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## USEFUL WEBSITES:

- Rumble strips information: [http://safety.fhwa.dot.gov/roadway\\_dept/rumble/](http://safety.fhwa.dot.gov/roadway_dept/rumble/)
- Road departures information: [http://safety.fhwa.dot.gov/roadway\\_dept/](http://safety.fhwa.dot.gov/roadway_dept/)
- KTC Video Catalog: For a listing of all the videos in the KTC Library, see: <http://www.kyt2.com/pdf%20files/VideoCat2005complete.pdf>. A print copy of the Video Catalog is available upon request.
- KTC previous New Materials Lists: <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)



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# NEW MATERIALS:

## Aviation:

TL725.A1A3 no.1

Safety Management Systems for Airports Volume 1: Overview

01/01/2007

## Economics:

CR-2007-079

Growth in Highway Construction and Maintenance Costs

09/26/2007

## Environment:

GE197.N67 2007

Break Through: From the Death of Environmentalism to the Politics of Possibility

01/01/2007

KRR-KTC-07-27

Comparison of State Policies for Complying with Endangered Species Act

10/01/2007

HC79.E5P8 2003

Public Participation in Sustainability Science: A Handbook

01/01/2003

## Geotechnology:

FHWA-CFL-TD-05-010

Clay Seam Mapping With Electromagnetic Induction

11/01/2005

## Kentucky:

HE213.K4K46 2007

2006 Kentucky Statewide Intermodal Freight Plan

08/01/2007

HC107.K2B5 2007

Comprehensive Economic Development Strategy: Bluegrass Area Development District

09/01/2007

REF HE5633.K4K46

Kentucky Motor Vehicle Laws and Regulations Annotated

11/01/2007

## Maintenance:

PA-2006-01

Environmentally Sensitive Maintenance for Dirt and Gravel Roads

03/01/2006

FHWA-HRT-07-042

Maintaining Traffic Sign Retroreflectivity: Impacts on State and Local Agencies

09/01/2007

TE7.H5 no.1991

Management and Maintenance of the Infrastructure

01/01/2007

Materials:

TE7.N25 no.566

Guidelines for Concrete Mixtures Containing Supplementary Cementitious Materials to Enhance Durability of Bridge Decks

10/03/2007

AV-CD335

Introduction to Geosynthetics in Transportation

10/23/2007

FHWA-HRT-04-097

Manual for LS-DYNA Wood Material Model 143

08/01/2007

FHWA-CFL-TD-06-009

Promoting Geosynthetics Use on Federal Lands

12/01/2006

Pavements:

FHWA-PL-07-027

Long-Life Concrete Pavements in Europe and Canada

08/01/2007

VTTC-08-R7

Preliminary Field Investigation of Intelligent Compaction of Hot-Mix Asphalt

11/01/2007

Planning:

TE7.H5 no.1997

Innovative Planning Approaches 2007

01/01/2007

Public Works:

AV-VD035

Making the Difference

01/01/2007

Rail:

FHWA-SA-07-070

Railroad-Grade Crossing Handbook – Revised Second Edition

08/01/2007

TE7.H5 no.1995  
Railways 2007  
01/01/2007

Roads:

FHWA-HRT-07-045  
Interchange Safety Analysis Tool (ISAT): User Manual  
06/01/2007

Safety:

FHWA-TX-07-0-5090-2  
Before-After Comparison of Edgeline Effects on Rural Two-Lane Highways  
11/01/2006

TE7.N25 no.587  
Countermeasures to Protect Bridge Abutments from Scour  
01/01/2007

HE5620.W54.D36 2007  
Development and Evaluation of Devices Designed to Minimize Deer-Vehicle Collisions  
07/02/2007

AV-VD037  
Flagging Operations and Procedures  
01/01/1993

TE7.N25 no.546  
Incorporating Safety into Long-Range Transportation Planning  
01/01/2006

REF HE5614.3.K4K46 2007  
Kentucky Traffic Collision Facts: 2006 Report  
01/01/2007

HE5613.B35 2007  
Nationwide Review of Graduated Driver Licensing  
02/01/2007

TE7.S96 no.14  
Role of Safety Culture in Preventing Commercial Motor Vehicle Crashes  
01/01/2007

FHWA-HOP-07-116 (AV-CD336)  
Rule on Work Zone Safety and Mobility: Implementation Guides and other Resources  
06/01/2007

HE5614.2.H83 2007  
Safe Routes to School: 2007 State of the States Report  
10/01/2007

FHWA-TX-05-0-5090-1  
Safety Impact of Edge Line on Rural Two-Lane Highways  
09/01/2005

TE7.S9 no.369  
State DOT Crashes Reconstruction Practices  
01/01/2007

DOT-HS-810-658  
Traffic Crashes Take Their Toll on America's Rural Roads: The Need to Establish Rural Safety Belt Programs  
12/01/2006

AV-VD036  
Work Zone Safety for Roadway Maintenance Operations: Parts 1-7  
01/01/1995

Standards:  
TD223.G74 2003  
Recommended Standards for Water Works: 2003 Edition  
01/01/2003

TD523.G74 2004  
Recommended Standards for Wastewater Facilities: 2004 Edition  
01/01/2004

Structures:  
TE7.N25 no.595  
Application of the LRFD Bridge Design Specifications to High-Strength Structural Concrete: Flexure and  
Compression Provisions  
01/01/2007

TE7.N25 no.590  
Multi-Objective Optimization for Bridge Management Systems  
01/01/2007

TE7.N25 no.592  
Simplified Live Load Distribution Factor Equations  
01/01/2007

Traffic Engineering:  
CTRE-06-278  
Assessment of Channelizing Device Effectiveness on High Speed/High Volume Roadways  
07/01/2007

TE228.N38 2007  
National Traffic Signal Report Card Technical Report 2007  
01/01/2007

Transit:

REF TE191.N38 2007  
NHI Catalog: Training the Transportation Workforce, 2008  
01/01/2007

HE202.5.S968 no.71  
Paratransit Manager's Skills, Qualifications, and Needs  
01/01/2007

HE202.5.T73 no.86-13  
Public Transportation Security Vol. 13: Public Transportation Passenger Security Inspections: A Guide for Policy Decision Makers  
01/01/2007

TE7.H5 no.1992  
Transit: Management, Technology, and Planning  
01/01/2007

Transportation:

HE309.C2M4 2007  
ABCs of MTC: Your Guide to the Bay Area's Transportation Planning, Financing and Coordinating Agency  
10/01/2007

TA1004.C468 2007  
Center for Transportation Studies 2007-2008  
01/01/2007

HE4211.G76 2004  
Community Visualization of a Light Rail Transit Oriented Development  
04/01/2004

TA1004.L68 2006  
Louisiana Transportation Research Center 2006 Annual Report  
01/01/2006

HE202.5.T73 no.120  
Racial and Gender Diversity in State DOTs and Transit Agencies: A Benchmark Scoping  
01/01/2007

HE203.G37 2006  
Transportation Experience: Policy, Planning, and Deployment  
01/01/2006

Trucking:

TL230.O46 2007  
Commercial Vehicle Inspection: Virtual Weigh-In-Motion  
07/18/2007

Urban Transportation:

TE7.S6 no. 288

Metropolitan Travel Forecasting: Current Practice and Future Direction

01/01/2007

HE305.G46 2004

Geography of Urban Transportation: Third Edition

01/01/2004