

Recent Acquisitions Bulletin

January, 2007

Volume 36 – No. 7

AIR FARES:

AIRFARES TO SMALL AND MEDIUM SIZED COMMUNITIES, John Bitzan and Junwook Chi; North Dakota State University. UGPTI Department Publication No. 156. 2004, 48p.
TA1/UGPTI/156

ALKALI-SILICA:

INTERIM RECOMMENDATIONS FOR THE USE OF LITHIUM TO MITIGATE OR PREVENT ALKALI-SILICA REACTION (ASR), Kevin J. Folliard and others; The Transtec Group, Inc. Report No. FHWA-HRT-06-073. 2006, 94p.
TE5091/Un8r/FHWA-HRT/06-073

ASPHALT:

DESIGN OF A HIGH-BINDER-HIGH-MODULUS ASPHALT MIXTURE, G.W. Maupin, Jr., and Brian K. Diefenderfer; Virginia Transportation Research Council. Report No. VTRC 07-R15. 2006, 28p.
TA1/V81r/07-R15

BIODIESEL:

EVALUATION OF BIODIESEL FUEL: LITERATURE REVIEW, Christopher Strong, Charlie Erickson and Deepak Shukla; Montana State University. Report No. FHWA/MT-04-001/8117-20. 2004, 70p.
TE716/M76r/04-001

DEFLECTOMETERS:

LONG-TERM PAVEMENT PERFORMANCE PROGRAM FALLING WEIGHT DEFLECTOMETER MAINTENANCE MANUAL, Robin Belt, Tyler Morrison, and Eric Weaver; Fugro Consultants, LP. 2006, 88p.
TE5091/Un8r/FHWA-HRT/05-153

DRAINAGE:

CONSTRUCTION OF PAVEMENT SUBSURFACE DRAINAGE SYSTEMS (REFERENCE MANUAL), Office of Pavement Technology/ Federal Highway Administration/ Department of Transportation. 2002, 93p.
TE5091/Un8r/FHWA-IF/01-014

DRILLED SHAFTS:

DESIGN OF ROCK-SOCKETED DRILLED SHAFTS, Jamal Nusairat; E.L. Robinson. Report No. FHWA/OH-2006/21. 2006, 398p.
TE716/Oh3r/FHWA-OH/06-21

ENVIRONMENTAL DOCUMENTS:

IMPROVING THE QUALITY OF ENVIRONMENTAL DOCUMENTS: A REPORT OF THE JOINT AASHTO/ACEC COMMITTEE IN COOPERATION WITH THE FEDERAL HIGHWAY ADMINISTRATION, American Association of State Highway and Transportation Officials. 2006, 35p. TD194.5/I46/2006

511:

FORMULATE APPROACH FOR 511 IMPLEMENTATION IN NEW ENGLAND, Dr. Paul Shuldiner, Gregg Loane, and Randy Knapick; University of Massachusetts. Report No. NETCR 44. 2005, 52p. TA1/NETCR/44

FUEL ECONOMY:

FUEL ECONOMY GUIDE: MODEL YEAR 2007, U.S. Department of Energy. 2007, 21p. TEA252/Un3g/2007

GIS:

USE OF A GIS-BASED MODEL OF HABITAT CORES AND LANDSCAPE CORRIDORS FOR THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S PROJECT PLANNING AND ENVIRONMENTAL SCOPING, Bridget M. Donaldson and Joseph T. Weber; Virginia Transportation Research Council. Report No. FHWA/VTRC 07-R14. 2006, 25p. TA1/V81r/07-R14

INTERSTATE HIGHWAYS:

THE INTERSTATE'S 50TH ANNIVERSARY: WHERE DO WE GO FROM HERE? American Association of State Highway and Transportation Officials. 2006, 62p. + DVD. HE355/.A5/C464/2006

MARIA PEARSON:

STILL RUNNING: A TRIBUTE TO MARIA PEARSON, YANKTON SIOUX, Edited by David Mayer Gradwohl, Joe B. Thompson, and Michael J. Perry. A Special Commemorative Issue of the Journal of the Iowa Archeological Society, Volume 52, Number 1. 2006, 91p. F623/I6/2005

METAL FORMS:

EVALUATION OF STAY-IN-PLACE METAL FORMS, Douglas Nims and Nabil Grace; University of Toledo. Report No. FHWA/OH/2006/13. 2006, 544p. TE716/Oh3r/FHWA-OH/06-13

MICROSOFT OUTLOOK:

TAKE BACK YOUR LIFE: USING MICROSOFT OUTLOOK TO GET ORGANIZED AND STAY ORGANIZED, Sally McGhee; Microsoft Press. 2005, 260p.
HD69/.T54/M412/2005

OVERLAYS:

APPLICABILITY OF ASPHALT CONCRETE OVERLAYS ON CONTINUOUSLY REINFORCED CONCRETE PAVEMENTS, Manuel Trevino and others; University of Texas. Report No. FHWA/TX-05/0-4398-1. March 2003, Revised March 2004, 86p.
TA1/C33r/4398-1

TECHNIQUES AND PROCEDURES FOR BONDED CONCRETE OVERLAYS, Manuel Trevino, B. Frank McCullough, and David W. Fowler; University of Texas. Report No. FHWA/TX-05/0-4398-2. April 2003, Revised February 2004, 226p.
TA1/C33r/4398-2

PAVEMENT MAINTENANCE:

FINALIZATION OF GUIDELINES FOR MAINTENANCE TREATMENTS OF PAVEMENT DISTRESS, Stephen Sebesta; Texas A&M University. Report No. FHWA/TX-05/0-4395-2. 2004, 46p.
TA1/T31r/4395-2

PAVEMENT NOISE:

EVALUATION OF U.S. AND EUROPEAN CONCRETE PAVEMENT NOISE REDUCTION METHODS, E. Thomas Cackler and others; National Concrete Pavement Technology Center, Iowa State University. 2006, 96p.
TA1/NCPTC/06-02

SAFETY:

IDENTIFICATION OF CORE FUNCTIONS AND DEVELOPMENT OF A DEPLOYMENT PLANNING TOOL FOR SAFETY SERVICE PATROLS IN VIRGINIA, Praveen K. Edara and Lance E. Dougald; Virginia Transportation Research Council. Report No. VTRC 07-R17. 2006, 36p.
TA1/V81r/07-R17

SNOW FENCES:

LIVING SNOW FENCES, Wilfrid A. Nixon, Megan Davison, and George Kochumman; University of Iowa. Iowa Highway Research Board Project TR 460. 2006, 32p.
TA1/Io9r/IIHR/460

SOILS:

INVESTIGATION OF MAINTENANCE BASE REPAIRS OVER EXPANSIVE SOILS: YEAR 1 REPORT, Stephen Sebesta; Texas A&M University. Report No. FHWA/TX-03/0-4395-1. 2002, 122p.
TA1/T31r/4395-1

TRAFFIC MONITORING:

PROBE SAMPLING STRATEGIES FOR TRAFFIC MONITORING SYSTEMS BASED ON WIRELESS LOCATION TECHNOLOGY, Michael D. Fontaine, Anjani P. Yakkala, and Brian L. Smith; Virginia Transportation Research Council. Report No. FHWA/VTRC 07-CR12. 2007, 57p. TA1/V81r/07-CR12

TRUCKS:

EVALUATION OF TRUCK LANE RESTRICTIONS IN VIRGINIA, Michael D. Fontaine and Kristen Torrance; Virginia Transportation Research Council. Report No. VTRC 07-CR11. 2004 to 2006, 45p. TA1/V81r/07-CR11

WARRANTIES:

THE EVALUATION OF WARRANTY PROVISION ON ODOT CONSTRUCTION PROJECTS, Dr. Makarand Hastak and others; University of Cincinnati. Report No. FHWA/OH-2003/019, 2003, 221p. TA1/C49r/03-019

WINTER MAINTENANCE:

AN INTEGRATED SYSTEMS APPROACH TO THE DEVELOPMENT OF WINTER MAINTENANCE/MANAGEMENT SYSTEMS, James S. Noble and others; Midwest Transportation Consortium. MTC Project 2005-03. 2006, 88p. TA1/MTC/05-03

AMERICAN CONCRETE INSTITUTE PUBLICATIONS:

- | | |
|----------------------|---|
| ACI 222.3R-03 | Design and Construction Practices to Mitigate Corrosion of Reinforcement in Concrete Structures |
| ACI 330.1-03 | Specification for Unreinforced Concrete Parking Lots |
| ACI 440.1R-03 | Guide for the Design and Construction of Concrete Reinforced With FRP Bars |

TRANSPORTATION RESEARCH BOARD PUBLICATIONS:

COMMERCIAL TRUCK & BUS SAFETY SYNTHESIS PROGRAM RESEARCH RESULTS DIGEST:

- (5) Commercial Truck and Bus Safety Synthesis Program: A Status Report

NCHRP REPORT

(565) Evaluation of Best Management Practices for Highway Runoff Control

NCHRP RESEARCH RESULTS DIGEST

(311) FMCSA Regulations As They Apply to FTA Section 5310/5311 Providers: A Handbook

NCHRP Summary of Progress

(2006) 2006 Marks the 50th Anniversary of the Interstate Highway System

NCHRP SYNTHESIS

(362) Training Programs, Processes, Policies, and Practices

TCRP REPORT

(115) Smartcard Interoperability Issues for the Transit Industry

TCRP SYNTHESIS

(68) Methods of Rider Communication

TRANSPORTATION RESEARCH RECORD

(1964) Network Modeling 2006

(1967) Geology and Properties of Earth Materials 2006

(1970) Bituminous Paving Mixtures 2006

(1971) Transit: Bus, Paratransit, and Marketing and Fare Policy

(1973) Traffic Control Devices, Visibility, and Rail-Highway Grade Crossings 2006

(1975) Soil Mechanics 2006

(1978) Traffic Signal Systems and Regional Systems Management 2006

(1979) Concrete Materials 2006

(1980) Driver Behavior, Older Drivers, Simulation, User Information Systems, and Visualization

(1981) Planning and Analysis 2006

(1984) Highway Facility Design 2006

(1988) Highway Capacity and Quality of Service 2006