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 Snap Search: Pedestrian & Bicycle**

TRB’s involvement in research on Pedestrian & Bicycle from 2020-2021

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**TRID Research**

[TRID – The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation](http://www.trb.org) provides an extensive portfolio of services:

- 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)](http://www.trb.org)
  - NCHRP 20-44(13) - Implementation of NCHRP Research Report 893: The Oregon DOT Statewide Pedestrian and Bicycle Plan
  - 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 273 - Road User Understanding of Bicycle Signal Faces on Traffic Signals

- [Transit Cooperative Research Program (TCRP)](http://www.trb.org)
  - IDEA Report 87 - Development of pathNav: A Pedestrian Navigation Tool that Utilizes Smart Data for Improved Accessibility and Walkability

**Current & Upcoming Projects**

- [Current Projects](http://www.trb.org)
  - 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 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

**Updated 5/06/2021**
o NCHRP IDEA 20-30/IDEA 209 - An Automated System for Pedestrian Facility Data Collection from Aerial Images
o NCHRP IDEA 20-30/IDEA 217 - A Real-Time Proactive Intersection Safety Monitoring and Visualization System Based on Radar Sensor Data
o NCHRP Synthesis 20-05/Topic 51-04 - Practices for Selecting Pedestrian and Bicycle Projects
o NCHRP Synthesis 20-05/Topic 52-13 - Micromobility Policies, Permits, and Practices
o NCHRP Synthesis 20-05/Topic 52-15 - Measuring Investments in Active Transportation When Accomplished as Part of Other Transportation Projects
o TCRP I-11/Task 37 - Transit and Micro-Mobility (Bikeshare, Scooter-share, etc.)
o TCRP Synthesis I-07/Topic SD-06 - Transit Agency Relationships and Initiatives to Improve
o Transit IDEA I-04/IDEA 91 - Comprehensive Wayfinding for All (CWall)
o Transit IDEA I-04/IDEA 98 - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users

- **Upcoming Projects**
  o ACRP 06-08 - Human Factors in Airport Airside Operations
  o NCHRP 03-141 - Guidance on Midblock Pedestrian Signals (MPS)
  o NCHRP 07-31 - State DOT Usage of Bicycle and Pedestrian Data: Practices, Sources, Needs, and Gaps
  o NCHRP 08-149 - Impacts of Active Transportation Network Gaps
  o NCHRP 17-97 - Strategies to Improve Pedestrian Safety at Night
  o NCHRP 20-102(33) - Safety of Vulnerable Road Users in a C/AV Future

- **Reports from the National Academies Press on Pedestrian & Bicycle**
  o Advancing Urban Sustainability in China and the United States
  o Health-Focused Public–Private Partnerships in the Urban Context
  o Advancing Effective Obesity Communications
  o Leading Health Indicators 2030 - Advancing Health, Equity, and Well-Being

- **Committees & Panels**
  - Sign-up to be a committee "Friend"
  - **TRB Standing Committees** – Search by transportation mode and committee topic
    o A0030C – City Transportation Issues Coordinating Council
    o ABF00 – Pedestrians and Cycles
    o ACH10 – Pedestrians
    o ACH20 – Bicycle Transportation
    o AME50 – Accessible Transportation and Mobility
  - **Task Forces** - Search for task force under committee here

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

- **Councils**
  o 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.)
    - **Research Day at ITF Annual Summit - Transport Innovation for Sustainable Development**
      *May 11, 2021*
      Online
    - **2021 NAEP Annual Conference and Training Symposium**
      *May 16, 2021*
      Online
    - **TRB Conference on Planning Applications**
      *June 21, 2021*
      Online
How We Move Matters: Exploring the Connections between New Transportation and Mobility Options and Environmental Health
July 1, 2021
Online

National Conference on Transportation Asset Management
August 10, 2021
Online

13th Access Management Conference
July 1, 2022
Online

International Conference on Mobility and Transport for Older Adults and People with Disabilities (TRANSED)
September 1, 2022
Seattle, WA

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

Past Webinars
  o 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:

  - 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