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Technology Transfer Program

**KENTUCKY
TRANSPORTATION CENTER**

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Technology Transfer Program Library.

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January - February
2013

USEFUL WEBSITES AND ELECTRONIC RESOURCES:

- Cost-Effective and Sustainable Road Slope Stabilization and Erosion Control: http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_430.pdf NCHRP Synthesis of Highway Practice Report 430, 2012.
- Geosynthetic Reinforced Soil (GRS) Integrated Bridge System (IBS): http://www.fhwa.dot.gov/everydaycounts/technology/grs_ibs/index.cfm DOT FHWA Every Day Counts
- High Visibility Apparel in Work Zones: http://www.workzonesafety.org/files/documents/training/fhwa_wz_grant/atssa_high_visibility_pocket_guide.pdf ATSSA, 2009.
- 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:

Administration:

TE7.N25 no.722

Assessing Highway Tolling and Pricing Options and Impacts

Transportation Research Board; 2012

Aviation:

TE7.H5 no.2300

Aviation 2012

Transportation Research Board; 2012



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

Construction:

TE7.S9 no.438

Expedited Procurement Procedures for Emergency Construction Services
Transportation Research Board; 2012

REF TA684.A47 2011

Steel Construction Manual, 14th edition
American Institute of Steel Construction; 2011

Design:

TE7.N25 no.730

Design Guidance for Freeway Mainline Ramp Terminals
Transportation Research Board; 2012

TE7.H5 no.2309

Highway Design 2012
Transportation Research Board; 2012

Equipment:

TL233.T73 2005

Tractor/Mower Operator Safety Training Program
Transportation Research Board; 2005

Freight:

TE7.H5 no.2288

Freight Systems 2012
Transportation Research Board; 2012

TE7.N25 no.739

Freight Trip Generation and Land Use
Transportation Research Board; 2012

TE7.N25 no.732

Methodologies to Estimate the Economic Impacts of Disruptions to the Goods Movement System

Transportation Research Board; 2012

Hydrology:

TE7.N25 no.728

Guidelines for Evaluating and Selecting Modifications to Existing Roadway Drainage Infrastructure to Improve Water Quality in Ultra-Urban Areas

Transportation Research Board; 2012

TE.N25 no.734

Hydraulic Loss of Coefficients for Culverts

Transportation Research Board; 2012

Maintenance:

TE7.N25 no.742

Communicating the Value of Preservation: A Playbook

Transportation Research Board; 2012

TE7.H5 no.2292

Maintenance and Preservation 2012

Transportation Research Board; 2012

Materials:

TE7.H5 no.2293

Asphalt Materials and Mixtures 2012, Volume 1

Transportation Research Board; 2012

TE7.H5 no.2294

Asphalt Materials and Mixtures 2012, Volume 2
Transportation Research Board; 2012

TE7.H5 no.2295

Asphalt Materials and Mixtures 2012, Volume 3
Transportation Research Board; 2012

TE7.H5 no.2296

Asphalt Materials and Mixtures 2012, Volume 4
Transportation Research Board; 2012

REF TA682.24.A436 2011

Building Code Requirements for Structural Concrete (ACI 318-11) An ACI Standard and Commentary
American Concrete Institute; 2011

TE7.H5 no.2290

Concrete Materials 2012
Transportation Research Board; 2012

Non-Motorized Transportation:

TE7.H5 no.2314

Bicycles 2012
Transportation Research Board; 2012

TE7.H5 no.2299

Pedestrians 2012
Transportation Research Board; 2012

Pavements:

TE7.H5 no.2305

Pavement Management 2012, Volume 2

Transportation Research Board; 2012

TE7.S9 no.433

Significant Findings from Full-Scale Accelerated Pavement Testing

Transportation Research Board; 2012

Railways:

TE7.H5 no.2289

Railways 2012

Transportation Research Board; 2012

Roads:

SHRP2-CO3-RR-1

Interactions Between Transportation Capacity, Economic Systems, and Land Use

Transportation Research Board; 2012

TE7.N25 no.736

Resource Allocation Logic Framework to Meet Highway Asset Preservation

Transportation Research Board; 2012

Safety:

TE7.S6 no.300

Achieving Traffic Safety Goals in the United States: Lessons from Other Nations

Transportation Research Board; 2011

TE7.H5 no.2321

Human Performance, User Information, and Simulation 2012

Transportation Research Board; 2012

HE56 14.5.C3P8 2012

Injury in Review: Spotlight on Road and Transport Safety
Public Health Agency of Canada; 2012

TE7.H5 no.2279

Statistical Methods and Highway Safety Performance 2012
Transportation Research Board; 2012

Technology:

TE7.H5 no.2291

Information Systems, Geographic Information Systems, and Advanced
Computing
Transportation Research Board; 2012

Traffic Engineering:

TE7.N25 no.737

Design Guidance for High-Speed to Low-Speed Transition Zones for Rural
Highways
Transportation Research Board; 2012

TE7.H5 no.2278

Freeway Operations; Regional Systems Management and Operations; Managed
Lanes 2012
Transportation Research Board; 2012

TE7.N25 no.731

Guidelines for Timing Yellow and All-Red Intervals at Signalized Intersections
Transportation Research Board; 2012

TE7.H5 no.2301

Operational Effects of Geometrics and Access Management 2012
Transportation Research Board; 2012

TE7.H5 no.2298

Traffic Control Devices, Visibility, and Highway – Rail Grade Crossings 2012
Transportation Research Board; 2012

Transit:

TE7.H5 no.2276

Transit 2012, Volume 3
Transportation Research Board; 2012

TE7.H5 no.2277

Transit 2012, Volume 4
Transportation Research Board; 2012

Transportation:

FHWA-HIF-12-005

Asset Management and Safety Peer Exchange: Beyond Pavement and Bridges:
Transportation Asset Management
DOT FHWA; 2011

TE7.N25 no.727

Effective Experiment Design and Data Analysis in Transportation Research
Transportation Research Board; 2012

Travel:

TE7.N25 no.735

Long-Distance and Rural Travel Transferable Parameters for Statewide Travel
Forecasting Models
Transportation Research Board; 2012

