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Technology Transfer Program

**KENTUCKY
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January - February
2014

USEFUL WEBSITES AND ELECTRONIC RESOURCES:

- DOT FHWA Road Weather Management:
<http://ops.fhwa.dot.gov/Weather/index.asp>
- DOT Intelligent Transportation Systems (ITS) Knowledge Exchange:
<http://www.pcb.its.dot.gov/knowledge.aspx>
- *Roadway Safety Guide: A Primer for Community Leaders*. Roadway Safety Foundation, 2014. <http://www.e-digitaleditions.com/i/271708>
- KTC Technology Transfer Program Library services, online video catalog, and information: <http://www.kyt2.com/library>
- KTC Research Reports: For electronic versions of KTC research reports, see: <http://www.ktc.uky.edu/publications/reports/>

NEW MATERIALS:

Aviation:

HE9797.5.U5A3 2013

ACRP Annual Report of Progress 2013

Transportation Research Board; 2013

TL725.A1A3 no.96

Apron Planning and Design Guidebook

Transportation Research Board; 2013



Contact the Library to borrow these and other materials: 800-432-0719
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TL725.A1A3 no.102

Guidance for Estimating Airport Construction Emissions
Transportation Research Board; 2014

TL725.A1A3 no.99

Guidance for Treatment of Airport Stormwater Containing Deicers
Transportation Research Board; 2013

TL725.A1A3 no.88

Guidebook on Integrating GIS in Emergency Management at Airports
Transportation Research Board; 2013

TL725.A1A3 no.92

Guidebook to Creating a Collaborative Environment Between Airport Operations
and Maintenance
Transportation Research Board; 2013

TL725.A1A3 no.89

Guidelines for Airport Sound Insulation Programs
Transportation Research Board; 2013

TL725.A1A3 no.105

Guidelines for Ensuring Longevity in Airport Sound Insulation Programs
Transportation Research Board; 2014

TL725.A1A3 no.91

Infectious Disease Mitigation in Airports and on Aircraft
Transportation Research Board; 2013

TL725.A1A3 no.95

Integrating Community Emergency Response Teams (A-CERTs) at Airports
Transportation Research Board; 2013

TL725.A1A3 no.94

Integrating Web-Based Emergency Management Collaboration Tools into Air-
port Operations – A Primer
Transportation Research Board; 2013

TL725.A1A3 no.97

Measuring PM Emissions from Aircraft Auxiliary Power Units, Tires, and Brakes
Transportation Research Board; 2013

TL725.A1A3 no.100

Recycling Best Practices – A Guidebook for Advancing Recycling from Aircraft
Cabins
Transportation Research Board; 2014

TL725.A1A3 no.98

Understanding Airline and Passenger Choice in Multi-Airport Regions
Transportation Research Board; 2013

Construction:

Internet (KTC-13-15)

Tools for Applying Constructability Concepts to Project Development (Design)
Kentucky Transportation Center; University of Kentucky; 2013

Internet (KTC-13-22)

Updating the Kentucky Contract Time Determination System
Kentucky Transportation Center; University of Kentucky; 2013

Environment:

TE7.H5 no.2385

Alternative Fuels and Technologies 2013
Transportation Research Board; 2013

TE7.H5 no.2375

Energy and Global Climate Change 2013
Transportation Research Board; 2013

TL725.A1A4 no.43

Environmental Assessment of Air and High-Speed Rail Corridors
Transportation Research Board; 2013

Freight:

TE1.C58 2013

City Logistics Research: A Transatlantic Perspective: Summary of the First EU-
U.S. Transportation Research Symposium
Transportation Research Board; 2013

Geotechnology:

TE7.S9 no.445

Practices for Unbound Aggregate Pavement Layers
Transportation Research Board; 2013

Intelligent Transportation Systems:

Internet (KTC-13-21)

Kentucky's PRISM-Based Automated Ramp Screening System Evaluation
Kentucky Transportation Center; University of Kentucky; 2013

Maintenance:

AV-VD100

Best Practices: Snow and Ice Control, Winter Formula. Vol.5

Ohio Dept. of Transportation; 2013

TE7.H5 no.2337

Maintenance Services 2013

Transportation Research Board; 2013

Management:

Internet (KTC-13-19)

Workforce Assessment of the Inland Waterways Industry: A Survey of Current and Future Training and Personnel Needs

Kentucky Transportation Center; University of Kentucky; 2013

Marine Transportation:

HE745.N37 2008

National Strategy for the Marine Transportation System: A Framework for Action
DOT; 2008

Materials:

TE7.H5 no.2371

Asphalt Materials and Mixtures 2013 Volume 2

Transportation Research Board; 2013

TE7.H5 no.2372

Asphalt Materials and Mixtures 2013 Volume 3

Transportation Research Board; 2013

FHWA-TX-13-0-4562-5F

Corrosion Resistance Recommendations from Long-Term Exposure Testing of Post-Tensioning Systems

Texas Dept. of Transportation; 2013

TL725.A1A3 no.99S

Deicer Treatment Technologies

Transportation Research Board; 2013

Pavements:

TE7.N25 no.762

Laboratory Validation of an Endurance Limit for Asphalt Pavements

Transportation Research Board; 2013

Internet (KTC-13-24)

Pavement Evaluation of the Concrete Tie-bars and Dowel Baskets on Irvin Cobb Drive, US 60, McCracken County, KY

Kentucky Transportation Center; University of Kentucky; 2013

TE7.H5 no.2367

Pavement Management 2013 Volume 2

Transportation Research Board; 2013

Planning:

HE5736.G38 2013

Bike-Share Planning Guide

Institute for Transportation & Development Policy; 2013

FHWA-HOP-13-044

Making the Connection: Advancing Traffic Incident Management in Transportation Planning. A Primer

DOT FHWA; 2013

TE7.H5 no.2334

Network Modeling 2013 Volume 2

Transportation Research Board; 2013

TE7.N25 no.758

Trip Generation Rates for Transportation Impact Analyses of Infill Developments

Transportation Research Board; 2013

Railroads:

TE7.H5 no.2374

Railroads 2013

Transportation Research Board; 2013

Research:

TA1145.S9 2013

Summary of Progress 2013

Transportation Research Board; 2013

Roads:

TE7.H5 no.2377

Roadside Safety Design 2013

Transportation Research Board; 2013

Safety:

Internet (KTC-13-13)

Analysis of Traffic Crash Data in Kentucky (2008-2012)

Kentucky Transportation Center; University of Kentucky; 2013

Structures:

Internet (KTC-12-15)

Fluorescing Coatings for Improved Inspection During Bridge Maintenance Painting

Kentucky Transportation Center; University of Kentucky; 2012

TG335.G85 2012

Guide Specifications for Design of Bonded FRP Systems for Repair and Strengthening of Concrete Bridge Elements

AASHTO; 2014

Internet (KTC-12-16)

New Coatings for Bridges (Over-Coat Systems)

Kentucky Transportation Center; University of Kentucky; 2013

Internet (KTC-13-09)

Utilization of Mobile LiDAR to Verify Bridge Clearance Heights on the Western Kentucky Parkway

Kentucky Transportation Center; University of Kentucky; 2013

Traffic Engineering:

Internet (KTC-13-12)

2013 Driver Attitudes and Awareness Survey

Kentucky Transportation Center; University of Kentucky; 2014

TE7.H5 no.2376

Emergency Evacuation and System Vulnerabilities 2013

Transportation Research Board; 2013

Internet (KTC-13-14)

Transition Zone Design

Kentucky Transportation Center; University of Kentucky; 2014

Transit:

Internet (KTC-14-01)

Intercounty Commuter Public Transit Services and Opportunities in the Central Bluegrass

Kentucky Transportation Center; University of Kentucky; 2014

Internet (KTC-13-18)

Overview of U.S. Commuter Rail

Kentucky Transportation Center; University of Kentucky; 2013

TE7.H5 no.2350

Transit 2013 Volume 1

Transportation Research Board; 2013

Transportation:

Internet (KTC-12-19)

Development of Performance Measures and Revenue Projections for State Highway Transportation Systems

Kentucky Transportation Center; University of Kentucky; 2012

TE7.N25 no.750

Strategic Issues Facing Transportation. Vol. 3, Expediting Future Technologies for Enhancing Transportation System Performance

Transportation Research Board; 2013

REF G3701.P1 2013 T7

Transportation Infrastructure of the United States

DOT Bureau of Transportation Statistics; DOT RITA; 2013

LB2864.T66 2004

Transportation & Sustainable Campus Communities: Issues, Examples, Solutions

Island Press; 2004

Travel:

SHRP2-L11-RR-1

Evaluating Alternative Operations Strategies to Improve Travel Time Reliability
Transportation Research Board; 2013

TE7.H5 no.2382

Travel Behavior 2013 Volume 1

Transportation Research Board; 2013

TE7.H5 no.2383

Travel Behavior 2013 Volume 2

Transportation Research Board; 2013

Work Zones:

TE220.N54 2013

Nighttime Lighting Guidelines for Work Zones: A Guide for Developing a
Lighting Plan for Nighttime Work Zones

American Traffic Safety Services Assn., DOT FHWA; 2013