

NEW SAFETY LITERATURE

Model Curriculum for Highway Safety Core Competencies

TRB's National Cooperative Highway Research Program (NCHRP) Report 667: Model Curriculum for Highway Safety Core Competencies presents course materials, including the instructor's guide and student workbook, for a fundamental highway safety training course. The course is designed to address the core competencies highway safety practitioners should have or acquire. An accompanying CD-ROM includes a brochure and short Microsoft PowerPoint presentation for marketing the training course.

http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_667.pdf

Identification of Vehicular Impact Conditions Associated with Serious Ran-off-Road Crashes

TRB's National Cooperative Highway Research Program (NCHRP) Report 665: Identification of Vehicular Impact Conditions Associated with Serious Ran-off-Road Crashes quantifies the characteristics of ran-off-road crashes and identifies appropriate impact conditions for use in full-scale crash testing.

http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_665.pdf

Crosswalk Marking Field Visibility Study

The U.S. Federal Highway Administration has released a TechBrief that investigates the relative daytime and nighttime visibility of three crosswalk marking patterns--transverse lines, continental, and bar pairs.

<http://www.fhwa.dot.gov/publications/research/safety/pedbike/10067/10067.pdf>

Evaluation of Shared Lane Markings

The U.S. Federal Highway Administration has released a TechBrief that explores the impact of several uses of shared lane pavement markings on operational and safety measures for bicyclists and motorists. Shared lane markings are designed to help convey to motorists and bicyclists that they must share the roads on which they operate. The markings attempt to create improved conditions by clarifying where bicyclists are expected to ride and by notifying motorists to expect bicyclists on the road.

<http://www.fhwa.dot.gov/publications/research/safety/pedbike/10044/10044.pdf>

Effects of Yellow Rectangular Rapid-Flashing Beacons on Yielding at Multilane Uncontrolled Crosswalks

The U.S. Federal Highway Administration has released a report that explores the effects of rectangular rapid-flashing beacons (RRFB) at uncontrolled marked crosswalks. The RRFB device is a pedestrian-activated beacon system located at the roadside below side-mounted pedestrian crosswalk signs.

<http://www.fhwa.dot.gov/publications/research/safety/pedbike/10043/10043.pdf>

Balancing Safety and Capacity in an Adaptive Signal Control System - Phase 1

The U.S. Federal Highway Administration has released a report that explores the development of real-time signal timing methodologies and algorithms that are designed to balance safety and efficiency.

<http://www.fhwa.dot.gov/publications/research/safety/10038/10038.pdf>

Pedestrian Safety Strategic Plan: Recommendations for Research and Product Development

The U.S. Federal Highway Administration (FHWA) has released a 15-year plan for pedestrian safety research and technology transfer. The plan is designed to address pedestrian safety concerns and to equip professionals and other stakeholders with proper knowledge, resources, and information needed to identify problems and implement solutions related to the roadway environment.

http://safety.fhwa.dot.gov/ped_bike/pssp/fhwasaxxxx/fhwasaxxxx.pdf

Directions in Highway Safety

The Governors Highway Safety Association has released the latest version of its newsletter that explores issues related to highway safety.

http://www.ghsa.org/html/publications/directions/pdf/2010/fall2010_directions.pdf

Safety Monitor 82, November 2010

The European Transport Safety Council has released the latest issue of its bi-monthly safety newsletter that provides updates on European Union transport safety issues

<http://www.etsc.eu/documents/Safety%20Monitor%20November%202010.pdf>

Pennsylvania Safe Routes to School Program

The Pennsylvania Department of Transportation has released a report that explores various components of Pennsylvania's Safe Routes to School (SRTS) Program including technical assistance provided to K-8 schools, resources to support the development and implementation of SRTS plans, promotional efforts around Walk to School Day, the training of individuals on various SRTS-related topics, and the fostering of strategic relationships with key stakeholders.

ftp://ftp.dot.state.pa.us/public/pdf/BPR_PDF_FILES/Documents/Research/Complete%20Projects/Smart%20Transportation%20Solutions/PA%20Safe%20Routes%20to%20School%202007-2010.pdf

Older Driver Program Five-Year Strategic Plan

The U.S. National Highway Traffic Safety Administration (NHTSA) has released a report that explores ways for NHTSA to address the safety needs of older drivers over the next five years.

<http://www.nhtsa.gov/staticfiles/nti/pdf/811432.pdf>

Advanced LED Warning Signs for Rural Intersections Powered by Renewable Energy

The Center for Transportation Studies at the University of Minnesota has released a report that explores driver behavior at an intersection that uses the Advanced Light-Emitting Diode (LED) Warning System at a rural intersection.

<http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=1980>

Development and Field Demonstration of DSRC-Based V2I Traffic Information System for the Work Zone

The Center for Transportation Studies at the University of Minnesota has released a report that examines the architecture, functionality, and field demonstration of a communication system that can be used to improve traffic efficiency and safety in work zones.

<http://www.its.umn.edu/Publications/ResearchReports/reportdetail.html?id=1986>

OECD International Traffic Safety Data and Analysis Group Annual Report: 2010

The International Traffic Safety Data and Analysis (IRTAD) Group has released its annual report, which explores information from more than 30 countries on roadway safety trends and highlights progress on specific safety issues such as speeding, drunk driving, and safety belt and helmet use. In addition, the report reviews recent measures implemented in various countries to improve roadway safety.

The IRTAD Group is an on-going working group of the Joint Transport Research Centre of the Organisation of Economic Co-operation and Development and the International Transport Forum.

<http://www.internationaltransportforum.org/irtad/pdf/10IrtadReport.pdf>

Pavement Markings and Safety

Iowa State University's Institute of Transportation has released a report that explores the potential correlation between pavement marking retroreflectivity and crashes.

http://www.intrans.iastate.edu/reports/pvmt_markings_safety_report.pdf