TRB Snap Search: Rural Transportation

TRB's involvement in research on Rural Transportation from 2020-2022

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 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 988 - Rural Transportation Issues: Research Roadmap
  - Report 978 - Initiating the Systems Engineering Process for Rural Connected Vehicle Corridors, Volume 1: Research Overview
  - 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

Current & Upcoming Projects

- Current Projects
  - BTSCRPTPS-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 08-135 - Reliability and Quality of Service Evaluation Methods for Rural Highways
  - NCHRP 08-147 - Improving Public Transportation in Rural Areas and Tribal Communities
- 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 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
  - 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 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
- 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
- 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**

- 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
- 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
- DB015 - Highway Safety Strategies for Rural Communities
- SN4807 - Investment Prioritization Methods for Low Volume Roads
- 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.)

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

**TRANSED: Mobility, Accessibility, and Demand Response Transportation Conference**
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