TRB Snap Search: Rural Transportation

TRB's involvement in research on Rural Transportation from 2018-2020

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.

Recent Reports & Publications

- Letter Reports
  - Research and Technology Coordinating Committee - Letter Report: November 9, 2018

- 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
  - NCHRP 20-65/Task 73 - Best Practices and Marketing to Increase Rural Transit Ridership and Investment
  - Report 914 - Measuring, Characterizing, and Reporting Pavement Roughness of Low-Speed and Urban Roads
  - Report 861 - Best Practices in Rural Regional Mobility
  - Report 855 - An Expanded Functional Classification System for Highways and Streets
  - Synthesis 555 - Estimating and Contracting Rock Slope Scaling Adjacent to Highways
  - Synthesis 525 - Practices in One-Lane Traffic Control on a Two-Lane Rural Highway
  - Synthesis 521 - Investment Prioritization Methods for Low-Volume Roads
  - Web-Only Document 281 - Integrating Tribal Expertise into Processes to Identify, Evaluate, and Record Cultural Resources
  - Web-Only Document 255 - Improved Analysis of Two-Lane Highway Capacity and Operational Performance
  - Web-Only Document 230 - Developing an Expanded Functional Classification System for More Flexibility in Geometric Design

- 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 248 - 12th International Conference on Low-Volume Roads

Current & Upcoming Projects

- Current Projects
  - NCHRP 03-132 - Guidance for Safe and Effective Temporary Traffic Control for Mobile Operations on Two-Lane Two-Way Roadways
  - NCHRP 08-120 - Initiating the Systems Engineering Process for Rural Connected Vehicle Corridors
  - 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

Updated 06/04/2020
• **Upcoming Projects**
  - BTSRCP BTS-15 - Highway Safety Strategies for Rural Communities
  - 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 08-144 - 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 - Design Guide for Rural Deviated Fixed Route Transit Systems

**Reports from the National Academies Press on Rural Transportation**

- **Birth Settings in America: Outcomes, Quality, Access, and Choice**
- **Achieving Rural Health Equity and Well-Being**
- **Getting to Zero Alcohol-Impaired Driving Fatalities**
- **Rationalizing Rural Area Classifications for the Economic Research Service**

**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
- **DB015** - 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

**Recent and Upcoming Events**

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

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

  **International Symposium on Pavement, Roadway, and Bridge Life Cycle Assessment 2020**
  *January 13-15, 2021*
  Sacramento, California

  **International Conference on Managing Pavement Assets (ICMPA)**
  *June 8-11, 2021*
  Chicago, Illinois

  **24th National Conference on Rural Public and Intercity Bus Transportation**
  *October 24-27, 2021*
  Charleston, South Carolina
Webinars – View upcoming webinars, suggest a webinar or add registration information

Past Webinars

- 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
- Reducing Pavement Damage Due to Spring Thaw - October 30, 2018
- Successful Mobility Management Practices in Small Urban and Rural Areas - October 15, 2018
- Practices in Rural RegionalMobility: Case Studies and Lessons Learned - September 27, 2018
- Beyond Volume: Investment Prioritization Methods for Low-Volume Roads - August 29, 2018
- Structural Design of Porous Asphalt Pavements - July 17, 2018

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:

TRID – The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation - trid.trb.org

Publications Index (PubsIndex) Database – The papers, articles and reports published by the Transportation Research Board, Highway Research Board, Strategic Highway Research Programs or the Marine Board - pubsindex.trb.org

Research in Progress (RiP) Database – Current or recently completed transportation research projects - rip.trb.org

Research Needs Statements (RNS) – Research needs as identified by TRB Technical Activities standing committees - rns.trb.org

Contact the Library at TRBLibrary@nas.edu or l (202) 334-2989