



# Research Library Acquisition List October 2008

## **Aviation**

- ✧ Aircraft and Airport-Related Hazardous Air Pollutants: Research Needs and Analysis, ACRP Number 7, 2008, TRB, **14496**
- ✧ Analysis of Aircraft Overruns and Undershoots for Runway Safety Areas, ACRP Report 3, 2008, TRB, **14492**
- ✧ Ground Access to Major Airports by Public Transportation, ACRP Number 4, 2008, TRB, **14493**
- ✧ Research Needs Associated with Particulate Emissions at Airports, ACRP Number 6, 2008, TRB, **14495**

## **Construction/Design**

- ✧ Evaluation of the Use and Effectiveness of Wildlife Crossings, NCHRP 615, 2008, TRB, **14517**
- ✧ FHWA Road Tunnel Design Guidelines- ASC, Inc., 2004, FHWA, **14506**
- ✧ Quality Assurance in Design-Build Project, 2008, NCHRP Synthesis 376, TRB, **14491**
- ✧ Selection and Evaluation of Alternative Contracting Methods to Accelerate Project Completion, NCHRP Synthesis 379, TRB, **14531**

## **Hydraulics/Environmental**

- ✧ Estimating Flow-Duration and Low-Flow Frequency Statistics for Unregulated Streams in Oregon, 2008, Oregon Department of Transportation, **14507**

## **Maintenance**

- ✧ Infrastructure Maintenance, TRR 2044, 2008, TRB, **14513**

## **Materials/Pavements**

- ✧ Development of Mix Design Procedures for Gap-Graded Asphalt-Rubber Asphalt Concrete, 2007, Arizona Department of Transportation, **14537**
- ✧ Development of Performance Related Specifications for Asphalt Pavements in the State of Arizona, 2008, Arizona Department of Transportation, **14536**
- ✧ Development of Rational Pay Factors Based on Concrete Compressive Strength Data, 2008, Arizona Department of Transportation, **14502**
- ✧ Falling Weight Deflectometer Usage, NCHRP Synthesis 381, 2008, TRB, **14533**
- ✧ Pavement Markings State-of-the-Practice Study, 2008, Pennsylvania Department of Transportation, **14498**
- ✧ Soil Mechanics, TRR 2045, 2008, TRB, **14521**
- ✧ Transfer, Development, and Splice Length for Strand Reinforcement in High-Strength Concrete, NCHRP 603, 2008, TRB, **14519**

## **Planning/Research/Program Development**

- ✧ Cost/Benefit Analysis of Electronic License Plates, 2008, Arizona Department of Transportation, **14534**
- ✧ Effectiveness of Oregon's Teen Licensing Program, 2008, Oregon Department of Transportation, **14500**
- ✧ Digital Signature Feasibility Study, 2008, Arizona Department of Transportation, **14535**
- ✧ Evaluation of the City of Scottsdale Loop 101 Photo Enhancement Demonstration, 2007, Arizona Department of Transportation, **14501**

- ✧ LTRC Annual Research Program-Part II SPR Work Program, 2008, Louisiana Transportation Research Center, **14508**
- ✧ Multimodal Level of Service Analysis for Urban Streets, NCHRP 616, 2008, TRB, **14514**
- ✧ Performance Measurement, Demand Management, and Issues of Major US Cities, TRR 2046, 2008, TRB, **14520**
- ✧ Quarantine Facilities for Arriving Travelers: Identification of Planning Needs and Costs, ACRP Number 5, 2008, TRB, **14494**
- ✧ Railways, TRR 2043, 2008, TRB, **14512**
- ✧ Should State DOT's Prefer Bicycle Lanes or Wide Curb Lanes?, 2008, Arizona Department of Transportation, **14503**
- ✧ State Highway Cost Allocation Studies, NCHRP Synthesis 378, TRB, **14530**
- ✧ Transit/Intermodal Facilities and Capacity; Light Rail, Commuter Rail, and Rail Transit; and Major Activity Center Circulation Systems, TRR 2042, 2008, TRB, **14511**

### **Structures**

- ✧ Assessing the Needs for Intermediate Diaphragms in Prestressed Concrete Bridges, 2008, Louisiana Department of Transportation, **14505**
- ✧ Capacity of Aging Bent Caps, October 2008, Research Notes, Oregon Department of Transportation, **A08-45**

### **Traffic Safety**

- ✧ Applications of Illuminated, Active, In-Pavement Marker System, NCHRP Synthesis 380, 2008, TRB, **14532**
- ✧ Pavement Markings State-of-the-Practice Study, 2008, Pennsylvania Department of Transportation, **14498**
- ✧ Portable Sign Crash Test, 2007, Pennsylvania Department of Transportation, **14499**
- ✧ Safety Data and Analysis in Developing Emphasis Area Plans, NCHRP 500 Volume 21, 2008, TRB, **14522**

- ⊠ Safety Research on Highway Infrastructure and Operations/Improving Priorities, Coordination, and Quality, Special Report 292, 2008, TRB, **14509**
- ⊠ Using Spatial Tools to Analyze Crash and Roadway Data, 2008, Pennsylvania Department of Transportation, **14497**

### **New Magazines**

- ⊠ Planning Magazine, 2008, American Planning Association, one yr. subscription.
- ⊠ Right of Way Magazine - For the Right of Way Professional, 2008, International Right of Way Association, one yr. subscription.

### **Reference Books**

- ⊠ Civil Engineering Reference Manual for the PE Exam, 2008, 11<sup>th</sup> Edition, Lindeburg, **14528**
- ⊠ Civil Engineering Survey Review for the California PE Exam, 2008, 3<sup>rd</sup> Edition, Kaplan, **14525**
- ⊠ From Average To Awesome – Lessons For Living an Extraordinary Life, 2008, Smith, Jim Jr., **14529** (for Leadership Academy Training)
- ⊠ Introduction to GPS – The Global Positioning System, 2006, Artech House, **14523**
- ⊠ MasterFormat 2004 Edition – Master Lists of Numbers and Titles for the Construction Industry, 2005, CSI, **14527**
- ⊠ Seismic Principles Practice Exams for the California Special Civil Engineer Examination, 2008, PPI, **14524**
- ⊠ Surveying Solved Problems for the FS and PS Exams, 2008, P.P.I., Inc., **14510**
- ⊠ The World Factbook 2007, 2008, Central Intelligence Agency, **14526**