TRB Snap Search: Rural Transportation

TRB's involvement in research on Rural Transportation from 2019-2021

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 on Rural Transportation within the past two years.

Recent Reports & Publications

- **National Cooperative Highway Research Program (NCHRP)**
  - [NCHRP 20-65/Task 76](#) - Opportunities for State DOTs (and Others) to Encourage Shared Use Mobility Practices in Rural Areas
  - [Report 914](#) - Measuring, Characterizing, and Reporting Pavement Roughness of Low-Speed and Urban Roads
  - [Synthesis 555](#) - Estimating and Contracting Rock Slope Scaling Adjacent to Highways
  - [Web-Only Document 295](#) - Improved Prediction Models for Crash Types and Crash Severities
  - [Web-Only Document 263](#) - White Papers for Right-Sizing Transportation Investments

- **Transit Cooperative Research Program (TCRP)**
  - [IDEA Report 90](#) - sUAS-based GeoINTEL1 for Commuter Rail Parking in Rural and Suburban Areas

- **Transportation Research Circulars**
  - [E-Circular 272](#) - Technology Exchange on Local Roads Bridge Programs
  - [E-Circular 248](#) - 12th International Conference on Low-Volume Roads

Current & Upcoming Projects

- **Current Projects**
  - [BTSCRPT BTS-15](#) - Highway Safety Strategies for Rural Communities
  - [NCHRP 03-132](#) - Guidance for Safe and Effective Temporary Traffic Control for Mobile Operations on Two-Lane Two-Way Roadways
  - [NCHRP 08-131](#) - Access to Jobs, Economic Opportunities, and Education in Rural Areas
  - [NCHRP 08-120](#) - Initiating the Systems Engineering Process for Rural Connected Vehicle Corridors
  - [NCHRP 08-135](#) - Reliability and Quality of Service Evaluation Methods for Rural Highways
  - [NCHRP 17-92](#) - Developing Safety Performance Functions for Rural Two-Lane Highways that Incorporate Speed Measures
  - [NCHRP 20-65/Task 81](#) - Best Practices in Rural Service Assessment
  - [NCHRP 20-65/Task 78](#) - Impact of Decline in Volunteerism on Rural Transit Systems
  - [NCHRP 20-122](#) - Rural Transportation Issues: Research Roadmap
  - [NCHRP Synthesis 20-05/Topic 51-11](#) - Lighting Practices for Isolated Rural Intersections

- **Upcoming Projects**
  - [NCHRP 08-130](#) - Best Practices in Coordination of Public Transit and Ride Sharing

Updated 07/12/2021
NCHRP 08-144 - Best Practices in Determining Rural Transit Fleet Size – How to Provide Service for Changing Demographics of Rural Ridership (Right-sizing of Rural Transit Fleets)
NCHRP 08-147 - Improving Public Transportation in Rural Areas and Tribal Communities
NCHRP 17-106 - Motorist Behavior and Safety Impacts on Bicyclists from Centerline and Shoulder Rumble Strips on High-Speed Two-Lane Highways

Reports from the National Academies Press on Rural Transportation

- Population Health in Rural America in 2020
- Population Health Science in the United States
- Enhancing Community Resilience through Social Capital and Social Connectedness
- The Challenge of Feeding the World Sustainably
- Changing Expectations for the K-12 Teacher Workforce - Policies, Preservice Education, Professional Development, and the Workplace
- Achieving Behavioral Health Equity for Children, Families, and Communities
- Improving Data Collection and Measurement of Complex Farms
- Birth Settings in America: Outcomes, Quality, Access, and Choice

Committees & Panels

Sign-up to be a committee "Friend"

TRB Standing Committees – Search by transportation mode and committee topic

- AEP15 - Transportation Planning Analysis and Application
- AKD30 - Low-Volume Roads
- AME10 - Equity in Transportation
- AP055 - Rural Public and Intercity Bus Transportation

Task Forces - Search for task force under committee here

CRP Panels

- D08131 - Access to Jobs, Economic Opportunities, and Education in Rural Areas
- D08135 - Reliability and Quality of Service Evaluation Methods for Rural Highways
- D08144 - Best Practices in Determining Rural Transit Fleet Size
- D08147 - Design Guide for Rural Deviated Fixed Route Transit Systems
- D1530 - Median Intersection Design for Rural High-Speed Divided Highways
- D1792 - Developing Safety Performance Functions for Rural Two-Lane Highways that Incorporate Speed Measures
- D20122 - Workshop on Rural Transportation Issues and Needs
- D2525118 - Context Sensitive Design Options for Workhorse Bridges in Rural Historic Districts
- D8015 - Highway Safety Strategies for Rural Communities
- SN4807 - Investment Prioritization Methods for Low Volume Roads
- SN4811 - Practices in One Lane Traffic Control on a Two-Lane Rural Highway
- SN5111 - Lighting Practices for Isolated Rural Intersections

Councils

- A001C - Young Member Council
- A0040C - Rural Transportation Issues Coordinating Council

Recent and Upcoming Events

Upcoming Conferences - Left hand menu “upcoming conferences by topic”

(Conferences cosponsored by TRB are denoted with an asterisk.)

How We Move Matters: Exploring the Connections between New Transportation and Mobility Options and Environmental Health
July 13, 16, and 21, 2021
online

Bridging Transportation Researchers Online Conference*
August 5-6, 2021
online

National Conference on Transportation Asset Management
August 10-12, 2021
online
Conference on Advancing Transportation Equity
September 9-10, 13-14, 2021
online

24th National Conference on Rural Public and Intercity Bus Transportation
October 25-27, 2021
Online

Conference on Sustainability and Emerging Transportation Technology
March 15-18, 2022
Irvine, CA

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

TRB International Conference on Low-Volume Roads
July 23-26, 2023
Cedar Rapids, IA

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

Past Webinars
- Improving Transportation Access to Health Care – May 18, 2021
- Chemical Treatments on Low-Volume Roads – March 3, 2021
- Specifying Clay and Gravel for Road Surfacing – December 9, 2020
- What’s Cooler than Cool? Cooler Pavements for Urban Heat Island Mitigation – August 13, 2020
- Human Trafficking and Mobility of Missing and Murdered Indigenous Women – July 29, 2020
- Road Safety in Low- and Middle-Income Countries – November 25, 2019
- Driving Surface Aggregate – Improving Performance and Sustainability – November 13, 2019
- Practices and Marketing to Increase Rural Transit Ridership and Investment - August 27, 2019

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