



TRANSPORTATION RESEARCH BOARD

Pedestrian & Bicycle Transportation Overview

TRB at a Glance

The mission of the Transportation Research Board (TRB) is to provide leadership in transportation innovation and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multimodal.

A resource to the nation and to the transportation community worldwide, TRB provides an extensive portfolio of services:

- Opportunities for information exchange on current transportation research and practice,
- Management of cooperative research and other research programs,
- Analyses of national transportation policy issues and guidance on federal and other research programs
- Publications and access to research information from around the world.

More info at www.trb.org

TRB's Transportation Research Information Services (TRIS)

TRIS includes the TRB Library and the TRIS Databases (listed below) which are available for free on TRB's website.

The TRB Library provides information services to TRB staff, sponsors, TRB Committee members and panels and researchers. Access to the TRB Library is a benefit to TRB sponsors and TRB committee members.

In cooperation with your State DOT Library or Information Service, the TRB Library provides:

- Reference and research assistance
- Literature searches
- Articles for TRB Committee work

The TRB Library provides training on effective and efficient use of the following TRIS resources:

TRID – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation
trid.trb.org

Practice Ready Papers (PRP) Database - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort.
prp.trb.org

Publications Index (PubsIndex) Database – The papers, articles and reports published by the Transportation Research Board, Highway Research Board, Strategic Highway Research Programs or the Marine Board
pubsindex.trb.org

Research in Progress (RiP) Database – Current or recently completed transportation research projects
rip.trb.org

Research Needs Statements (RNS) – Research needs as identified by TRB Technical Activities standing committees
rns.trb.org

More information about TRIS is available online at: <http://www.trb.org/InformationServices/InformationServices.aspx>
Contact the Library at TRBLibrary@nas.edu or 1 (202) 334-2989

Upcoming Events

- Conferences:
 - June 15, 2016 Portland, Oregon **Use of Scenario Planning in Transportation Planning**
- Webinars:

Information continues behind



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View TRB webinars here: <http://www.trb.org/ElectronicSessions/ConferenceRecordings.aspx>

Technical Committees

- Standing Committees:
 - Transportation Issues in Major Cities (ABE30)
 - Accessible Transportation and Mobility (ABE60)
 - Section - Pedestrians and Cycles (ANF00)
 - Pedestrians (ANF10)
 - Bicycle Transportation (ANF20)

- Task Force:
 - Task Force on Arterials and Public Health (ADD55T)

- Council:
 - Young Member Council (A0040T)

To become Friend of any committee visit MyTRB.org

Cooperative Research Program (CRP)

- NCHRP Reports
 - NCHRP Report, Issue 803 - Pedestrian and Bicycle Transportation Along Existing Roads—ActiveTrans Priority Tool Guidebook.
 - NCHRP Report, Issue 797 - Guidebook on Pedestrian and Bicycle Volume Data Collection.
 - NCHRP Report, Issue 770 - Estimating Bicycling and Walking for Planning and Project Development: A Guidebook.
 - NCHRP Report, Issue 766 - Recommended Bicycle Lane Widths for Various Roadway Characteristics.
 - NCHRP Report, Issue 674 - Crossing Solutions at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities.

- NCHRP Synthesis of Highway Practice
 - NCHRP Synthesis of Highway Practice, Issue 436 - Local Policies and Practices That Support Safe Pedestrian Environments.
 - NCHRP Synthesis of Highway Practice, Issue 434 - Use of the U.S. Census Bureau's Public Use Microdata Sample (PUMS) by State Departments of Transportation and Metropolitan Planning Organizations.
 - NCHRP Synthesis of Highway Practice, Issue 414 - Effective Delivery of Small-Scale Federal-Aid Projects.

- NCHRP Web Documents
 - NCHRP Web Document, Issue 208 - Design Guidance for Channelized Right-Turn Lanes.
 - NCHRP Web Document, Issue 205 - Methods and Technologies for Pedestrian and Bicycle Volume Data Collection.

- TCRP Reports
 - TCRP Report, Issue 175 - Guidebook on Pedestrian Crossings of Public Transit Rail Services.
 - TCRP Report, Issue 95 - Traveler Response to Transportation System Changes. Chapter 16 - Pedestrian and Bicycle Facilities.
 - TCRP Report, Issue 95 - Traveler Response to Transportation System Changes. Chapter 1 - Introduction.

- Transportation Research E-Circulars
 - Transportation Research E-Circular, Issue E-C193 - Surface Transportation Financing: Innovation, Experimentation, and Exploration. Summary of the Fifth International Conference, July 9–11, 2014, Arnold and Mabel Beckman Conference Center, Irvine, California.
 - Transportation Research E-Circular, Issue E-C183 - Monitoring Bicyclist and Pedestrian Travel and



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Behavior: Current Research and Practice.

- Other Reports
 - NCHRP Legal Research Digest, Issue 65 - Liability Aspects of Pedestrian Facilities.
 - TRANSIT-IDEA Program Project Final Report - A Context Aware Transit Navigator.
 - Access Management Manual.
 - TCRP Web Document, Issue 63 - Treatments Used at Pedestrian Crossings of Public Transit Rail Services.
- Current research
 - Guidelines for Accessible Pedestrian Signals (NCHRP 03-62)
 - Guidelines for the Application of Crossing Solutions at Roundabouts and Channelized Turn Lanes to Assist Pedestrians with Vision Disabilities (NCHRP 03-78B)
 - Proposed Update of the AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities (NCHRP 15-45)
 - Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments (NCHRP 17-56)
 - Systemic Pedestrian Safety Analyses (NCHRP 17-73)
 - Application of Pedestrian Crossing Treatments for Streets and Highways Active (Synthesis) (NCHRP Synthesis 20-05/Topic 46-10)
 - Bicyclist Facility Preferences and Effects on Increasing Bicycle Trips (NCHRP 08-102)
 - Proposed Update of the AASHTO Guide for the Development of Bicycle Facilities Active (NCHRP 15-60)
- Upcoming projects
 - Design Options to Reduce Turning Motor Vehicle Conflicts with Bicyclists and Pedestrians at Intersections (NCHRP 15-63)

Panel Member nominations accepted (<http://www.trb.org/TCRP/CRPInfoPanelMembers.aspx>)

Second Strategic Highway Research Program (SHRP 2)

- SHRP 2 Report, Issue Report S2-C16-RR-1 - Effect of Smart Growth Policies on Travel Demand.
- SHRP 2 Project Brief - Travel Time Reliability 2030: Innovations and Strategies for Today and Tomorrow.
- SHRP 2 Capacity Project C18C - A New Route to Complete Streets? Using the TCAPP Model in Grand Rapids, Minnesota.
- SHRP 2 Report, Issue S2-C46-RR-1 - Activity-Based Travel Demand Models: A Primer.

Other Relevant Reports

- Livable Cities of the Future: Proceedings of a Symposium Honoring the Legacy of George Bugliarello (2014, *National Academy of Engineering*)