TRB Snap Search: Rural Transportation

TRB’s involvement in research on Rural Transportation from 2021-2023

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 on Rural Transportation within the past two years.

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)
  - Report 995 - Guidelines for Treatments to Mitigate Opposite Direction Crashes (NAP link not working)
  - Report 988 - Rural Transportation Issues: Research Roadmap
  - Report 978 - Initiating the Systems Engineering Process for Rural Connected Vehicle Corridors, Volume 1: Research Overview
  - Synthesis 575 - Lighting Practices for Isolated Rural Intersections
  - Web-Only Document 354 - Safe and Effective Temporary Traffic Control for Mobile Operations on Two-Lane Roadways
  - Web-Only Document 349 - Virtual Public Involvement: Lessons from the COVID-19 Pandemic
  - Web-Only Document 295 - Improved Prediction Models for Crash Types and Crash Severities

- Transportation Research Circulars
  - E-Circular 272 - Technology Exchange on Local Roads Bridge Programs

Current & Upcoming Projects

- Current Projects
  - RTSCRP BTS-15 - Highway Safety Behavioral Strategies for Rural Areas
  - NCHRP 08-135 - Reliability and Quality of Service Evaluation Methods for Rural Highways
  - NCHRP 08-147 - Improving Public Transportation in Rural Areas and Tribal Communities
  - NCHRP 08-149 - Estimating Benefits of Closing Gaps in Active Transportation Networks
- **NCHRP 17-92** - Developing Safety Performance Functions for Rural Two-Lane Highways that Incorporate Speed Measures
- **NCHRP 17-106** - Motorist Behavior and Safety Impacts on Bicyclists from Centerline and Shoulder Rumble Strips on High-Speed Two-Lane Highways
- **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
- **TCRP B-49** - Improving Public Transportation in Rural Areas and Tribal Communities

**Upcoming Projects**
- **NCHRP 08-130** - Best Practices in Coordination of Public Transit and Ride Sharing
- **NCHRP 08-144** - Rural Transit Fleet Mix and Vehicle Size Decision Trees
- **NCHRP 15-82** - Relationship of Speed, Roadway Geometrics, and Crashes on High-Speed Rural Highways
- **NCHRP 17-106** - Motorist Behavior and Safety Impacts on Bicyclists from Centerline and Shoulder Rumble Strips on High-Speed Two-Lane Highways
- **TCRP A-51** - Innovative Practices for Technology Implementation at Rural, Small, and Mid-Sized Transit Agencies
- **TCRP D-23** - Guidebook for Planning and Constructing a Small and Rural Tribal Transit Facility
- **TCRP J-07/Topic SB-42** - Operational and Service Factors When Integrating/Consolidating ADA Paratransit and Microtransit
- **TCRP Synthesis J-07/Topic SB-41** - Microtransit Solutions in Rural Communities: On-Demand Alternatives to Dial-A-Ride Services and Unproductive Coverage Routes

**Reports from the National Academies Press on Rural Transportation**
- **Navigating an Electric Vehicle Future: Proceedings of a Workshop**
- **Building Resilience into the Nation's Medical Product Supply Chains**
- **Closing the Opportunity Gap for Young Children**
- **Integrating Serious Illness Care into Primary Care Delivery**
- **Providing Health Literate Virtual Health Services**
- **Communities, Climate Change, and Health Equity**
- **Population Health in Rural America in 2020**
- **The Future of Nursing 2020-2030**
- **Population Health Science in the United States**
- **Enhancing Community Resilience through Social Capital and Social Connectedness**
- **The Challenge of Feeding the World Sustainably**

**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, Intercity Bus, and Specialized Transportation

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

**CRP Panels**
- **D08120** - Initiating the Systems Engineering Process for Rural Connected Vehicle Corridors
- **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
- **D08183** - Volunteer Driver Programs (VDPs) Serving Rural and Low Density Communities
- **D1582** - Effects of Operating Speed and Posted Speed Limit in Conjunction with Roadway Geometric Design on Safety Performance for High-Speed Rural Highways and Freeways
- **D1792** - Developing Safety Performance Functions for Rural Two-Lane Highways that Incorporate Speed Measures
- **D20122** - Workshop on Rural Transportation Issues and Needs
- **DB015** - Highway Safety Strategies for Rural Communities
- **SN4807** - Investment Prioritization Methods for Low Volume Roads
- **SN5111** - Lighting Practices for Isolated Rural Intersections
Microtransit Solutions in Rural Communities: On-Demand Alternatives to Dial-A-Ride Services and Unproductive Coverage Routes

Innovative Practices for Technology Implementation at Rural, Small, and Mid-Sized Transit Agencies

Guidebook for Planning and Constructing a Small and Rural Tribal Transit Facility

Councils

- A0040C - Rural Transportation Issues Coordinating Council

Recent and Upcoming Events

Upcoming TRB Conferences – Use left hand menu to filter events

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

**TRB Transportation Resilience 2023**  
*November 13-15, 2023*  
*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
- **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