

Recent Acquisitions of the Research Library



March 2004 Acquisition List

Construction/Design

- ✧ Analysis of the Visual Character of the Major Highway Corridors of El Paso Texas, Texas Transportation Institute, **10911**
- ✧ Construction 2003, TRR 1861, Transportation Research Board, **10777**
- ✧ Flexibility in Highway Design, US DOT, **10916**
- ✧ Highway and Facility Design 2003, TRR 1851, Transportation Research Board, **10782**
- ✧ Modern Sewer Design, 1980, American Iron and Steel Institute, **10813**

Hydraulics/Environment

- ✧ An Evaluation of the Water Resources of the Humbolt River Valley near Winnemucca, Nevada Water Resources Bulletin No. 24, Nevada Department of Conservation and Natural Resources, **10890**
- ✧ Biotechnical Stabilization of Steepened Slopes, TRB 74th Annual Meeting, **10837**
- ✧ Carson City Storm Drainage Study Phase II-Hydrology, SEA Incorporated **10891**, Study Phase III-Master Plan, SEA Incorporated, **10892**
- ✧ Development of Hydraulic Design Chart for Type IV End Sections for Pipe Culverts, Kansas DOT, **10879**
- ✧ East Fork Carson River Stabilization Study, US Department of Agriculture, **10883**
- ✧ Environmental Justice in Transportation Planning/Phase II, December 2003, CO DOT, **10803**
- ✧ Establishment of Grass Mixtures on Roadsides, Texas Transportation Institute, **10914**

- ⌘ Estimates of Bridge Scour at Two Sites on the Virgin River, Southeastern Nevada, Using a Sediment Transport Model and Historical Geomorphic Data/Water Resources Investigations Report 97-4073, US DOI, **10896**
- ⌘ Experimental Investigations of Scour Around Bridge Piers, FHWA/SC-03-12, Report No.603, SCDOT, **A04-147**
- ⌘ Handbook of Drainage and Construction Products, 1958, ARMCO Drainage and Metal Products, **10814**
- ⌘ Handbook of Steel Drainage & Highway Construction Products, American Iron and Steel Institutes, **10818**
- ⌘ Hydraulic Performance of Culverts with Safety Grates Research Report 301-1F, Texas DOT, **10893**
- ⌘ Hydrologic Reconnaissance of the Humbolt River Basin, Nevada Water Resources Bulletin No. 2, Nevada Department of Conservation and Natural Resources, **10889**
- ⌘ Hydraulics of Bridge Waterways No. 1, US DOT/FHWA, **10900**
- ⌘ Introduction to Highway Hydraulics/A Training Course Based on Hydraulic Design Series No. 4-Participants Workbook, US DOT, **10885**
- ⌘ Magnetic Sliding Collar Scour Monitor, NCHRP Project No.21-3, **10882**
- ⌘ Portable Scour Monitoring Equipment, NCHRP 515, TRB, **10899**
- ⌘ Prairie Restoration: An Evaluation of Techniques for Management of Native Grass Communities in Highway Roadsides in Texas, Texas Transportation Institute, **10912**
- ⌘ Progress Report on Daily Flow-Routing Simulation for the Carson River, US DOI, **10898**
- ⌘ Protecting Our Water Resources/A Guide for Washoe County Residents, UNR, **10834**
- ⌘ Rangeland Insects of the United States/A Four Corners Commission Publication, 1982, UT DOT, Utah Agricultural Division, **10833**
- ⌘ Review of Highway Planting Information Appropriate to Nevada, Desert Research Institute, **10905**
- ⌘ Roughness Characteristics of Rock-Lined Channels, Ohio DOT, **10878**
- ⌘ Seeding Methods for Utah Roadsides, UDOT, **10904**

- ❏ Slope Protection/Flexible Channel Liners-Final Performance Analysis 1995, Texas Transportation Institute, **10910**
- ❏ Sonar Scour Monitor, NCHRP Project No.21-3, **10881**
- ❏ Stream Stability and Scour at Highway Bridges Bridge Inspectors Module-Participants Notebook, November 1995, US DOT, **10886**, October 1999, **10887**
- ❏ Sustainability and Environmental Concerns in Transportation 2003, TRR 1859, Transportation Research Board, **10787**
- ❏ Temporary Erosion Control Selection-TAMUBMP Computer Program, Texas Transportation Institute, **10909**
- ❏ Urban Stormwater Management Special Report No. 49, FHWA, **10888**
- ❏ Utilization of Precipitation Estimates Derived from Composite Radar, Kansas DOT, **10880**
- ❏ Wetlands and Highways, US DOT, FHWA, **10836**

Maintenance

- ❏ Influence of Adjuvants on Roundup Effectiveness, Texas Transportation Institute, **10913**
- ❏ Snow Fence Guide SHRP-W/FR-91-106, Strategic Highway Research Program, **10835**

Materials/ Pavements

- ❏ American Concrete Institute 2004 Catalog, ACI, **10931**
- ❏ A Study of Factors Affecting Roughness Progression On Portland Cement Concrete Pavements In Kansas, Report No: K-Tran: KSU-99-4, KDOT, **A04-142**
- ❏ Comparison of Compressive Strengths Using 4x8 vs. 6x12 Cylinders for Prestress Concrete, Report No.04-005, MODOT, **A04-145**
- ❏ Design and Construction of NDOT Test Sections on Interstate 80, NV DOT, **10866**
- ❏ Full Depth Bituminous Recycling of I-70, Thomas County, Kansas, Report No.FHWA-KS-03-2, KDOT, **A04-144**
- ❏ Evaluation of Corrosion Resistance of Microalloyed Reinforcing Steel, Report No: FHWA-KS-02-9, KDOT, **A04-143**
- ❏ Evaluation of Mechanical and Corrosion Properties of MMFX Reinforcing Steel for Concrete, Report No: FHWA-KS-02-8, KDOT, **A04-141**

- ✧ Evaluation of Rutting Resistance of Superpave and HVEEM Mixtures, NV DOT, Volume I-Introduction and Background **10865**, Volume II-Impact of Aggregate Gradations, **10868**, Volume III-Impact of Gyrotory Compaction, **10867**
- ✧ Key Findings from LTPP Analysis, 2000-2003, FHWA, LTPP, **10832**
- ✧ LTPP Year in Review 2003, US DOT, FHWA, **10831**
- ✧ Pavement Assessment, Monitoring, and Evaluation 2003, TRR 1860, Transportation Research Board, **10778**
- ✧ Production and Evaluation of Sugar Cane Fiber Geotextiles Report, Field Testing, Louisiana, DOT, **10903**
- ✧ Significant Findings from Full-Scale Accelerated Pavement Testing, NCHRP, **10847**
- ✧ Studies on the Use of High Performance Concrete and FRP Reinforcement for the I-25/Parker Road Bridge, December 2003, CO DOT, **10804**
- ✧ Void Detection with the Falling Weight Deflectors, RDT 04-004, RI 99-044, MODOT, **A04-146**

Planning/ Research/ Program Development

- ✧ 2003 T2 Annual Report, February 8, 2004, NDOT T2, UNR, **10793**
- ✧ Air Transportation Challenges/Airspace, Airport, and Access, TRR 1850, Transportation Research Board, **10781**
- ✧ Annual Report on New Starts 2004, US DOT, **10918**
- ✧ American Planning Associations 2004 National Planning Conference, APA, **10783**
- ✧ Equipment for Collecting Traffic Load Data, NCHRP 509, TRB, **10872**
- ✧ Guide for the Development of Bicycle Facilities, AASHTO, **10915**
- ✧ Highway Statistics 2002, US DOT 2003, **10919**
- ✧ Measuring Personal Travel and Goods Management, TRB Special Report 277, **10864**
- ✧ Performance Report/Fiscal Year 2003 Turner-Fairbank Highway Research Center, FHWA Offices of Research, **10869**
- ✧ Research for Developing Educational Tools and Outreach Programs, October 2003, AZ DOT, **10802**

- ✧ Transit Capacity and Quality of Service Manual, TCRP Report 100, Transportation Research Board, **10792**
- ✧ Transportation Data Research, TRR 1855, Transportation Research Board, **10779**
- ✧ Transportation Management and Public Policy, TRR 1848, Transportation Research Board, **10788**
- ✧ Traveler Behavior and Values 2003, TRR 1854, Transportation Research Board, **10780**
- ✧ Truck Trip Collection Methods Final Report, February 2004, OR DOT, **10805**
- ✧ United States Numbered Highways, 1989 Report, AASHTO, **10906**
- ✧ Urban Data Warehouse/Data Mining Component for ITS: Statewide Planning Phase, Research No.04-1SS, LTRC, **A04-150**

Structures

- ✧ Assessing the Needs for Intermediate Diaphragms in Prestressed Concrete Bridges, Research No: 03-3ST, LTRC, **A04-148**
- ✧ Extending Span Ranges of Precast Prestressed Concrete Girders, NCHRP, Transportation Research Board, **10799**
- ✧ Performance Evaluation of Bridges with Fiber Reinforced Composite Decks, Report No: FHWA/OH-2003/016, ODOT, **A04-151**
- ✧ Performance of Permanent Ground Anchors for Landslide Stabilization, FHWA-WY-03/03F, WYDOT, **A04-153**
- ✧ Prefabricated Wall Drain System for Structures, PENNDOT, **10902**
- ✧ Strengthening of Bridge Beams Using Fiber Reinforced Polymers (FRP), Research No.03-4ST, LTRC, **A04-149**

Traffic/ Safety

- ✧ Annual Traffic Report-1996, NDOT, **10908**, Report-1998, **10907**
- ✧ High Occupancy Vehicle Systems, and Traffic Signal Systems, TRR 1856, TRB, **10849**
- ✧ Rational Schedule for Base Accident Rates For Rural Highways in Ohio, FHWA/OH-2003/008, **A04-152**
- ✧ Traffic Flow Theory and Highway Capacity 2003, TRR 1852, TRB, **10848**

Human Resources

- ✧ No Entries

Reference Books

- ✧ Concrete Pipe Handbook, American Concrete Pipe Association, yr.1958, **10811**, yr. 1965, **10810**, yr.1981, **10809**, yr. 1988, **10808**
- ✧ Concrete Pipe Field Manual, 1962, American Concrete Pipe Association, **10812**
- ✧ Design and Construction of Sanitary and Storm Sewers, 1969, American Society of Civil Engineers, **10877**
- ✧ Handbook of Concrete Culvert Pipe Hydraulics, 1964, Portland Cement Association, **10815**
- ✧ Highway Curves, Fourth Edition, John Wiley & Sons, Inc., **10884**
- ✧ Manual on Uniform Traffic Control Devices, FHWA, **10901**

