

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Pedestrian & Bicycle

TRB's involvement in research on Pedestrian & Bicycle from 2021-2022

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>

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](#)

Specialty Reports

- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)

Recent Reports & Publications

- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [NCHRP 20-44\(13\)](#) - Implementation of NCHRP Research Report 893: The Oregon DOT Statewide Pedestrian and Bicycle Plan
 - [Report 959](#) - Diverging Diamond Interchange Informational Guide, Second Edition
 - [Report 948](#) - Guide for Pedestrian and Bicyclist Safety at Alternative and Other Intersections and Interchanges
 - [Report 941](#) - Bicyclist Facility Preferences and Effects on Increasing Bicycle Trips
 - [Report 926](#) - Guidance to Improve Pedestrian and Bicyclist Safety at Intersections
 - [Synthesis 564](#) - Practices for Selecting Pedestrian and Bicycle Projects
 - [Synthesis 558](#) - Availability and Use of Pedestrian Infrastructure Data to Support Active Transportation Planning
 - [Web-Only Document 284](#) - Decision-Making Guide for Traffic Signal Phasing
 - [Web-Only Document 273](#) - Road User Understanding of Bicycle Signal Faces on Traffic Signals
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Report 230](#) - Transit and Micromobility
 - [Synthesis 152](#) - Transit Agency Relationships and Initiatives to Improve Bus Stops and Pedestrian Access

Current & Upcoming Projects

- [Current Projects](#)
 - [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 03-141](#) - Guidance on Midblock Pedestrian Signals (MPS)
 - [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 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 22-46](#) - Human Factors Guidelines for Road Systems, Proposed 4th Edition
- [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 52-13](#) - Micromobility Policies, Permits, and Practices
- [NCHRP Synthesis 20-05/Topic 52-15](#) - Measuring Investments in Active Transportation When Accomplished as Part of Other Transportation Projects
- [NCHRP Synthesis 20-05/Topic 53-12](#) - Practices for Adding Bicycle and Pedestrians Access on Existing Vehicle Bridges
- [TCRP J-11/Task 37](#) - Transit and Micro-Mobility (Bikeshare, Scooter-share, etc.)
- [Transit IDEA J-04/IDEA 91](#) - Comprehensive Wayfinding for All (CWall)
- [Transit IDEA J-04/IDEA 98](#) - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users
- [Upcoming Projects](#)
 - [ACRP 06-08](#) - Human Factors in Airport Airside Operations
 - [BTSCRIP BTS-21](#) - Equity in Pedestrian and Bicyclist Mobility, Safety, and Health: The Impact of Racial Bias
 - [NCHRP 07-31](#) - State DOT Usage of Bicycle and Pedestrian Data: Practices, Sources, Needs, and Gaps
 - [NCHRP 08-149](#) - Impacts of Active Transportation Network Gaps
 - [NCHRP 17-97](#) - Strategies to Improve Pedestrian Safety at Night
 - [NCHRP 20-102\(33\)](#) - Safety of Vulnerable Road Users in a C/AV Future

Reports from the [National Academies Press](#) on Pedestrian & Bicycle

- [Dialogue About the Workforce for Population Health Improvement](#)
- [Leveraging Health Communication, Data, and Innovative Approaches for Sustainable Systems-Wide Changes to Reduce the Prevalence of Obesity](#)
- [Harnessing the Value of Co-Creating and Stewarding Places for Health, Equity, and Well-Being](#)

Committees & Panels

[Sign-up to be a committee "Friend"](#)

TRB Standing Committees – Search by transportation mode and committee topic

- [A0030C](#) – City Transportation Issues Coordinating Council
- [ACH10](#) – Pedestrians
- [ACH20](#) – Bicycle Transportation
- [AME50](#) – Accessible Transportation and Mobility
- [AP050](#) - Bus Transit Systems

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

CRP Panels

- [Project Panels Related to Pedestrians and Bicyclists](#)

Councils

- [A001C](#) – Young Member Coordinating Council

Recent and Upcoming Events

[Upcoming Conferences](#)- Left hand menu “upcoming conferences by topic”
(Conferences cosponsored by TRB are denoted with an asterisk.)

[TRB Virtual Careers in Motion Networking Fair](#)

December 8, 2021

Washington, DC

[13th Access Management Conference](#)

July 1, 2022

online

[TRANSED: Mobility, Accessibility, and Demand Response Transportation Conference](#)

September 12, 2022

Seattle, WA

[TRB Scenario Planning Conference](#)

September 19, 2022

Washington, DC

[Upcoming Events](#) – In the Upcoming Events tab under Types, choose what event you are interested in, search titles by keyword

[Past Events](#) - In the Past Events tab under Types, choose what event you are interested in, search titles by keyword

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:

- **Transportation Research International Documentation (TRID)** – trid.trb.org - The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation
- **Transportation Research Thesaurus (TRT)** – trt.trb.org – A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – rip.trb.org - Current or recently completed transportation research projects
- **Research Needs Statements (RNS)** – rns.trb.org - Research needs as identified by TRB Technical Activities standing committees
- **Publications Index (PubsIndex) Database** – pubsindex.trb.org - The papers, articles and reports published by the Transportation Research Board, Strategic Highway Research Programs or the Marine Board

Contact or Questions: TRBLibrary@nas.edu