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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
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**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](http://www.trb.org/)
- [Passenger Transportation Research at TRB](http://www.trb.org/)
- [Public Transportation Maintenance Snap Search](http://www.trb.org/)

**Recent Reports & Publications**

- [Airport Cooperative Research Program (ACRP)](http://www.trb.org/)
  - [Report 215](http://www.trb.org/) - Transportation Network Companies (TNCs): Impacts to Airport Revenues and Operations — Reference Guide

- [IDEA Safety Program](http://www.trb.org/)
  - [Rail IDEA Report 40](http://www.trb.org/) - Using Light to Reduce Fatigue and Improve Alertness in Railway Operations

- [National Cooperative Highway Research Program (NCHRP)](http://www.trb.org/)
  - [NCHRP 20-65/Task 77](http://www.trb.org/) - Lessons Learned and Impacts to Date of State DOT Implementation of New Federal Transit
  - [NCHRP 20-65/Task 75](http://www.trb.org/) - Baseline Research on Allowable In-Kind and Local Match Sources
  - [Report 963](http://www.trb.org/) - A Pandemic Playbook for Transportation Agencies (TCRP Report 225)
  - [Report 931](http://www.trb.org/) - A Guide to Emergency Management at State Transportation Agencies
  - [Report 930](http://www.trb.org/) - Update of Security 101: A Physical Security and Cybersecurity Primer for Transportation Agencies
  - [Report 899](http://www.trb.org/) - Broadening Integrated Corridor Management Stakeholders
  - [Web-Only Document 287](http://www.trb.org/) - Planning and Implementing Multimodal, Integrated Corridor Management: Guidebook

- [Transit Cooperative Research Program (TCRP)](http://www.trb.org/)
  - [TCRP H-56](http://www.trb.org/) - Redesigning Public Transportation Networks for a New Mobility Future
  - [Legal Research Digest 55](http://www.trb.org/) - Tax Increment Financing for Transit Projects
  - [Program](http://www.trb.org/) - Innovation in Action: Accomplishments of the Transit IDEA (Innovations Deserving Exploratory Analysis) Program
  - [IDEA Report 94](http://www.trb.org/) - Evaluation of Transit Vehicle Brake Inspection through Ultrasonic Emissions Analysis
  - [IDEA Report 93](http://www.trb.org/) - An Open Platform for Transit Agencies to Improve the Quality of Their Real-Time Data
  - [Report 225](http://www.trb.org/) - A Pandemic Playbook for Transportation Agencies (NCHRP Report 963)
  - [Report 223](http://www.trb.org/) - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services
  - [Report 219](http://www.trb.org/) - Guidebook for Deploying Zero Emissions Transit Buses
  - [Report 218](http://www.trb.org/) - Characteristics and Elements of Non-Punitive Employee Safety Reporting Systems for Public Transportation

Updated 12/03/2020


Report 214 - Equity Analysis in Regional Transportation Planning Processes, Volume 1: Guide

Report 214 - Equity Analysis in Regional Transportation Planning Processes, Volume 2: Research Overview

Report 213 - Data Sharing Guidance for Public Transit Agencies – Now and in the Future

Report 212 - Stray Current Control of Direct Current-Powered Rail Transit Systems: A Guidebook

Report 211 - Guidebook for Detecting and Mitigating Low-Level DC Leakage and Fault Currents in Transit Systems

Report 210 - Development of Transactional Data Specification for Demand-Responsive Transportation

Report 209 - Analysis of Recent Public Transit Ridership Trends

Report 208 - Strategic Communications Toolkit to Improve Support for Transit-Priority Projects

Synthesis 149 - Transit Signal Priority: Current State of the Practice

Synthesis 148 - Business Models for Mobile Fare Apps

Synthesis 147 - Attracting, Retaining, and Advancing Women in Transit

Synthesis 146 - Transit Security Preparedness

Synthesis 145 - Current Practices in the Use of Onboard Technologies to Avoid Transit Bus Incidents and Accidents

Synthesis 144 - Multimodal Fare Payment Integration

Transportation Research Circulars

E-Circular 266 - Transportation Asset Management in a COVID-19 World

E-Circular 262 - TRANSED 2018

E-Circular 261 - Preparing for Automated Vehicles and Shared Mobility: Mini-Workshop on the Economic Implications of Automated Vehicles and Shared Mobility

Current & Upcoming Projects

Current Projects

ACRP 01-40 - Evaluating the Traveler’s Perspective to Improve the Airport Customer Experience

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

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 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

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 C-23 - Assessing and Mitigating Electrical Fires on Transit Vehicles

TCRP F-26 - Improving the Health and Safety of Transit Workers with Corresponding Impacts on the Bottom Line

TCRP G-17 - Assessing Lifecycle and Human Costs of Bus Operator Workstation Design and Components

TCRP H-58 - Prioritization of Public Transportation Investments

TCRP I-05/Topic 18-04 - Joint Development Agreements Using FTA Funds or FTA-Funded Assets

TCRP I-05/Topic 18-02 - Codes of Conduct on Transit Vehicles and Property: Legal Issues

TCRP I-05/Topic 19-02 - Legal Issues and Emerging Technologies

TCRP I-05/Topic 19-03 - Navigating the Complexities of Sensitive Security Information (SSI) and Protected Critical Infrastructure Information (PCII)

TCRP I-05/Topic 19-05 - Legal Issues Surrounding Disasters and Evacuations

TCRP I-11 - Quick-Response Research on Long-Term Strategic Issues

TCRP I-11/Task 34 - The Effects of Vehicle Automation on the Public Transportation Workforce
• **TCRP J-11/Task 35** - Resource Guide for Improving Diversity and Inclusion Programs for the Public Transportation Industry
• **TCRP J-11/Task 37** - Transit and Micro-Mobility (Bikeshare, Scooter-share, etc.)
• **TCRP J-11/Task 38** - An Analysis of Green Bond Financing in the Public Transportation Industry
• **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** - Coordination of Public Transit Services and Investments with Affordable Housing Policies
• **TCRP Synthesis J-07/Topic SD-05** - Third Rail Insulator Failures- Current State of the Practice
• **TCRP Synthesis J-07/Topic SD-06** - Transit Agency Relationships and Initiatives to Improve
• **TCRP Synthesis J-07/Topic SG-17** - The Use and Practice of Intelligent Transportation Systems in Real-Time Headway Based Service Bus Operations
• **TCRP Synthesis J-07/Topic SG-18** - The Transit Analyst Toolbox: Analysis and Approaches for Reporting, Communicating, and Examining Transit Data
• **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 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 92** - Augmented Reality Transit Dispatcher Interface
• **Transit IDEA J-04/IDEA 91** - Comprehensive Wayfinding for All (CWall)
• **Transit IDEA J-04/IDEA 88** - Evaluation of an Automatic, Individual, Computer-Based Operator Education and Training Program

**Upcoming Projects**
• **ACRP 11-02/Task 41** - Toward a Touchless Airport Journey
• **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 08-133** - Implementing the National Intercity Bus Atlas
• **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
• **NCHRP 20-102(23)** - Potential Impacts of Highly Automated Vehicles and Shared Mobility on Traveler Behavior
• **NCHRP 23-04** - Statewide Insurance Pooling for Public Transit
• **TCRP A-46** - Quantitative Procedures for Designing and Operating Ferry Transit Services
• **TCRP C-25** - Bus Driver Security Barrier Design--The Challenges and Solutions
• **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 Innovation & Emerging Mobility Futures at Intermodal Passenger Facilities
• **TCRP F-28** - Practitioner’s Guide to Bus Operator Workforce Management
• **TCRP F-29** - Mental Health, Wellness, and Resilience for Transit System Workers
• **TCRP G-18** - Improving Access and Management of Transit ITS Data
• **TCRP H-59** - Racial Equity, Black America and Public Transportation
• **TCRP H-60** - Addressing Disproportionate Share of Health, Economic, and Transportation Impacts for Lower-Income Households and Communities of Color
• **TCRP J-05/Topic 19-01** - Legal Issues Regarding Multijurisdictional Transit Agencies
Reports from the National Academies Press on Public Transportation

- Advancing Urban Sustainability in China and the United States
- Social Isolation and Loneliness in Older Adults - Opportunities for the Health Care System
- Reopening K-12 Schools During the COVID-19 Pandemic

Committees & Panels

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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 – Rail Transit Systems
- AP075 – Light Rail Transit
- 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
- B0165 – Role of Public Transportation and Mobility Management in an Era of New and Expanding Shared Mobility Options

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.)

2021 NAEP Annual Conference and Training Symposium*
May 16, 2021
Phoenix, AZ
Research Day at ITF Annual Summit - Transport Innovation for Sustainable Development  
May 25, 2021  
Leipzig, Germany

TRB Conference on Planning Applications  
June 21, 2021  
Online

Geo-Extreme Conference*  
August 15, 2021  
Savannah, GA

24th National Conference on Rural Public and Intercity Bus Transportation  
October 24, 2021  
Charleston, SC

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