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January - February
2010

USEFUL WEBSITES & ELECTRONIC RESOURCES:

- TRIS Database: <http://tris.trb.org/>
TRIS is now available through the Transportation Research Board. TRISOnline no longer exists. TRIS is one of the largest databases of published transportation research. It is updated continuously and includes many full-text links.
- Rural Highway Safety Clearinghouse:
<http://www.ruralsafety.umn.edu/clearinghouse/index.html>
- KTC Technology Transfer Program Library services, online video catalog, and information: <http://www.kyt2.com/library.htm>
- KTC Research Reports: For electronic versions of recent KTC research reports, see: http://www.ktc.uky.edu/Reports%20Pubished%20Recently_Section.htm



www.kyt2.com

Kentucky Transportation Center, Technology Transfer Program - Library E-News, January - February 2010



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New Materials



Aviation:

TL725.A1A3 no.15

Aircraft Noise: A Toolkit for Managing Community Expectations
2009

HE9797.5.U5A3 2009

Annual Report of Progress 2009
2009

TL725.A1A3 no.29

Developing Improved Civil Aircraft Arresting Systems
2009

TL725.A1A3 no.26

Guidebook for Conducting Airport User Surveys
2009



TL725.A1A3 no.24

Guidebook for Evaluating Airport Parking Strategies and Supporting Technology
2009

TL725.A1A3 no.20

Strategic Planning in the Airport Industry
2009

Design:

TE7.H5 no.2120

Highway Design 2009
2009

Directory:

REF TE12.A44 2009

ARTBA Membership Directory & Buyer's Guide
2009

Environmental:

FHWA-EP-03-059

Domestic Scan: Environmental Commitment Implementation: Innovative and
Successful Approaches
2003

TE7.H5 no.2139

Energy and Global Climate Change 2009
2009

TE7.H5 no.2123

Environment 2009
2009

TE7.S9 no.400

New Approaches to Ecological Surveys
2009

QK124.M55 2006

Nonnative Invasive Plants of Southern Forests: A Field Guide for Identification &
Control
2006

EPA-841-F-07-006

Reducing Stormwater Costs through Low Impact Development (LID) Strategies
and Practices
2007



Erosion:

S624.K4T6 2009

Best Management Practices (BMPs) for Controlling Erosion, Sediment, and
Pollutant Runoff from Construction Sites

2009

S624.K46T6 2009

Kentucky Erosion Prevention and Sediment Control Field Guide

2009

Freight:

TE7.S6 no.297

Funding Options for Freight Transportation Projects

2009

TA1001.5.H3 no.1

Hazardous Materials Transportation Incident Data for Root Cause Analysis

2009

TA1001.5.N3 no.2

Institutional Arrangements for Freight Transportation Systems

2009

Geotechnology:

TN269.B86 2006

Introduction to Applied Geophysics: Exploring the Shallow Subsurface

2006



TE7.H5 no.2116

Soil Mechanics 2009

2009

QC806.L48 1999

Whole Earth Geophysics: An Introductory Textbook for Geologists &
Geophysicists
1999

Intelligent Transportation Systems:

TE7.H5 no.2129

Intelligent Transportation Systems and Vehicle-Highway Automation 2009
2009

Maintenance:

TE220.5.S66 2007

Snowfighter's Handbook: A Practical Guide for Snow and Ice Control
2007



Materials:

TE7.H5 no.2126

Bituminous Materials and Mixtures 2009 Volume 1
2009

TE7.H5 no.2113

Concrete Materials 2009
2009

FHWA-HRT-08-073

Development of a Multiaxial Viscoelastoplastic Continuum Damage Model for
Asphalt Mixtures
2009

TD870.S24 2006

Salt Storage Handbook: A Practical Guide for Storing and Handling Deicing Salt
2006

Pavements:

TE7.H5 no.2095 Vol.3

Pavement Management 2009 Volume 3

2009

TE7.S9 no.401

Quality Management of Pavement Condition Data Collection

2009

Planning:

TE7.H5 no.2119

Planning 2009

2009

TE7.H5 no.2132

Travel Demand Forecasting 2009 Volume 1

2009

Railways:

TE7.H5 no.2117

Railways 2009

2009

Research:

TA 1145.S9 2009

Summary of Progress 2009

2009

TE7.H5 no.2136

Statistical methods 2009

2009

Roads:

TE7.H5 no.2130

Highway Capacity and Quality of Service 2009

2009





TE7.N25 no.633

Impact of Shoulder Width and Median Width on Safety

2009

Safety:

TE7.H5 no.2137

Safety 2009: Security; Emergencies; Management; and School Transportation

2009

Structures:

TE7.S9 no.396

Monitoring Scour Critical Bridges

2009

TE7.H5 no.2131

Structures 2009

2009

Traffic Engineering:

TE7.H5 no.2122

Traffic Control Devices, Visibility, and Highway-Rail Guide Crossings 2009

2009

TE7.H5 no.2124

Traffic Flow Theory, Characteristics, and Simulations Models 2009

2009

TE7.H5 no.2128

Traffic Signal Systems 2009

2009



Transit:

HE308.T73 2009

Annual Report of Progress 2009

2009

HE202.5.T73 no.132

Assessment of Hybrid-Electric Transit Bus Technology

2009

HE202.5.T73 no.136

Guidebook for Rural Demand-Response Transportation: Measuring, Assessing,
and Improving Performance

2009

HE202.5.T73 no.137

Improving Pedestrian and Motorist Safety Along Light Rail Alignments

2009

HE202.5.T73 no.71 Vol. 7

Track-Related Research Volume 7: Guidelines for Guard/Restraining Rail Installation

2010

TE7.H5 no.2110

Transit 2009 Volume 1

2009

TE7.H5 no.2111

Transit 2009 Volume 2

2009

TE7.H5 no.2112

Transit 2009 Volume 3

2009

Transportation:

AV-CD387

89th TRB Annual Meeting Compendium of Papers DVD

2010

TE7.H5 no.2118

Behavioral and Social Factors

2009

TE7.H5 no.2121

Data Systems and Travel Survey Methods 2009

2009

TE7.N25 no.644

Guidelines for Conducting a Disparity and Availability Study for the Federal DBE Program

2010

TE7.N25 no.643

Implementing Transportation Knowledge Networks

2009

HE196.5.T73 2009

Transportation: Bottom Line

2009

REF HE191.4.T73 2008

Transportation Statistics Annual Report 2008

2008

TE7.H5 no.2134

Travel Behavior 2009 Volume 1

2009

TE7.H5 no.2135

Travel Behavior 2009 Volume 2

2009

TE7.H5 no.2133

Travel Demand Forecasting 2009 Volume 2

2009

HE203.G54 2010

Unspeakable Truths: Is Transforming Transportation a Key to Solving America's
Economic Crisis?

2010

Trucking:

CFIRE-01-02

Statistical Analysis of Heavy Truck Loads Using Wisconsin Weigh-In-Motion Data

2009

Work Zones:

FHWA-HOP-08-029

Traffic Analysis Toolbox Volume VIII: Work Zone Modeling and Simulation –
A Guide for Decision-Makers

2008

