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## Technology Transfer Program

## KENTUCKY TRANSPORTATION CENTER

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May - June  
2011

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

- Transportation and Climate Change Clearinghouse:  
<http://www.climate.dot.gov/>
- Transportation Reboot: Restarting America's Most Essential Operating System. Unlocking Gridlock; Unlocking Freight; Connecting Communities:  
<http://expandingcapacity.transportation.org/>
- U.S. EPA Stormwater Program (NPDES):  
[http://cfpub.epa.gov/npdes/home.cfm?program\\_id=6](http://cfpub.epa.gov/npdes/home.cfm?program_id=6)
- 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%20Published%20Recently\\_Section.htm](http://www.ktc.uky.edu/Reports%20Published%20Recently_Section.htm)

### **NEW MATERIALS:**

#### **Aviation:**

TL725.A1A3 no.40

Airport curbside and Terminal Area Roadway Operations

Transportation Research Board; 2010

#### **Construction:**

SHRP2-R16-RR-1

Strategies for Implementing the Project Agreement Process Between Highway Agencies and Railroads.

Transportation Research Board; 2010



Kentucky Transportation Center

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

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TE7.S9 no.413

Techniques for Effective Highway Construction Projects in Congested Urban Areas

Transportation Research Board; 2011

**Environment:**

TA1001.5.H3 no.2

Assessing Soil and Groundwater Impacts of Chemical Mixture Releases from Hazardous Materials Transportation Incidents.

Transportation Research Board; 2010

TA1001.5.N3 no.4

Representing Freight in air Quality and Greenhouse Gas Models

Transportation Research Board; 2010

TE7.H5 no.2163

Social, Environmental, and Economic Sustainability

Transportation Research Board; 2010

**Freight:**

TA1001.5.N3 no.7

Identifying and Using Low-Cost and Quickly Implementable Ways to Address Freight-System Mobility Constraints

Transportation Research Board; 2010

TE7.H5 no.2162

Freight Systems: Intermodal Transportation, Hazardous Materials, and International Trade

Transportation Research Board; 2010

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TE7.S9 no.410

Freight Transportation Surveys

Transportation Research Board; 2011

**Geotechnology:**

FHWA-NHI-10-025

Design and Construction of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes-Volume II.

DOT FHWA; National Highway Institute; 2009

TE7.N25 no.676

Intelligent Soil Compaction Systems

Transportation Research Board; 2010

FHWA-NHI-10-024

Design and Construction of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes-Volume I.

DOT FHWA; National Highway Institute; 2009

TE208.S65 1997

Soils Manual for the Design of Asphalt Pavement Structures

Asphalt Institute; 1997

TE7.H5 no.2170

Geology and Properties of Earth Materials 2010

Transportation Research Board; 2010

TE7.S9 no.368

Cone Penetration Testing

Transportation Research Board; 2007

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**Maintenance:**

TE228.G48 2011

Getting Started: Implementing a Traffic Sign Retroreflectivity Maintenance Program: A Resource for Local Agencies in Ohio  
Ohio Department of Transportation; 2011

TE7.N25 no.656

Criteria for Restoration of Longitudinal Barriers  
Transportation Research Board; 2010

**Management:**

HD69.P75P76 2010

Project Management: Competencies and Structure: Introduction to and Application of a Guide to the Project Management Body of Knowledge  
Twin Star Consulting Company; 2010

**Non-Motorized Transportation:**

TE7.H5 no.2198

Pedestrians 2010  
Transportation Research Board; 2010

**Pavements:**

TE7.N25 no.669

Models for Predicting Reflection Cracking of Hot-Mix Asphalt Overlays  
Transportation Research Board; 2010

**Planning:**

TE7.S9 no.406

Advanced Practices in Travel Forecasting  
Transportation Research Board; 2010

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TE7.S9 no.407

Effective Public Involvement Using Limited Resources  
Transportation Research Board; 2010

**Research:**

TE7.H5 no.2165

Statistical Methods and Visualization  
Transportation Research Board; 2010

**Roads:**

HE356.K4B7 2005

Paris Pike-Kentucky: AASHTO Subcommittee on Construction Annual Meeting  
AASHTO; Kentucky Transportation Cabinet; 2005

TE7.N25 no.686

Road Pricing: Public Perceptions and Program Development  
Transportation Research Board; 2011

TE7.N25 no.672

Roundabouts: An Informational Guide Second Edition  
Transportation Research Board; 2010

TE7.H5 no.2171

Operational Effects of Geometrics and Access Management 2010  
Transportation Research Board; 2010

TE7.N25 no.667

Model Curriculum for Highway Safety CORE Competencies  
Transportation Research Board; 2010

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TE7.S9 no.404

State of the Practice in Highway Access Management  
Transportation Research Board; 2010

**Safety:**

FHWA-HEP-07-005

Transportation Planner's Safety Desk Reference  
DOT FHWA; 2007

REF HE5614.3.K4K46 2010

Kentucky Traffic Collision Facts 2009  
Kentucky Transportation Center: University of Kentucky; 2010

TE7.H5 no.2147

Highway Safety Data, Analysis, and Evaluation 2010. Volume 1  
Transportation Research Board; 2010

TE7.N25 no.674

Crossing Solutions at Roundabouts and Channelized Turn Lanes for Pedestrians With Vision Disabilities  
Transportation Research Board; 2011

TE7.N25 no.665

Identification of Vehicular Impact Conditions Associated with Serious Run-Off-Road Crashes  
Transportation Research Board; 2010

**Structures:**

TE7.N25 no.668

Framework for a National Database System for Maintenance Actions on Highway Bridges  
Transportation Research Board; 2010

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TE7.N25 no.681

Development of a Precast Bent Cap System for Seismic Regions  
Transportation Research Board; 2011

TE7.N25 no.678

Design of FRP Systems for Strengthening Concrete Girders in Shear  
Transportation Research Board; 2011

**Traffic Engineering:**

FHWA-SA-10-001

Speed Concepts: Informational Guide  
DOT FHWA; 2009

TE7.H5 no.2161

Traffic Flow Theory 2010: Simulation Modeling  
Transportation Research Board; 2010

TE7.S9 no.412

Speed Reduction Techniques for Rural High-to-Low Speed Transitions  
Transportation Research Board; 2011

TE7.S9 no.409

Traffic Signal Retiming Practices in the United States  
Transportation Research Board; 2010

**Transportation:**

HE193.T87 2008

U.S. and International Approaches to Performance Measurement for Transportation Systems: Summary of a Conference  
Transportation Research Board; 2008

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TE7.N25 no.660

Transportation Performance Management: Insight from Practitioners  
Transportation Research Board; 2010

TE7.H5 no.2187

Economics, Demand Management, and Parking Policy  
Transportation Research Board; 2010

TE7.H5 no.2166

Marine Transportation and Port Operations 2010  
Transportation Research Board; 2010

TE7.H5 no.2160

Data Systems and Travel Survey Methods 2010  
Transportation Research Board; 2010

TE7.S9 no. 416

Implementing Race-Neutral Measures in State Disadvantaged Business Enterprise  
Programs  
Transportation Research Board; 2011

**Transit:**

HE202.5.T73 no.139

Guidebook for Recruiting, Developing, and Retaining Transit Managers for  
Fixed-Route Bus and Paratransit Systems.  
Transportation Research Board; 2010

HE202.5.T73 no.140

Guide for Planning and operating Flexible Public Transportation Services  
Transportation Research Board; 2010



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HE202.5.T73 no.141

Methodology for Performance Measurement and Peer Comparison in the Public Transportation Industry.

Transportation Research Board; 2010

HE202.5.T73 no.95-19

Employer and Institutional TDM Strategies: Traveler Response to Transportation System Changes.

Transportation Research Board; 2010

HE202.5.S968 no.85

Effective Use of Citizen Advisory Committees for Transit Planning and Operations

Transportation Research Board; 2010

HE202.5.S968 no.84

Current Practices in Greenhouse Gas Emissions Savings from Transit

Transportation Research Board; 2010

HE202.5.S968 no.82

Transit Fare Arrangements for Public Employees

Transportation Research Board; 2010

TE7.H5 no.2144

Transit 2010. Volume 2

Transportation Research Board; 2010