

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Demand Responsive & Innovative Transportation Services

TRB's involvement in research on Demand Responsive & Innovative Transportation Services from 2021-2022

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 Demand Responsive & Innovative Transportation Services within the past year.

Subject Webpages

- [Public Transportation Research at TRB](#)
- [Passenger Transportation Research at TRB](#)

Specialty Report

- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Legal Research Digest 39](#) - Updated Survey of Laws and Regulations Applicable to Airport Commercial Ground Transportation
 - [Report 231](#) - Evaluating the Traveler's Perspective to Improve the Airport Customer Experience
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 952](#) - Guidebook for Managing Data from Emerging Technologies for Transportation
- [Special Reports / Consensus Studies](#)
 - [Report 337](#) - The Role of Transit, Shared Modes, and Public Policy in the New Mobility Landscape
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Research Results Digest 115](#) - Use of Agency Service Agreements in ADA Paratransit Delivery
 - [Report 231](#) - Recent Decline in Public Transportation Ridership: Analysis, Causes, and Responses
 - [Report 230](#) - Transit and Micromobility
 - [Report 227](#) - Prioritization of Public Transportation Investments: A Guide for Decision-Makers
 - [Report 224](#) - Guide to Joint Development for Public Transportation Agencies
 - [Synthesis 155](#) - Intelligent Transportation Systems in Headway-Based Bus Service
 - [Synthesis 154](#) - Innovative Practices for Transit Planning at Small to Mid-Sized Agencies
 - [Synthesis 153](#) - The Transit Analyst Toolbox: Analysis and Approaches for Reporting, Communicating, and Examining Transit Data
 - [Synthesis 152](#) - Transit Agency Relationships and Initiatives to Improve Bus Stops and Pedestrian Access
 - [Web-Only Document 73](#) - Guide to Joint Development for Public Transportation Agencies: Appendices

- [Transportation Research Circulars](#)
 - [E-Circular 268](#) - Insights, Inclusion, and Impact: Framing the Future for Women in Transportation

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 01-48](#) - Assessing Airport Programs for Travelers with Disabilities and Older Adults
 - [ACRP 01-43](#) - Update ACRP Report 26: Guidebook for Conducting Airport User Surveys
 - [ACRP 03-52](#) - Airport Common Use Program Development Guidebook
 - [ACRP 04-24](#) - Guidelines to Develop an Anti-Human Trafficking Action Plan for Airports
 - [NCHRP 08-131](#) - Access to Jobs, Economic Opportunities, and Education in Rural Areas
 - [NCHRP 08-133](#) - Implementing the National Intercity Bus Atlas
 - [NCHRP 08-147](#) - Improving Public Transportation in Rural Areas and Tribal Communities
 - [NCHRP 20-102\(11\)](#) - Mobility-on-Demand and Automated Driving Systems: A Framework for Public-Sector Assessment
 - [NCHRP 20-65/Task 82](#) - Issues Associated with Providing Customized, Client-Based Transportation Services
 - [NCHRP 20-65/Task 81](#) - Best Practices in Rural Service Assessment
 - [NCHRP 20-65/Task 79](#) - Program Management Insights for the 5310 Program (Including Sub-Grantee Consolidation and Urban 5310)
 - [NCHRP 20-65/Task 78](#) - Impact of Decline in Volunteerism on Rural Transit Systems
 - [NCHRP 20-123](#) - Support for AASHTO Committees and Councils
 - [NCHRP 23-04](#) - Statewide Insurance Pooling for Public Transit
 - [TCRP A-45](#) - Analysis of Fare Evasion Implications and Enforcement Approaches
 - [TCRP A-46](#) - Quantitative Procedures for Designing and Operating Ferry Transit Services
 - [TCRP A-43](#) - Recent Decline in Public Transportation Ridership: Analysis, Causes, Responses
 - [TCRP B-47](#) - Mobility Inclusion for Un(der)served Population with the Emerging Technologies
 - [TCRP B-48](#) - The Provision of Alternative Services by Transit Agencies: The Intersection of Regulation and Program
 - [TCRP C-24](#) - Transit Traction Power Cables: Replacement Guidelines
 - [TCRP F-28](#) - Practitioner's Guide to Bus Operator Workforce Management
 - [TCRP J-05/Topic 19-02](#) - Legal Issues and Emerging Technologies
 - [TCRP J-05/Topic 19-03](#) - Navigating the Complexities of Sensitive Security Information (SSI) and Protected Critical Infrastructure Information (PCII)
 - [TCRP J-05/Topic 20-01](#) - Legal Issues in Transit Mega Projects--Case Studies
 - [TCRP J-11/Task 37](#) - Transit and Micro-Mobility (Bikeshare, Scooter-share, etc.)
 - [TCRP J-11/Task 39](#) - Evaluation Framework for Fare-free Public Transportation
 - [TCRP J-11/Task 40](#) - Homelessness: A Guide for Public Transportation
 - [TCRP Synthesis J-07/Topic SA-50](#) - Cyber Security in Transit Systems
 - [TCRP Synthesis J-07/Topic SA-52](#) - Assessing Equity and Identifying Impacts Associated with Bus Network Redesigns
 - [TCRP Synthesis J-07/Topic SA-53](#) - BRT State of Practice, Experience, and Lessons Learned
 - [TCRP Synthesis J-07/Topic SB-32](#) - Use of Agency Trip Agreements in ADA Paratransit Service Delivery
 - [TCRP Synthesis J-07/Topic SB-34](#) - Coordination of Public Transit Services and Investments with Affordable Housing Policies
 - [TCRP Synthesis J-07/Topic SG-19](#) - Paratransit Service Delivery Models for Small Systems
 - [Transit IDEA J-04/IDEA 95](#) - Connected and Automated Parking Feasibility/MDOT MTA Dorsey Run Pilot Project
 - [Transit IDEA J-04/IDEA 99](#) - Bike Love
- [Upcoming Projects](#)
 - [ACRP 11-08\(20-02\)](#) - ACRP Insight Event--On-Demand Aviation Services for Passengers and Goods
 - [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 08-130](#) - Best Practices in Coordination of Public Transit and Ride Sharing
 - [NCHRP 19-19](#) - Sustaining a Zero Fare Public Transportation Program in a Post COVID-19 World
 - [NCHRP 23-13\(01\)](#) - Telecommuting, Remote Work, and Hybrid Schedules: Managing the Shift to a Flexible Work Future
 - [TCRP C-25](#) - Bus Operator Barrier Design
 - [TCRP D-21](#) - Planning for the Future of Intermodal Passenger Facilities: Guide and Decision-Making Framework
 - [TCRP J-05/Topic 20-02](#) - Liability Insurance Issues for Transit Lawyers: A Primer
 - [TCRP J-11/Task 42](#) - Maintaining Transportation Services for People With Disabilities, Paratransit, and Other Service Needs During a Pandemic

- [TCRP Synthesis I-07/Topic SA-55](#) - On Street Bus Operations Management
- [TCRP Synthesis I-07/Topic SB-35](#) - Customer Education and Awareness of On-Demand Mobility
- [TCRP Synthesis I-07/Topic SB-36](#) - Dynamic Optimization on ADA Paratransit Service

Reports from the [National Academies Press](#) on Demand Responsive & Innovative Transportation Services

- [Enhancing Federal Clean Energy Innovation](#)
- [The Future of Electric Power in the United States](#)
- [Materials Science and Engineering in a Post-Pandemic World: A DoD Perspective](#)
- [Data Analytics and What It Means to the Materials Community](#)

Committees & Panels

[Sign-up to be a committee "Friend"](#)

[TRB Standing Committees](#) – Search by transportation mode and committee topic

- [AEP50](#) - Transportation Demand Forecasting
- [AJE30](#) - Transportation Asset Management
- [AP000](#) - Public Transportation Group
- [AP010](#) - Transit Management and Performance
- [AP015](#) - Transit Capacity and Quality of Service
- [AP020](#) - Innovative Public Transportation Services and Technologies
- [AP025](#) - Public Transportation Planning and Development
- [AP030](#) - Public Transportation Marketing and Fare Policy
- [AP045](#) - Passenger Intermodal Facilities
- [AP075](#) - Light Rail Transit
- [AP080](#) - Transit Safety and Security
- [AR050](#) - Railroad Infrastructure Design and Maintenance
- [AR055](#) - Rural, Intercity Bus, and Specialized Transportation
- [AR060](#) - Rail Transit Infrastructure Design and Maintenance
- [AR065](#) - Rail Transit Systems

[Task Forces](#) - Search for *task force* under committee here

Policy Study

- [B0085](#) - Transit Research Analysis Committee (TRAC)

CRP Panels

- [D08130](#) - Best Practices in Coordination of Public Transit and Ride Sharing
- [D08144](#) - Best Practices in Determining Rural Transit Fleet Size – How to provide service for changing demographics of rural ridership (Right-sizing of rural transit fleets)
- [STSH20](#) - Innovative Practices for Transit Planning at Small- to Mid-Sized Agencies
- [TG18](#) - Development of Open Data Standards for Demand Responsive Transportation Transactions
- [TJ1138](#) - Diversity and Inclusion Plans, Policies and Best Practices in the Transportation Industry

Councils

- [A001C](#) – Young Members Coordinating Council

Recent and Upcoming Events

[Upcoming Conferences](#)- Left hand menu “upcoming conferences by topic”
(Conferences cosponsored by TRB are denoted with an asterisk.)

[Transportation Infrastructure Innovations for Durability and Resilience \(TriDurLE 2021\)*](#)

December 6-7, 2021

Online

[TRB Virtual Careers in Motion Networking Fair](#)

December 8, 2021

Online

[Conference on Sustainability and Emerging Transportation Technology](#)

March 15-18, 2022

Irvine, CA

[TRANSED: Mobility, Accessibility, and Demand Response Transportation Conference](#)

September 12, 2022

Online

[TRB Scenario Planning Conference - abstracts accepted through December 17](#)

September 19, 2022

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
- **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