1999, Montana Department of Transportation, **11279**
- ❏ Integrating Tourism and Recreational Travel with Transportation Planning and Project Delivery, NCHRP Synthesis 329, 2004, NCHRP, **11282**
- ❏ Monthly Motor Fuel Reported by States (Jan.-June 1999), 2000, US DOT, **11266**
- ❏ Monthly Motor Fuel Reported by States (Jan.-Sept. 1999), 2000, US DOT, **11267**
- ❏ Needs Study and Sufficiency Rating Report, 2001, US DOT/Oklahoma Department of Transportation, **11278**
- ❏ Transit Scheduling and Frequency, TCRP Report 95 Chapter 9, 2004, TRB, **11206**

Structures

- ❏ A-Jacks Concrete Armor Units/Channel Lining and Pier Scour Design Manual, 1999, AYRES Associate, **11302**
- ❏ Analysis of Past NBI (National Bridge Inventory) Ratings to Determine Future Bridge Preservation Needs, 2004, Louisiana Department of Transportation, **11233**
- ❏ Instrumented Monitoring and Modeling of WAS-339-2013 Prior to, During, and After Superload, April 2004, FHWA/OH-2003/017, Ohio Dept. of Transportation, **A04-175**
- ❏ Repair and Rehabilitation of Bridge Components Containing Epoxy-Coated Reinforcement, Final Report, NCHRP Web Document 50, 2002, TRB, **11194**
- ❏ Timber-Bridges, 2002 Award Winners, Part of Your Future, As Well as Your Past, 2002, The Engineered Wood Association, **11242**

Traffic/ Safety

- ☞ Center For Transportation and The Environment, 1999-2000 Annual Report, **11241**
- ☞ Highway Safety Design and Operations Guide, 1997, AASHTO, **11202**
- ☞ Large Truck Crash Causation Study Interim Report, 2002, US Department of Transportation, **11265**
- ☞ Motor Vehicle Traffic Crash Summary/2003 South Dakota, 2004, SD DOT, **11205**
- ☞ Transportation in an Aging Society, Conference Proceedings-27, 2004, TRB, **11188**
- ☞ Uniformity of Roadside Safety Inspections of Commercial Vehicles and Drivers on the National Level, Project Final Report, 1999, US Department of Transportation, **11280**

Reference Books

- ☞ Harnessing MicroStation J (Includes MicroStation SE), 1999, Bentley, **11216**
- ☞ Thermodynamics-An Engineering Approach, 1994, Cengel/Boles, **11251-11254**
- ☞ Thermodynamics-Solutions Manual, 1994, Cengel/Boles, **11255**
- ☞ TRB 2004 Publications Catalog, 2004, **11201**

CD Rom

- ☞ Transportation Research Board 2003 Series, TRR 1819-1861, 2003, **11189**

Video

- ☞ Oklahoma DOT Culvert Reline Video, **11301**

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We are still interested in receiving donated publications from all departments. This month we have John Koster to thank for donating the Thermodynamics textbooks to the Library. Thanks John!

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