

Recent Acquisitions of the Research Library



Acquisition List for April 2005

Materials/ Pavements

- ✧ A 2-D MASW Shear-Wave Velocity Profile Along a Test Segment of Interstate I-70, St. Louis, Missouri, 2005, Research Investigation Brief, Missouri Department of Transportation, **A05-36**
- ✧ Determination of the Optimum Base Characteristics for Pavements, 2004, Iowa Department of Transportation/Iowa State University, **12305**
- ✧ Diamond Grinding Newly Placed PCCP, 2005, Research Investigation Brief, Missouri Department of Transportation, **A05-31**
- ✧ Evaluation of Guidelines for Subgrade Treatments, 2005, Ohio Department of Transportation, **A05-39**
- ✧ Evaluation of Latex Polymers to Resist Stripping in Asphalt Pavements in Oregon, 2005, Oregon Department of Transportation, **12290**
- ✧ Evaluation of South Carolina Aggregate Durability Properties, 2005, South Carolina Department of Transportation, **A05-28**
- ✧ Field and Laboratory Assessment of Flowable Fill Performance in South Carolina, 2004, South Carolina Department of Transportation, **A05-38**
- ✧ MoDOT Application of Maturity Technology, 2003, Research Investigation Brief, Missouri Department of Transportation, **A05-33**
- ✧ Refinement of Measurement Techniques of Road Profile and International Roughness Index (IRI) to Support the KDOT Pavement Management System (PMS) Annual Road-Condition Survey Research, 2005, Kansas Department of Transportation, **A05-29**

- ❏ Stringless Portland Cement Concrete Paving, 2004, Iowa Department of Transportation, **12304**

Planning/ Research/ Program Development

- ❏ 2004 Annual Report/Louisiana Transportation Research Center, 2005, Louisiana Transportation Research Center, **12344**
- ❏ Approximation of the Economic Impacts of the Kansas Comprehensive Transportation Program, 2004, Kansas Department of Transportation, **A05-41**
- ❏ Fiscal Year 2004 Performance Report, 2004, FHWA/US DOT, **12341**
- ❏ From Handshake to Compact: Guidance to Foster Collaborative, Multimodal Decision Making, 2005, TRB, NCHRP, TCRP Report 106-12286, NCHRP 536-12287
- ❏ Highway Statistics 2003, 2004, U.S. Department of Transportation, **12295**
- ❏ Integration, Status, and Potential of Environmental Justice and the Social Impact Assessment Process in Transportation Development in Missouri, 2004, Research Investigation Brief, Missouri Department of Transportation, **A05-32**
- ❏ Parking Prices & Fees, TCRP Report 95, 2005, Transportation Research Board, **12307**

Structures

- ❏ Evaluation of FRP Repair Method for Cracked Bridge Members, 2005, Missouri Department of Transportation, **A05-37**
- ❏ Fatigue and Shear Behavior of HPC Bulb-Tee Girders, 2005, Louisiana Transportation Research Center, **12374**
- ❏ Performance Investigation of a Fiber Reinforced Composite Honeycomb Deck for Bridge Applications, 2004, Kansas Department of Transportation, **A05-40**
- ❏ Preservation of Missouri Transportation Infrastructure-Validation of FRP Composite Technology Through Field Testing, 2005, Research Investigation Brief, Missouri Department of Transportation, **A05-34**
- ❏ Wind Induced Vibration of Stay Cables, 2005, Research Investigation Brief, Missouri Department of Transportation, **A05-35**

Traffic/ Safety

- ❏ Centerline Rumble Strips, NCHRP Synthesis 339, Highway Research Board, **12308**
- ❏ Development of Multiple Growth Strategies for Use In Developing Traffic Forecasts: A Robustness Approach, 2005, Kansas Department of Transportation, **A05-30**

- ✧ Emergency Response Procedures for Natural Gas Transit Vehicles, 2005, TCRP-Federal Transit Administration, **12306**
- ✧ Operational Differences and Similarities Among the Motorcoach, School Bus, and Trucking Industries, Commercial Truck and Bus Safety-Synthesis 6, 2005, TRB, **12375**
- ✧ Safety Consequences of Flexibility in Highway Design for Rural Communities, 2004, NCHRP, TRB, NRC, **12289**
- ✧ Traffic Data Collection, Analysis, and Forecasting for Mechanistic Pavement Design, 2005, Transportation Research Board, **12309**

Newsletters

- ✧ Concrete Matters-American Concrete Pavement Association, Winter 2004, **N05-25**
- ✧ Ignition-TRB's IDEA Program, Winter 2005, **N05-23**
- ✧ Minnesota Department of Transportation, March 2005, **N05-21**
- ✧ New Jersey Department of Transportation, March 2005, **N05-22**
- ✧ SDWA/Safe Drinking Water Act-HDR, February 2005, **N05-27**
- ✧ Tech Transfer-University of California Berkeley, Winter 2005, **N05-26**
- ✧ Transactions-Metropolitan Transportation Commission, January/February 2005, **N05-24**