



Acquisition List for November 2004

Construction/Design

- ✧ Drilled Shaft Design for Sound Barrier Walls, Signs, and Signals, 2004, Colorado Department of Transportation, **11753**
- ✧ Geometric Design Guidelines for Suburban High-Speed Curb and Gutter Roadways, 1995, Texas Transportation Institute, **11757**

Hydraulics/Environment

- ✧ A Risk-Based Ranking System for CDOT Salt Pipe Facilities, 2004, Colorado Department of Transportation, **11754**
- ✧ Guideline and Recommended Standard for Geofoam Applications in Highway Embankments, 2004, NCHRP/TRB, **11743**
- ✧ Pier and Contraction Scour in Cohesive Soils, 2004, Transportation Research Board, **11741**
- ✧ Transmission Pipelines and Land Use/A Risk Informed Approach, 2004, Transportation Research Board, **11735**

Maintenance

- ✧ Field Performance and Laboratory Evaluation of Select Flexible Delineators and Plastic Drums, 2004 NTPEP Report Series-Report No.6017.1, 2004, AASHTO's National Transportation Product Evaluation Program, **11796**
- ✧ Highway Maintenance Concept Vehicle, Iowa State University/Iowa DOT
Phase I, 1997, **11828**
Phase II, 1998, **11827**
Phase III, 2001, **11826**
Phase IV, 2002, **11825**

- ❏ Maintenance Productivity Practices, 2004, TCRP/TRB/Federal Transit Administration, **11740**

Materials/ Pavements

- ❏ Comparison of “Saw and Seal” Procedure and Performance Grade Binder to Minimize Thermal Cracking, Interim Report-Second year 2004, **A04-228**
- ❏ “Early-Opening-to-Traffic” Portland Cement Concrete for Pavement Rehabilitation, 2004, Michigan State University, **11758**
- ❏ Engineering Evaluation of Polymer-Based Drilling Fluids for Applications in Missouri Shale, 2004, Missouri Department of Transportation, **A04-218**
- ❏ Evaluation of Indirect Tensile Test (IDT) Procedures for Low Temperature Performance of Hot Mix Asphalt, 2004, Transportation Research Board/NCHRP, **11744**
- ❏ Mechanistic Evaluation of the Georgia Loaded Wheel Tester for Superpave Asphalt Mixtures, 2004, Ohio Department of Transportation, **A04-221**
- ❏ Quality Characteristics for Use with Performance Related Specifications for Hot Mix Asphalt, Research Results Digest #291, 2004, NCHRP, **11863**
- ❏ Relationship of Air Voids, Lift Thickness, and Permeability in Hot Mix Asphalt Pavements, 2004, Transportation Research Board, **11745**

Planning/ Research/ Program Development

- ❏ Effects of Hauling Timber, Lignite Coal, and Coke Fuel on Louisiana Highways and Bridges, 2004, Louisiana Department of Transportation, **A04-225**
- ❏ Geospatial Information Infrastructure for Transportation Organizations/Spatial Information/Decision Making/Planning and Administration, TRB Conference Proceedings-31, 2004, Transportation Research Board, **11756**
- ❏ Integration, Status and Potential of Environmental Justice and the Social Impact Assessment Process in Transportation Development in Missouri, 2004, Missouri Department of Transportation, **A04-223**
- ❏ Public Transportation Board Effectiveness: A Self Assessment Handbook, 2004, Transportation Research Board, **11739**
- ❏ Research, Development, and Technology Annual Report 2004, 2004, Missouri Department of Transportation, **A04-222**
- ❏ Synthesis of Information Related to Transit Problems, Research Results Digest #67, 2004, NCHRP, **11865**

✧ Transit Design, Construction, and Operations in the Mediterranean Region, Research Results Digest #66, 2004, NCHRP, **11864**

✧ Transportation Finance, Economics, and Economic Development 2004, TRR 1864, 2004, Transportation Research Board, **11822**

Structures

✧ Concrete Bridge Deck Performance, 2004, Highway Research Board/NCHRP, **11738**

✧ Cost Effective Practices for Off-System and Local Interest Bridges, 2004, Highway Research Board, NCHRP, **11737**

✧ Integral Steel Box-Beam Pier Caps, 2004, Transportation Research Board/NCHRP, **11752**

✧ Thermally Sprayed Metal Coatings to Protect Steel Pilings: Final Report and Guide, 2004, NCHRP/TRB, **11742**

Traffic/ Safety

✧ Design of Single Point Urban Interchanges, 2004, Missouri Department of Transportation, **A04-219**

✧ Highway Safety, (Maintenance), 2004, Transportation Research Board, **11755**

✧ Integration of Detector Data, Archive Information, and Simulation for Reliable Estimation of Travel Time During Non-recurrent Congestion, 2004, Maryland State Highway Administration Research Division, **A04-220**

✧ Measuring and Communicating the Effects of Traffic Incident Management Improvements, Research Results Digest #289, 2004, NCHRP, **11862**

✧ Safety and Design Improvements at Rural Expressway Median Crossovers-Phase II, 2004, Missouri Department of Transportation, **A04-224**

✧ Safety Considerations for Nighttime and Weekend Construction Activities, 2004, South Carolina Department of Transportation, **A04-227**

✧ Statewide Traffic Safety Study: Phase 1, 2004, Louisiana Department of Transportation, **A04-226**

✧ Traffic Control Devices, Visibility, and Rail Highway Grade Crossings, 2004, Transportation Research Board, **11736**

✧ Traffic Signal Pole Research, 2004, Wyoming Department of Transportation/FHWA, **A04-217**

- ✧ What is the Effect of Driver Education Programs on Traffic Crash and Violation Rates, Final Report, 2004, Arizona Department of Transportation, 11759

Reference Books

- ✧ **New!** Asphalt, The Magazine of the Asphalt Institute, Fall 2004, **11814**
- ✧ Civil Engineering, January-October 2004, American Society of Civil Engineers, **11843-11852**
- ✧ Insight and Analysis for Homeland Security Policymakers, 2004, HS Today, **11816**
- ✧ **New!** Nature, Magazine, July 2002-July 2004
- ✧ **New!** Progressive Railroading, Magazine, July-October 2004
- ✧ Rail, “Connecting Communities by Moving People”, Ninth Edition, Community Transportation Association of America, **11818**
- ✧ TRB’s 84th Annual Meeting Announcement/Meeting Registration/Hotel Reservations, Meeting Scheduled for January of 2005, Transportation Research Board, **11821**