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Technology Transfer Program

**KENTUCKY
TRANSPORTATION CENTER**

NEWS TO USE

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Technology Transfer Program Library.

We'll be glad to help!



July/August
2014

USEFUL WEBSITES AND ELECTRONIC RESOURCES:

- DOT FHWA Pavement Preservation Checklist Series:
<http://www.fhwa.dot.gov/pavement/preservation/ppcl00.cfm>
- DOT FHWA LTAP/TTAP Build a Better Mousetrap (entries/ideas from past years):
<https://www.ltap.org/resources/mousetrap.php>
- DOT FHWA Livability Initiative: <http://www.fhwa.dot.gov/livability/index.cfm>
- DOT FHWA YouTube videos:
<http://www.youtube.com/user/USDOTFHWA/featured>
- OSHA Hazard Identification Training Tool:
<https://www.osha.gov/hazfinder/index.html>
- 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://uknowledge.uky.edu/ktc_researchreports/

NEW MATERIALS:

Aviation:

TL725.A1A4 no.57

Airport Response to Special Events

Transportation Research Board; 2014

TL725.A1A3 no.112

Airport Terminal Incident Response Planning

Transportation Research Board; 2014



Contact the Library to borrow these and other materials: 800-432-0719
Laura Wayne, Librarian, 859-257-2155, laura.wayne@uky.edu
Victoria Brock, Library Technician, 859-257-8267, victoria.brock@uky.edu



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www.kyt2.com

TL725.A1A4 no.55

Backcountry Airstrip Preservation
Transportation Research Board; 2014

TL725.A1A3 no.110

Evaluating Impacts of Sustainability Practices on Airport Operations and
Maintenance
Transportation Research Board; 2014

TL725A1A4 no.52

Habitat Management to Deter Wildlife at Airports
Transportation Research Board; 2014

TL725A1A3 no.109

Improving Terminal Design to Increase Revenue Generation Related to Customer
Satisfaction
Transportation Research Board; 2014

TE7.H5 no.2400

Public-Sector Aviation: Graduate Research Award Papers, 2012-2013
Transportation Research Board; 2014

TL725.A1A4 no.58

Safety Reporting Systems at Airports
Transportation Research Board; 2014

TL725.A1A4 no.56

Understanding the Value of Social Media at Airports for Customer Engagement
Transportation Research Board; 2014

Construction:

TE7.H5 no.2408

Construction 2014

Transportation Research Board; 2014

TE7.S9 no.462

Managing Longitudinal Utility Installations on Controlled Access Highway
Right-of-Way

Transportation Research Board; 2014

Environment:

TE7.H5 no.2403

Environment and Sustainability

Transportation Research Board; 2014

Freight:

TA1001.53.N3 no.29

Making Trucks Count: Innovative Strategies for Obtaining Comprehensive Truck
Activity Data

Transportation Research Board; 2014

TA1001.5.N3 no.30

Making U.S. Ports Resilient as Part of Extended Intermodal Supply Chains

Transportation Research Board; 2014

Geotechnology:

TE7.H5 no.2310

Soil Mechanics 2012

Transportation Research Board; 2012

Hydrology:

TE7.N25 no.778

Bridge Stormwater Runoff Analysis and Treatment Options
Transportation Research Board; 2014

Maintenance:

TE278.S45 2013

Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings,
Polymer Overlays, and Concrete Repair
International Concrete Repair Institute; 2013

Materials:

TE7.H5 no.1998

Bituminous and Nonbituminous Materials of Bituminous Paving Mixtures 2007
Transportation Research Board; 2007

TE7.H5 no.1970

Bituminous Paving Mixtures 2006
Transportation Research Board; 2006

TE7.H5 no.2001

Bituminous Paving Mixtures 2007
Transportation Research Board; 2007

TE7.H5 no.2020

Concrete Materials 2007
Transportation Research Board; 2007

TA462.Z45 2013

Corrosion of Fasteners in Wood Treated with Newer Wood Preservatives
U.S. Dept. of Agriculture Forest Service; 2013

TS820.K57 2013

Evaluating Naturally Durable Wood Species for Repair and Rehabilitation of Above-Ground Components

U.S. Dept. of Agriculture Forest Service; 2013

TE7.H5 no.2401

Geomaterials 2014

Transportation Research Board; 2014

TS820.Z45 2013

Guide for Materials Selection and Design for Metals Used in Contact with Copper-Treated Wood

U.S. Dept. of Agriculture Forest Service; 2013

Management:

SHRP2-R03-RR-2

Guide to Identifying and Reducing Workforce Fatigue in Rapid Renewal Projects

Transportation Research Board; 2014

Non-Motorized Transportation:

TE7.N25 no.766

Recommended Bicycle Lane Widths for Various Roadway Characteristics

Transportation Research Board; 2014

Pavements:

TE251.5.D76 1985

Operating Characteristics of the Wes 16 Kip Vibrator for the Nondestructive Testing of Pavements

University of Kentucky; 1985

TE7.S9 no.463

Pavement Patching Practices

Transportation Research Board; 2014

TE278.F53 2008

Testing Guide: for Implementing Concrete Paving Quality Control Procedures
Iowa State University, National Concrete Pavement Technology Center/Center
for Transportation Research and Education; 2008

SHRP2-R23-RR-1

Using Existing Pavement in Place and Achieving Long Life

Transportation Research Board; 2014

Planning:

TE7.N25 no.765

Analytical Travel Forecasting Approaches for Project-Level Planning and
Design

Transportation Research Board; 2014

TE7.N25 no.770

Estimating Bicycling and Walking for Planning and Project Development: A
Guidebook

Transportation Research Board; 2014

TE7.N25 no.777

Guide to Regional Transportation Planning for Disasters, Emergencies, and
Significant Events

Transportation Research Board; 2014

TE7.N25 no.750 Vol.6

Strategic Issues Facing Transportation Vol.6, The Effects of Socio-Demo-
graphics on Future Travel Demand

Transportation Research Board; 2014

TE7.S9 no.464

Thin Asphalt Concrete Overlays

Transportation Research Board; 2014

Railroads:

TA1001.5.N3 no.27

Web-Based Screening Tool for Shared-Use Rail Corridors

Transportation Research Board; 2014

Roads:

TE7.N25 no.772

Evaluating the Performance of Corridors with Roundabouts

Transportation Research Board; 2014

SHRP2-R07-RR-1

Performance Specifications for Rapid Highway Renewal

Transportation Research Board; 2014

HE336.R85R8 2014

Rural Connections: Challenges and Opportunities in America's Heartland

TRIP; 2014

Safety:

TE7.H5 no.2404

Truck and Bus Safety; Roundabouts 2014

Transportation Research Board; 2014

Structures:

TE7.N25 no.776

Bridge System Safety and Redundancy

Transportation Research Board; 2014

TG23.P43 2013

Covered Bridge Security Manual

U.S. Dept. of Agriculture Forest Service; 2013

TG23.K46 2011

Educational Guide on the History of Covered Bridges in the United States

U.S. Dept. of Agriculture Forest Service; 2011

SHRP2-R04-RR-1

Innovative Bridge Designs for Rapid Renewal

Transportation Research Board; 2014

AV-VD101

Ohio River Bridges Project Downtown Phase (Louisville, KY)

Kentucky Transportation Center; Kentucky Transportation Cabinet; 2012

TE7.H5 no.2406

Structures 2014 Volume 1

Transportation Research Board; 2014

SD433.R67 2012

Use of Laser Scanning Technology to Obtain As-Built Records of Historic Covered Bridges

U.S. Dept. of Agriculture Forest Service; 2012

TG260.A45 2008

Workshop on “The Bump at the End of the Bridge”

Kentucky Transportation Center, Kentucky Transportation Cabinet; 2008

Technology:

TE7.N25 no.768

Guide to Accelerating New Technology Adoption through Directed Technology Transfer

Transportation Research Board; 2014

Traffic Engineering:

TE7.H5 no.2404

Operational Effects of Geometrics and Access Management 2014

Transportation Research Board; 2014

TE7.S9 no.465

Permanent Signs Mounted on Median Barriers

Transportation Research Board; 2014

TE7.S9 no.460

Sharing Operations Data Among Agencies

Transportation Research Board; 2014

Transit:

HE202.5.S968 no.109

System-Specific Spare Bus Ratios Update

Transportation Research Board; 2013

Transportation:

TE7.N25 no.509

Equipment for Collecting Traffic Load Data

Transportation Research Board; 2004

TE7.H5 no.2409

Marine Transportation, Terminal Operations, and International Trade 2014

Transportation Research Board; 2014

TE7.H5 no.2420

Performance Measurement and Strategic Management
Transportation Research Board; 2014

TE7.S9 no.459

Using the Economic Value Created by Transportation to Fund Transportation
Transportation Research Board; 2014

Travel:

TE7.N25 no.775

Applying GPS Data to Understand Travel Behavior
Transportation Research Board; 2014

TE7.H5 no.2412

Travel Behavior 2014 Volume 1
Transportation Research Board; 2014

TE7.H5 no.2405

Travel Survey Methods
Transportation Research Board; 2014

Trucking:

Internet

Coordinating the Use and Location of Weigh-In-Motion Technology for
Kentucky
Kentucky Transportation Center; University of Kentucky; 2014

Weather:

TE7.S9 no.454

Response to Extreme Weather Impacts on Transportation Systems
Transportation Research Board; 2014