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## Technology Transfer Program

## KENTUCKY TRANSPORTATION CENTER

### NEWS TO USE

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*Technology Transfer Program Library.*

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July - August  
2013

### **USEFUL WEBSITES AND ELECTRONIC RESOURCES:**

- DOT FHWA Bridges & Structures: <http://www.fhwa.dot.gov/bridge/>
- DOT FHWA Steel Bridge Design Handbook:  
<http://www.fhwa.dot.gov/bridge/steel/pubs/if12052/>
- DOT FHWA Office of Safety. A Systemic Approach to Safety:  
<http://safety.fhwa.dot.gov/systemic/index.htm>
- DOT FHWA YouTube Videos: <http://www.youtube.com/user/USDOTFHWA>
- 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:**

TL725.A1A4 no.46

Conducting Airport Peer Reviews

Transportation Research Board; 2013

TL725.A1A3 no.85

Developing and Maintaining Support for Your Airport Capacity Project

Transportation Research Board; 2013

TL725.A1A3 no.90

Impact of Regulatory Compliance Costs on Small Airports

Transportation Research Board; 2013



Contact the Library to borrow these and other materials: 800-432-0719  
Laura Whayne, Librarian, 859-257-2155, [laura.whayne@uky.edu](mailto:laura.whayne@uky.edu)  
Victoria Brock, Library Technician, 859-257-8267, [victoria.brock@uky.edu](mailto:victoria.brock@uky.edu)



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TL725.A1A4 no.40

Issues with Airport Organization and Reorganization  
Transportation Research Board; 2013

TL725.A1A4 no.45

Model Mutual Aid Agreements for Airports  
Transportation Research Board; 2013

TL725.A1A3 no.87

Procuring and Managing Professional Services for Airports  
Transportation Research Board; 2013

TE7.H5 no.2325

Public-Sector Aviation: Graduate Research Award Papers, 2011-2012  
Transportation Research Board; 2013

TL725.A1A4 no.47

Repairing and Maintaining Airport Parking Structures While in Use  
Transportation Research Board; 2013

AV-CD448

Vector-Borne Disease Airport Importation Risk Tool  
Transportation Research Board; 2013

**Construction:**

KRR-KTC-13-10

Case Study Analysis of the Kentucky Transportation Cabinet's Design/Build Pilot  
Projects  
Kentucky Transportation Center; University of Kentucky; 2011

TE7.N25 no.744

Fuel Usage Factors in Highway and Bridge Construction  
Transportation Research Board; 2013

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**Design:**

KRR-KTC-10-09

Improving Intersection Design Practices

Kentucky Transportation Center; University of Kentucky; 2010

**Energy:**

TE7.N25 no.751

Renewable Energy Guide for Highway Maintenance Facilities

Transportation Research Board; 2013

**Equipment:**

S675.T56 2013

TMOST: Tractor/Mower Operator Safety Training Program

Alamo Group Inc.; 2013

**Freight:**

HE199.N7B7 2008

North American Freight Transportation: The Road to Security and Prosperity

Edward Elgar Publishing Ltd.

TA1001.5N3 no.24

Smart Growth and Urban Goods Movement

Transportation Research Board; 2013

**Maintenance:**

Internet

Evaluation of Alternative Snowplowable Markers and Snowplowing Procedures  
(KTC-13-7)

Kentucky Transportation Center, University of Kentucky; 2013

TE7.H5 no.2329

Winter Maintenance and Preservation 2013

Transportation Research Board; 2013

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**Materials:**

Internet

Evaluation of Wet-Nighttime Delineation (KTC-13-5)

Kentucky Transportation Center, University of Kentucky; 2013

TE7.N25 no.752

Improved Mix Design, Evaluation, and Materials Management Practices for Hot Mix Asphalt with High Reclaimed Asphalt Pavement Content

Transportation Research Board; 2013

TE7.S9 no.435

Recycled Materials and Byproducts in Highway Applications – Summary Report  
Volume 1

Transportation Research Board; 2013

**Pavements:**

SHRP2-R21-RR-2

Composite Pavement Systems Volume 1: HMA/PCC Composite Pavements

Transportation Research Board; 2013

SHRP2-R21-RR-3

Composite Pavement Systems Volume 2: PCC/PCC Composite Pavements

Transportation Research Board; 2013

REF TE12.I58 2013

ISSA Preserving Pavement 2013-2014 Membership Directory

International Slurry Surfacing Assn.; 2013

SHRP2-R06D-RR-1

Nondestructive Testing to Identify Delaminations between HMA Layers Volume  
1

Transportation Research Board; 2013

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**Planning:**

TE7.N25 no.753

Pre-Event Recovery Planning Guide for Transportation

Transportation Research Board; 2013

**Safety:**

Internet

2013 Safety Belt Usage Survey in Kentucky (KTC-13-8)

Kentucky Transportation Center; University of Kentucky; 2013

TP201.C46 2008

Guidelines for Chemical Transportation Safety, Security, and Risk Management

John Wiley & Sons, Inc.; 2008

HE194.5.U6E39 2013

Introduction to Transportation Security

Taylor & Francis Group, LLC; CRC Press; 2013

TE7.H5 no.2327

School Transportation; Operator Education and Regulation; and Traffic Law Enforcement 2013

Transportation Research Board; 2013

HE194.T75 2008

Transportation Security

Elsevier, Inc.; 2008

UA927.B38 2007

Understanding, Assessing, and Responding to Terrorism: Protecting Critical Infrastructure and Personnel

John Wiley & Sons, Inc.; 2007

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AV-VD096

Using Pesticides Safely: A Six-Part Video Series for Training Registered Employees

University of Maryland Cooperative Extension; 2012

TE7.S6 no.310

Worker Health and Safety on Offshore Wind Farms

Transportation Research Board; 2013

**Structures:**

UG24.K4P3 2008

McAlpine Locks & Dam at the Falls of the Ohio

U.S. Army Corps of Engineers, Louisville District; 2008

**Technology:**

TE7.N25 no.748

Guidelines for the Use of Mobile LIDAR in Transportation Applications

Transportation Research Board; 2013

TE7.S9 no.446

Use of Advanced Geospatial Data, Tools, Technologies, and Information in Department of Transportation Projects

Transportation Research Board; 2013

**Traffic Engineering:**

TE7.S9 no.447

Active Traffic Management for Arterials

Transportation Research Board; 2013

REF HE5614.3.K4K46 2013

Kentucky Traffic Collision Facts 2012

Kentucky State Police; 2013

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HE5614.2.N38 2013

National Traffic Incident Management (TIM) Responder Training  
Kentucky Transportation Center, University of Kentucky

**Transit:**

HE202.5.S968 no.106

Energy Savings Strategies For Transit Agencies  
Transportation Research Board; 2013

HE202.5 S968 no. 104

Use of Electronic Passenger Information Signage in Transit  
Transportation Research Board; 2013

HE202.5 S968 no.105

Use of Market Research Panels in Transit  
Transportation Research Board; 2013

**Transportation:**

REF TE12.A87 2013

ARRA 2013-2014 Membership Directory  
Asphalt Recycling and Reclaiming Assn.; 2013

REF TE12.A847 2013

Asphalt Emulsion Manufacturers Association 2013-2014 Membership Directory  
Asphalt Emulsion Manufacturers Assn.; 2013

Internet

Assessment of Kentucky's Road Fund (KTC-13-02)  
Kentucky Transportation Center, University of Kentucky; 2013

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FHWA-IF-10-009

Beyond the Short Term: Transportation Asset Management for Long-Term Sustainability, Accountability and Performance

DOT FHWA; 2010

TE7.H5 no.2326

Marine Environment, Safety, and Human Factors 2013

Transportation Research Record; 2013

HE193.P47 2013

Performance Measurement of Transportation Systems: Summary of the Fourth International Conference Proceedings

Transportation Research Board; 2013

TE7.H5 no.2328

Research and Education

Transportation Research Board; 2013

TE7.S9 no.448

State Department of Transportation Small Business Programs

Transportation Research Board; 2013

**Trucking:**

Internet

WIM Data Collection and Analysis (KTC-12-5)

Kentucky Transportation Center, University of Kentucky; 2012

**Work Zones:**

FHWA-HOP-11-022

Work Zone Performance Measures Pilot Test

DOT FHWA; 2011