TRB Snap Search: Pedestrian & Bicycle

TRB’s involvement in research on Pedestrian & Bicycle from 2018-2019

The Transportation Research Board (TRB) provides innovative, research-based solutions to improve how we move. TRB is part of the National Academies of Sciences, Engineering, and Medicine, an independent, non-profit institution that provides objective advice on scientific, engineering, and medical issues.

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

All available Snap Searches can be accessed online here: [http://www.trb.org/InformationServices/Snap.aspx](http://www.trb.org/InformationServices/Snap.aspx)

TRB Research

TRID – The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation
- Click here to view search results on TRB published research Pedestrian & Bicycle within the past year.

Subject Webpage
- Pedestrian & Bicyclist Research at TRB

Recent Reports & Publications

- National Cooperative Highway Research Program (NCHRP)
  - Report 893 - Systemic Pedestrian Safety Analyses
  - Report 880 - Design Guide for Low-Speed Multimodal Roadways
  - Report 855 - An Expanded Functional Classification System for Highways and Streets
  - Web-Only Document 256 - Assessing Interactions Between Access Management Treatments and Multimodal Users
  - Web-Only Document 117B - Guidelines for Accessible Pedestrian Signals

- Transit Cooperative Research Program (TCRP)
  - Report 132 - Public Transit and Bikesharing

Current & Upcoming Projects

- Current Projects
  - NCHRP 03-78C - Training and Technology Transfer for Accessibility Guidelines for Roundabouts and Channelized Turn Lanes
  - NCHRP 03-133 - Traffic Signal Design and Operations Strategies for Non-Motorized Users
  - NCHRP 07-25 - Guide for Pedestrian and Bicycle Safety at Alternative Intersections and Interchanges (A.I.I.)
  - NCHRP 08-102 - Bicyclist Facility Preferences and Effects on Increasing Bicycle Trips
  - NCHRP 15-63 - Guidance to Improve Pedestrian and Bicycle Safety at Intersections
  - NCHRP 17-56 - Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments
  - NCHRP 17-84 - Pedestrian and Bicycle Safety Performance Functions for the Highway Safety Manual
  - NCHRP 17-87 - Enhancing Pedestrian Volume Estimation and Developing HCM Pedestrian Methodologies for Safe and Sustainable Communities
  - NCHRP 22-37 - Development of a MASH Barrier to Shield Pedestrians, Bicyclists, and Other Vulnerable Users from Motor Vehicles
  - NCHRP IDEA 20-30/IDEA 209 - An Automated System for Pedestrian Facility Data Collection from Aerial Images
  - NCHRP Synthesis 20-05/Topic 49-08 - Pedestrian Safety Relative to Traffic Speed Management
  - NCHRP Synthesis 20-05/Topic 50-10 - Availability of Pedestrian Infrastructure Data For Routing and Network Analysis
  - Transit IDEA J-04/IDEA 87 - Development of pathNav: A Pedestrian Navigation Tool that Utilizes Smart Data for Improved Accessibility and Walkability
  - Transit IDEA J-04/IDEA 91 - Comprehensive Wayfinding for All (CWall)
• **Upcoming Projects**
  - ACRP 06-08 - Human Factors in Airport Airside Operations
  - NCHRP 03-136 - Evaluating the Performance of Right-Turn-On-Red Operation at Signalized Intersections (with single and dual right-turn lanes)
  - NCHRP 15-73 - Design Options to Reduce Turning Motor Vehicle–Bicycle Conflicts at Intersections
  - NCHRP 15-74 - Safety Evaluation of On-Street Bikeway Designs
  - NCHRP Synthesis 20-05/Topic 51-04 - Practices for Selecting Pedestrian and Bicycle Projects
  - TCRP J-11/Task 37 - Transit and Micro-Mobility (Bikeshare, Scooter-share, etc.)

Reports from the **National Academies Press** on Pedestrian & Bicycle
  - Exploring Equity in Multisector Community Health Partnerships
  - Achieving Rural Health Equity and Well-Being
  - Advancing Obesity Solutions Through Investments in the Built Environment

**Committees & Panels**

**Sign-up to be a committee "Friend"**

**TRB Standing Committees** - Search by transportation mode and committee topic
  - ABE30 – Transportation Issues in Major Cities
  - ABE60 – Accessible Transportation and Mobility
  - ABF00 – Pedestrians and Cycles
  - ABF10 – Pedestrians
  - ABF20 – Bicycle Transportation

**Task Forces** - Search for *task force* under committee here

**CRP Panels**
  - Project Panels Related to Pedestrians and Bicyclists

**Councils**
  - A0040T – Young Member Council

**Recent and Upcoming Events**

**Upcoming Conferences** - Left hand menu "upcoming conferences by topic"

*Conferences cosponsored by TRB are denoted with an asterisk.*

**Conference on Health and Active Transportation**
*December 11, 2019*
*Washington, DC*

**5th Conference of Transportation Research Group of India (CTRG)**
*December 18, 2019*
*Bhopal, Madhya Pradesh, India*

**Webinars** – View upcoming webinars, suggest a webinar or add registration information

**Past Webinars**
  - Pedestrians and Bicyclists

**TRB’s Transportation Research Information Services (TRIS)**

TRIS includes the **TRB Library** and the **TRIS Databases** (listed below) which are available 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

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 - pubsindextrb.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

Snap Searches - Formerly called 'Overview Guides,' Snap Searches provide a succinct summary of activities in TRB on a given topic including: upcoming events such as conferences and webinars; names of Committees working on relevant issues; and a list of recent reports from TRB and The National Academies - www.trb.org/InformationServices/Snap.aspx

Contact the Library at TRBLibrary@nas.edu or (202) 334-2989