

# **Bicycle and Pedestrian Related Publications and Reports Produced by USDOT**

## **Federal Highway Administration**

FHWA Publications with a Report Number (e.g. FHWA-PD-92-041) can be ordered directly from the FHWA R&T Report Center by faxing the document number and mailing information to (301) 577-1421.

Documents that do not have a Report Number can be ordered by calling the Pedestrian and Bicycle Information Center.

### **1. National Cycling and Walking Study Reports**

#### **FINAL REPORT**

FHWA-PD-94-023      National Cycling and Walking Study  
National Cycling and Walking Study Executive Summary (1994)  
National Cycling and Walking Study Five Year Status Report (1999)

#### **CASE STUDIES:**

FHWA-PD-92-041 #1      Reasons Why Cycling & Walking are Not Being Used More  
FHWA-PD-92-038 #2      The Training Needs of Transportation Professionals  
FHWA-PD-93-039 #3      What Needs to be Done to Promote Cycling and Walking  
FHWA-PD-93-031 #4      Measures to Overcome Impediments to Cycling and Walking  
FHWA-PD-93-008 #5      An Analysis of Current Funding Mechanisms  
FHWA-PD-93-024 #6      Analysis of Successful Grass-Roots Movements  
FHWA-PD-92-040 #7      Transportation Potential and Other Benefits of Off-Road Facilities  
FHWA-PD-93-007 #8      Organizing Citizen Support and Acquiring Funding  
FHWA-PD-93-012 #9      Linking Bicycle/Pedestrian Facilities with Transit  
FHWA-PD-94-012 #10     Trading Off Among the Needs of Motor Vehicle Users, Peds, Bikes  
FHWA-PD-93-009 #11     Balancing Engineering, Education, Law Enforcement, Encouragement  
FHWA-PD-92-036 #12     Incorporating Consideration of Cyclists & Pedestrians into Education  
FHWA-PD-93-018 #13     A Synthesis of Existing Cyclist and Pedestrian Related Laws  
FHWA-PD-93-025 #14     Benefits of Cycling and Walking to Health  
FHWA-PD-93-015 #15     The Environmental Benefits of Cycling and Walking  
FHWA-PD-92-037 #16     A Study of Bicycle and Pedestrian Programs in European Countries  
FHWA-PD-93-016 #17     Bicycle/Pedestrian Policies and Programs in Asia, Australia, New Z.  
FHWA-PD-93-010 #18     Analyses of Successful Provincial, State, and Local Programs  
FHWA-PD-93-028 #19     Traffic Calming, Auto Restricted Zones, and Traffic Management  
FHWA-PD-93-037 #20     The Effects of Environmental Design on the Amount and Type  
FHWA-PD-93-017 #21     Incorporating Bicycle and Pedestrian Considerations into Planning  
FHWA-PD-93-019 #22     The Role of State Bicycle/Pedestrian Coordinators  
FHWA-PD-93-014 #23     The Role of Local Bicycle/Pedestrian Coordinators  
FHWA-PD-93-006 #24     Current Planning Guidelines and Design Standards

### **2. Other FHWA Reports**

FHWA-PL-00-021 Innovative Traffic Control: Technology and Practice in Europe  
 FHWA-HEP-99-006 Designing Sidewalks and Trails for Access: Part I (available fall 1999)  
 FHWA-RD-98-166 Guidebook on Methods to Estimate Nonmotorized Travel: Supporting  
 Documentation  
 FHWA-RD-98-165 Guidebook on Methods to Estimate Nonmotorized Travel: Overview of  
 Methods.  
 FHWA-RD-98-105 Implementing Bicycle Improvements at the Local Level  
 FHWA-RD-98-095 The Bicycle Compatibility Index: A Level of Service Concept,  
 Implementation Manual  
 FHWA-RD-98-072 The Bicycle Compatibility Index: A Level of Service Concept, Final  
 Report  
 FHWA-PD-98-052 Recreational Trails Program (brochure)  
 FHWA-PD-98-049 Bicycle and Pedestrian Provisions of the Federal-aid Program  
 (brochure)  
 FHWA-PD-97-053 Bicycle and Pedestrian Planning Under ISTEA  
 FHWA-PD-97-062 Flexibility in Highway Design  
 FHWA-HI-96-028 Pedestrian and Bicyclist Safety and Accommodation (NHI Participant  
 Workbook)  
 FHWA-RD-95-163 Bicycle and Pedestrian Crash Types of the Early 1990s  
 FHWA-PD-95-009 A Compendium of Available Bicycle and Pedestrian Trip Generation  
 Data  
 FHWA-PL-95-006 FHWA Study Tour for Pedestrian and Bicyclists Safety in England,  
 Germany, and the Netherlands  
 FHWA-PL-95-005 Bicycling and Walking in the Nineties and Beyond: Applying  
 Scandinavian Experience to America's Challenges  
 FHWA-RD-94-062 Bicycle Safety Related Research Synthesis  
 FHWA-PD-94-031 Conflicts on Multiple-Use Trails  
 FHWA-HI-94-028 Bicycle and Pedestrian Planning (NHI Participant Workbook)  
 FHWA-RD-92-073 Selecting Roadway Design Treatments to Accommodate Bicycles

### **FHWA Safety Brochures**

FHWA-SA-91-059 Crossing Advice for Pedestrians  
 FHWA-SA-92-040 For A Safe Path Through Work Zones – Don't Miss Your Cues!!  
 FHWA-SA-93-058 The Signs of Safety Are Everywhere!  
 FHWA-SA-96-057 A Kid's Guide to Safe Walking  
 FHWA-SA-97-044 Don't Have Blind Spot When it Comes to Walking Safely Near Large  
 Trucks and Buses  
 FHWA-SA-97-066 Wanted: Walkable Communities  
 FHWA-SA-98-065 Pedestrian Safety for School-age Children  
 FHWA-SA-99-017 Rumble Strips: A Sound Investment

## NHTSA Reports and Publications

NHTSA publications can be ordered via the Traffic Safety Materials Catalog or by visiting [www.nhtsa.dot.gov/people/outreach/media/catalog/material.cfm](http://www.nhtsa.dot.gov/people/outreach/media/catalog/material.cfm)

DOT-HS-808-363	It Wouldn't Hurt to Live in a Safe Community
DOT-HS-808-607	Prevent Bicycle Crashes (fact sheet)
DOT-HS-808-000	Your Bicycle Helmet – A Correct Fit (brochure)
DOT-HS-808-648	Ride Like A Pro (brochure)
DOT-HS-808-763	10 Smart Routes to Bicycle Safety (booklet)
DOT-HS-808-781	Be Head Smart – It's Time to Start (brochure)
DOT-HS-808-746	What's New About Bicycle Helmets? (poster)
DOT-HS-808-747	What's New About Bicycle Helmets? (brochure)
DOT-HS-808-757	What's New About Bicycle Helmets? (flyer)
DOT-HS-808-754	Back to School Safely (booklet)
	You and You Should Never Meet Like This (flyer)
	Compendium of Pedestrian Safety Tips (flyer)
	Kids Guide to Safe Walking (brochure)
	Walkability Checklist (brochure, English and Spanish))
	Caminando a Través de los Años – Seguridad Para Peatones De Tercera Edad (report, slide show, presenters guide, telenovela)
	Caminando a Través de los Años – Common Childhood Pedestrian Risks (telenovela, bilingual brochure)
	Bicycle Safety Resource Guide (CD-Rom). Available from (202) 366- 7096 (fax), or from <a href="mailto:mlevy@nhtsa.dot.gov">mlevy@nhtsa.dot.gov</a>
DOT-HS-808-885	Highway Safety 1996: A Report on Activities Under the Highway Safety Act of 1996, as Amended.

## **Newsletters, Magazines, Web Sites and Other Sources of Information**

### **Traffic Safety Digest**

Newsletter featuring bicycle, pedestrian, motorcycle and other safety program news.  
[www.nhtsa.dot.gov/people/outreach/safedige/](http://www.nhtsa.dot.gov/people/outreach/safedige/)

### **Safe Communities Service Center**

Central location for news and information about the Safe Communities program; includes access to newsletters, resources etc.  
[www.nhtsa.dot.gov/people/outreach/safecom/m/servicecenter/default.htm](http://www.nhtsa.dot.gov/people/outreach/safecom/m/servicecenter/default.htm)

### **WorkZone Clearinghouse**

Clearinghouse for information on all aspects of work zone safety, including bicycle and pedestrian safety in workzones. (888) 447-5556. <http://wzsafety.tamu.edu/>

### **National Transportation Enhancements Clearinghouse**

Clearinghouse for information on the transportation enhancements program established by ISTEA and continued by TEA-21.  
(888) 388-6832.  
<http://www.railtrails.org/ntec/>

### **Public Roads**

Bi-monthly magazine published by the FHWA Office of Research and Development featuring developments in Federal highway policies, programs, and research and technology.  
[www.tfhr.gov](http://www.tfhr.gov)

### **Pedestrian Forum**

Quarterly newsletter reporting developments in the pedestrian program area.  
Contact: Levenson Boodlal (202) 366-8044

### **National Center for Statistics and Analysis**

Source of traffic safety facts and figures through data collection, analysis, and crash investigation activities, including "Traffic Safety Facts".  
[www.nhtsa.dot.gov/people/ncsa/index.html](http://www.nhtsa.dot.gov/people/ncsa/index.html)

### **PedSmart**

Web site featuring pedestrian intersection treatments that utilize ITS techniques and technologies.  
[www.walkinginfo.org/pedsmart](http://www.walkinginfo.org/pedsmart)

### **Walk Web Site**

A site dedicated to pedestrian safety and the Pedestrian Roadshow in particular.  
[safety.fhwa.dot.gov/programs/ped\\_bike.htm](http://safety.fhwa.dot.gov/programs/ped_bike.htm)

# USDOT Bicycle and Pedestrian Related Research

## 1. FHWA Multi-year Research Program Activities (1994-1999)

- *Development of Pedestrian and Bicyclist Injury Databases*  
Report on non-motor vehicle, and non-roadway crashes available on-line after October 1 at [www.tfhr.gov](http://www.tfhr.gov)
- *Development of National Pedestrian Safety Awareness Campaign (w/NHTSA)*  
Partnership for a Walkable America activities and pedestrian safety awareness materials developed under this task order.
- *Development of Planning Guidelines and Training Courses* (includes planning guides, planning training course, and university graduate-level course)  
Bicycle planning guide done. Pedestrian planning guide due in fall of 1999. Planning training course and manual done. University graduate-level course materials nearing completion, forum for University department heads in November 1999.
- *Development of Bicycle Compatibility Index: A Level of Service Concept*  
Reports completed.
- *Bicycle Facilities Evaluation* (analysis of bicycle lanes versus wide curb lanes)  
Bicycle lane analysis report due in October. Report on innovative bicycle facilities still being prepared for printing.
- *Capacity Analysis of Pedestrian and Bicyclist Facilities*  
Research done. Awaiting publication on tfhr.gov web site.
- *Development and Test of Bicycle Safety Countermeasures* (NHTSA)  
Bicycle Safety Resource Guide CD Rom now available.
- *Synthesis of Bicycle and Pedestrian Planning at the State and MPO Levels*  
Report done.
- *Evaluation of Pedestrian Facilities* (includes synthesis, research report, and users guide)  
Report being completed.
- *Evaluation of the Effectiveness of 3D/4D Visualization*  
Completed.
- *ITS Applications for Pedestrian Safety*  
Findings available on PedSmart website, and then on CD Rom.
- *Guidebook on Quantitative Methods to Estimate Non-motorized Travel*  
Reports available. Will be available on web site later this fall.
- *Pedestrian and Bicycle Crash Analysis Tool*  
Programming completed; CD Rom and user manual being prepared for release this fall.
- *Evaluation of Intersection Treatments for Pedestrians*  
Combined with ITS Applications and Pedestrian Facility Evaluation projects.
- *Evaluation of Ultraviolet Headlamps*
- **Pedestrian and Bicyclist Technology Transfer Study**  
Web site under construction in conjunction with PBIC; marketing plan submitted.

## 2. Current NHTSA Research Initiatives

- Pedestrian Research Compendium
- Survey on Public Beliefs about Pedestrian and Bicyclist Safety and Accommodation
- Literature Review: Vehicle Travel Speeds and Pedestrian Injury
- Literature Review on Pedestrian and Bicyclist Conspicuity
- Beta-testing of the Pedestrian and Bicyclist Crash Analysis Tool
- Development, Implementation and Evaluation of a Countermeasures Program for Alcohol impaired Pedestrians
- Large City Demonstration and Evaluation of Pedestrian Countermeasures
- Zone Guide for Pedestrian Safety
- Bicyclist Research Compendium
- Bicycle Safety Resource Guide
- Enhancing the Detection/Recognition of Bicycles

### **3. Current FRA Research Initiatives**

- Best Practices Analysis of Rails with Trails (contract awarded)

### **4. Other Current Research Initiatives**

- National Bicycle Education Curriculum (FHWA, NHTSA)