

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Public Transportation

TRB's involvement in research on Public Transportation 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 Public Transportation within the past year.

Subject Webpages

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

Special Reports

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

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Report 231](#) - Evaluating the Traveler's Perspective to Improve the Airport Customer Experience
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Legal Research Digest 84](#) - Fix It, Sign It or Close It: State of Good Repair in an Era of Budget Constraints
 - [Report 976](#) - Resilience Primer for Transportation Executives
 - [Report 963](#) - A Pandemic Playbook for Transportation Agencies (TCRP Report 225)
- [Special Reports / Consensus Studies](#)
 - [Report 337](#) - The Role of Transit, Shared Modes, and Public Policy in the New Mobility Landscape
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Legal Research Digest 57](#) - Fix It, Sign It or Close It: State of Good Repair in an Era of Budget Constraints
 - [Legal Research Digest 56](#) - Joint Development Agreements Using FTA Funds or FTA-Funded Assets
 - [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 229](#) - Assessing and Mitigating Electrical Fires on Transit Vehicles
 - [Report 228](#) - Resource Guide for Improving Diversity and Inclusion Programs for the Public Transportation Industry
 - [Report 227](#) - Prioritization of Public Transportation Investments: A Guide for Decision-Makers
 - [Report 226](#) - An Update on Public Transportation's Impacts on Greenhouse Gas Emissions
 - [Report 225](#) - A Pandemic Playbook for Transportation Agencies (NCHRP Report 963)
 - [Report 224](#) - Guide to Joint Development for Public Transportation Agencies

- [Report 223](#) - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services
- [Report 222](#) - Analysis of Green Bond Financing in the Public Transportation Industry
- [Report 221](#) - Redesigning Transit Networks for the New Mobility Future
- [Report 220](#) - Low-Speed Automated Vehicles (LSAVs) in Public Transportation
- [Report 219](#) - Guidebook for Deploying Zero Emissions Transit Buses
- [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
 - [E-Circular 266](#) - Transportation Asset Management in a COVID-19 World

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 01-43](#) - Update ACRP Report 26: Guidebook for Conducting Airport User Surveys
 - [ACRP 01-48](#) - Assessing Airport Programs for Travelers with Disabilities and Older Adults
 - [ACRP 03-52](#) - Guidelines for Adapting and Managing Airport Common Use Programs
 - [ACRP 11-02/Task 41](#) - Toward a Touchless Airport Journey
 - [NCHRP 08-119](#) - Data Integration, Sharing, and Management for Transportation Planning and Traffic Operations
 - [NCHRP 08-131](#) - Access to Jobs, Economic Opportunities, and Education in Rural Areas
 - [NCHRP 08-132](#) - Accessing America's Great Outdoors: Forecasting Recreational Travel Demand
 - [NCHRP 08-133](#) - Implementing the National Intercity Bus Atlas
 - [NCHRP 08-147](#) - Improving Public Transportation in Rural Areas and Tribal Communities
 - [NCHRP 20-59](#) - Surface Transportation Security and Resilience Research
 - [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 80](#) - Capacity Building Options for DOT Transit Staff
 - [NCHRP 20-65/Task 79](#) - 5310 Sub-Grantee Consolidation
 - [NCHRP 20-65/Task 78](#) - Impact of Decline in Volunteerism on Rural Transit Systems
 - [Asset Management and Public Transportation Agency Safety Requirements](#)
 - [NCHRP 20-102\(11\)](#) - Mobility-on-Demand and Automated Driving Systems: A Framework for Public-Sector Assessment
 - [NCHRP 20-102\(26\)](#) - Dynamic Curbside Management: Keeping Pace with New and Emerging Mobility and Technology in the Public Right of Way
 - [NCHRP 20-123](#) - Support for AASHTO Committees and Councils
 - [NCHRP 23-04](#) - Statewide Insurance Pooling for Public Transit
 - [NCHRP Synthesis 20-05/Topic 52-13](#) - Micromobility Policies, Permits, and Practices
 - [TCRP A-46](#) - Quantitative Procedures for Designing and Operating Ferry Transit Services
 - [TCRP A-45](#) - Measuring and Managing Fare Evasion
 - [TCRP A-44](#) - Strategies for Deterring Trespassing on Rail Transit and Commuter Rail Rights-of-Way
 - [TCRP A-43](#) - Recent Decline in Public Transportation Ridership: Analysis, Causes, Responses
 - [TCRP B-47](#) - Impact of Transformational Technologies on Underserved Populations
 - [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 G-17](#) - Assessing Lifecycle and Human Costs of Bus Operator Workstation Design and Components
 - [TCRP G-18](#) - Improving Access and Management of Transit ITS Data
 - [TCRP J-05/Topic 18-04](#) - Joint Development Agreements Using FTA Funds or FTA-Funded Assets
 - [TCRP J-05/Topic 18-02](#) - Codes of Conduct on Transit Vehicles and Property: Legal Issues
 - [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-05/Topic 20-03](#) - Policing and Public Transportation
 - [TCRP J-11](#) - Quick-Response Research on Long-Term Strategic Issues
 - [TCRP J-11/Task 34](#) - The Effects of Vehicle Automation on the Public Transportation Workforce

- [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-51](#) - Transit Safety Risk Assessment Methodologies
- [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-33](#) - Uses of Social Media in Public Transportation
- [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
- [TCRP Synthesis J-07/Topic SH-19](#) - Considering the Unbanked in Cashless Fare Payment at Point of Service for Bus/Demand Response Services
- [TCRP Synthesis J-07/Topic SH-21](#) - Transit Fare Capping: Balancing Revenue and Equity Impacts
- [Transit IDEA J-04/IDEA 99](#) - Bike Love
- [Transit IDEA J-04/IDEA 98](#) - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users
- [Transit IDEA J-04/IDEA 97](#) - Open Platform to Attract, Organize, and Coordinate Volunteers for Rural and Small Urban Transit
- [Transit IDEA J-04/IDEA 96](#) - Multi-stage Planning for Electrifying Transit Bus Systems with Multiformat Charging Facilities
- [Transit IDEA J-04/IDEA 95](#) - Connected and Automated Parking Feasibility/MDOT MTA Dorsey Run Pilot Project
- [Transit IDEA J-04/IDEA 91](#) - Comprehensive Wayfinding for All (CWall)
- [Upcoming Projects](#)
 - [ACRP 11-08\(20-02\)](#) - ACRP Insight Event--On-Demand Aviation Services for Passengers and Goods
 - [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 19-19](#) - Sustaining a Zero Fare Public Transportation Program in a Post COVID-19 World
 - [NCHRP 23-13\(01\)](#) - Effective Tools and Practices for Measuring Telecommuting Employee Performance
 - [TCRP B-49](#) - Improving Public Transportation in Rural Areas and Tribal Communities
 - [TCRP C-25](#) - Bus Driver Security Barrier Design
 - [TCRP D-19](#) - Phase II TCRP Project D-17 - Detecting and mitigating low level DC fault currents in transit systems thus eliminating electrical fires in tunnels and rights-of-way
 - [TCRP D-20](#) - Insulated Joint Failure Investigation Mitigation
 - [TCRP D-21](#) - Planning for the Future of Intermodal Passenger Facilities: Guide and Decision-Making Framework
 - [TCRP E-13](#) - COVID-19 and Transit Air Quality Protections (Insight Event)
 - [TCRP F-29](#) - Mental Health, Wellness, and Resilience for Transit System Workers
 - [TCRP F-30](#) - Guide for Protecting Transportation Employees and the Traveling Public from Airborne Diseases
 - [TCRP H-59](#) - Racial Equity, Black America and Public Transportation
 - [TCRP H-60](#) - Lessons Learned from Covid-19: Strategies to Enhance Racial and Social Equity through Public Transportation as a Community Lifeline
 - [TCRP J-05/Topic 19-01](#) - Legal Issues Regarding Multijurisdictional Transit Agencies
 - [TCRP J-05/Topic 19-04](#) - Transit Sponsor and Contractor Delay Damages and Remedies Due to Third Parties - Transit Facility Improvements-Common Legal Issues and Solutions
 - [TCRP J-05/Topic 19-05](#) - Legal Issues Surrounding Disasters and Evacuations
 - [TCRP J-05/Topic 20-02](#) - Liability Insurance Issues for Transit Lawyers: A Primer
 - [TCRP J-05/Topic 21-01](#) - Update of Legal Research Digests Regarding Civil Rights, Privacy, and Other Related Digests
 - [TCRP J-11/Task 41](#) - Pathways to Effective, Inclusive, and Equitable Virtual Public Engagement for Public Transportation
 - [TCRP J-11/Task 42](#) - Transportation Services for People With Disabilities and Older Adults during a Pandemic and Other Emergencies: Lessons Learned during the Covid-19 Pandemic
 - [TCRP Synthesis J-07/Topic SA-54](#) - Pedestrian and Bicycle Safety in Bus/BRT Corridors
 - [TCRP Synthesis J-07/Topic SA-55](#) - On Street Bus Operations Management
 - [TCRP Synthesis J-07/Topic SB-36](#) - Dynamic Optimization on ADA Paratransit Service
 - [TCRP Synthesis J-07/Topic SB-35](#) - Customer Education and Awareness of On-Demand Mobility
 - [TCRP Synthesis J-07/Topic SG-20](#) - Performance Metrics in Third Party Contracts for Bus Operations and Maintenance

- [TCRP Synthesis I-07/Topic SH-22](#) - Inclusive Public Participation in Transit Decision Making
- [TCRP Synthesis I-07/Topic SH-23](#) - Partnerships for Equitable Pandemic Response and Recovery

Reports from the [National Academies Press](#) on Public Transportation

- [Harnessing the Value of Co-Creating and Stewarding Places for Health, Equity, and Well-Being](#)
- [Engineering for Pandemics: Preparedness, Response, and Recovery](#)
- [Emergency Evacuation and Sheltering During the COVID-19 Pandemic](#)
- [Population Health in Rural America in 2020](#)
- [Assessment of Technologies for Improving Light-Duty Vehicle Fuel Economy—2025-2035](#)

Committees & Panels

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

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

- [A0030C](#) – City Transportation Issues Coordinating Council
- [ACS60](#) – Truck and Bus Safety
- [AIL20](#) – Transit and Intermodal Transportation Law
- [AME50](#) – Accessible Transportation and Mobility
- [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
- [AP050](#) – Bus Transit Systems
- [AP055](#) – Rural, Intercity Bus, and Specialized Transportation
- [AP065](#) – Urban Rail Transit Systems
- [AP075](#) – Light Rail Transit
- [AP090](#) – Transit Data
- [AR050](#) – Railroad Infrastructure Design and Maintenance
- [AR060](#) – Rail Transit Infrastructure Design and Maintenance
- [AW050](#) – Ferry Transportation

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

Policy Study

- [B0085](#) – Transit Research Analysis Committee (TRAC)
- [B0154](#) – Review Evidentiary Protection for Public Transportation Safety Program Information

CRP Panels

- [Project Panels Related to Public Transportation](#)
- [Project Panels Related to Passenger Transportation](#)

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.*)

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

December 8, 2021

Washington, DC

[13th Access Management Conference](#)

July 1, 2022

Online

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

September 12, 2022

Seattle, WA

TRB Scenario Planning Conference

September 19, 2022

Washington, D.C.

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

Past Webinars

- [Public Transportation](#)
- [Passenger Transportation](#)

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