TRB Snap Search: Pedestrian & Bicycle

TRB’s involvement in research on Pedestrian & Bicycle from 2019-2020

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](http://www.trb.org/)

Recent Reports & Publications

- **National Cooperative Highway Research Program (NCHRP)**
  - Report 941 - Bicyclist Facility Preferences and Effects on Increasing Bicycle Trips
  - Synthesis 535 - Pedestrian Safety Relative to Traffic-Speed Management
  - Web-Only Document 273 - Road User Understanding of Bicycle Signal Faces on Traffic Signals

- **Transit Cooperative Research Program (TCRP)**
  - IDEA Report 87 - Development of pathNav: A Pedestrian Navigation Tool that Utilizes Smart Data for Improved Accessibility and Walkability

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 03-136 - Evaluating the Performance of Right-Turn-On-Red Operation at Signalized Intersections (with single and dual right-turn lanes)
  - NCHRP 07-25 - Guide for Pedestrian and Bicycle Safety at Alternative Intersections and Interchanges (A.I.I.)
  - 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 20-44(13) - Implementation of NCHRP Research Report 893: The Oregon DOT Statewide Pedestrian and Bicycle Plan
  - 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 IDEA 20-30/IDEA 217 - A Real-Time Proactive Intersection Safety Monitoring and Visualization System Based on Radar Sensor Data
  - NCHRP Synthesis 20-05/Topic 49-08 - Pedestrian Safety Relative to Traffic Speed Management
• **Upcoming Projects**
  - ACRP 06-08 - Human Factors in Airport Airside Operations
  - NCHRP 03-112A - Guidelines for Selecting Lane Widths on Urban and Suburban Arterials
  - NCHRP 15-73 - Design Options to Reduce Turning Motor Vehicle–Bicycle Conflicts at Intersections
  - NCHRP 15-74 - Safety Evaluation of On-Street Bikeway Designs

**Reports from the National Academies Press** on Pedestrian & Bicycle
  - Leading Health Indicators 2030 - Advancing Health, Equity, and Well-Being
  - Implementing Strategies to Enhance Public Health Surveillance of Physical Activity in the United States
  - Adapting to the 21st Century Innovation Environment
  - Enhancing Urban Sustainability with Data, Modeling, and Simulation

**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.)*

**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](http://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 - [pubsindex.trb.org](http://pubsindex.trb.org)
**Research in Progress (RiP) Database** – Current or recently completed transportation research projects - [rip.trb.org](http://rip.trb.org)

**Research Needs Statements (RNS)** – Research needs as identified by TRB Technical Activities standing committees - [rns.trb.org](http://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](http://www.trb.org/InformationServices/Snap.aspx)

Contact the Library at TRBLibrary@nas.edu or 1 (202) 334-2989