



TRB Snap Search: Public Transportation

TRB's involvement in research on Public Transportation from 2017-2018

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

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](#)
- [Public Transportation Maintenance Snap Search](#)

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Synthesis 84](#) - Transportation Network Companies: Challenges and Opportunities for Airport Operators
- [National Cooperative Freight Research Program \(NCFRP\)](#)
 - [Report 37](#) - Using Commodity Flow Survey Microdata and Other Establishment Data to Estimate the Generation of Freight, Freight Trips, and Service Trips: Guidebook
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [IDEA Report 181](#) - Development of Small Specimen Geometry for Asphalt Mixture Performance Testing
 - [Report 861](#) - Best Practices in Rural Regional Mobility
 - [Report 855](#) - An Expanded Functional Classification System for Highways and Streets
 - [Web-Only Document 239](#) - Impacts of Laws and Regulations on CV and AV Technology Introduction in Transit Operations
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [IDEA Report 82](#) - Active Safety-Collision Warning Pilot in Washington State
 - [IDEA Report 80](#) - Enhancing Safety and Security of Transit Systems using Computer Vision
 - [IDEA Report 79](#) - Implementation of Smart Card Automatic Fare Collection (AFC) Technology in Small Transit Agencies for Standards Development
 - [Legal Research Digest 51](#) - Technology Contracting for Transit Projects
 - [Legal Research Digest 50](#) - Public Transit Emergency Preparedness Against Ebola and Other Infectious Diseases: Legal Issues
 - [Legal Research Digest 49](#) - Updated Guide to Buy America Requirements—2015 Supplement
 - [Legal Research Digest 48](#) - Legal Issues Concerning Transit Agency Use of Electronic Customer Data
 - [Report 194](#) - Knowledge Management Resource to Support Strategic Workforce Development for Transit Agencies
 - [Report 192](#) - Decision-Making Toolbox to Plan and Manage Park-and-Ride Facilities for Public Transportation: Guidebook on Planning and Managing Park-and-Ride
 - [Report 191](#) - Public Transportation Guidebook for Small- and Medium-Sized Public-Private Partnerships (P3s)
 - [Report 190](#) - Guide to Value Capture Financing for Public Transportation Projects
 - [Report 189](#) - Manual to Improve Rail Transit Safety at Platform/Vehicle and Platform/Guideway Interfaces
 - [Research Results Digest 114](#) - Synthesis of Information Related to Transit Practices
 - [Synthesis 129](#) - Managing Extreme Weather at Bus Stops

- [Synthesis 128](#) - Practices for Evaluating the Economic Impacts and Benefits of Transit
- [Synthesis 127](#) - Addressing Difficult Customer Situations
- [Synthesis 126](#) - Successful Practices and Training Initiatives to Reduce Accidents and Incidents at Transit Agencies
- [Synthesis 125](#) - Multiagency Electronic Fare Payment Systems
- [Synthesis 124](#) - Planning and Design for Fire and Smoke Incidents in Underground Passenger Rail Systems
- [Web Only Document 70](#) - Improving the Resilience of Transit Systems Threatened by Natural Disasters, Volume 3: Literature Review and Case Studies
- [Web Only Document 70](#) - Improving the Resilience of Transit Systems Threatened by Natural Disasters, Volume 2: Research Overview
- [Web Only Document 70](#) - Improving the Resilience of Transit Systems Threatened by Natural Disasters, Volume 1: A Guide
- [Web-Only Document 69](#) - Decision-Making Toolbox to Plan and Manage Park-and-Ride Facilities for Public Transportation: Research Report and Transit Agency Case Studies
- [Transportation Research Circulars](#)
 - [E-Circular 226](#) - Transportation System Resilience: Preparation, Recovery, and Adaptation
 - [E-Circular 219](#) - The U.S. Department of Transportation's Smart City Challenge and the Federal Transit Administration's Mobility on Demand Sandbox: Advancing Multimodal Mobility and Best Practices Workshop
- [Transportation Research Record: Journal of the Transportation Research Board](#)
 - [Volume 2658](#) - Intersections of Transportation and Telecommunications: Findings by the 2016 Chan Wui and Yunyin Rising Star Fellows
 - [Volume 2652](#) - Public Transportation Volume 6: Marketing, Fare Policy, and Transformative Data Trends
 - [Volume 2651](#) - Public Transportation Volume 5: Planning, Demand Management, and Parking
 - [Volume 2650](#) - Public Transportation Volume 4: Paratransit, Accessibility, Mobility, and the Sharing Economy
 - [Volume 2649](#) - Public Transportation Volume 3: Management, Performance, and Quality of Service
 - [Volume 2648](#) - Public Transportation Volume 2: Passenger Rail and Terminals
 - [Volume 2647](#) - Public Transportation Volume 1: Urban and Rural Bus Services
 - [Volume 2634](#) - Developing Countries

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP Synthesis 11-03/Topic S01-16](#) - Microgrids and their Application for Airports and Public Transit
 - [ACRP Synthesis 11-03/Topic S02-19](#) - Clean Vehicles, Fuels, and Practices for Airport Private Ground Transportation Providers
 - [NCHRP 19-14](#) - Right-Sizing Transportation Investments--Methods for Planning and Programming
 - [NCHRP 20-112](#) - A Research Roadmap for Transportation and Public Health
 - [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 H-51](#) - Understanding Changes in Demographics, Preferences, and Markets for Public Transportation
 - [TCRP H-54](#) - Guide to Equity Analysis in Regional Transportation Planning Processes
 - [Transit IDEA J-04/IDEA 85](#) - Location Aware Networks Optimizing Use of Transit
 - [TCRP J-05/Topic 16-01](#) - Updated Guide to Buy America Requirements
 - [TCRP J-05/Topic 16-02](#) - Legal Issues Concerning Transit Agency Use of Electronic Customer Data, Estimated Compensation
 - [TCRP J-05/Topic 16-03](#) - Public Transit Emergency Preparedness against Ebola and Other Infectious Diseases: Legal Issues
 - [TCRP J-05/Topic 16-04](#) - Technology Contracting for Transit Projects
 - [TCRP J-05/Topic 17-03](#) - Legal Considerations in Relationships Between Transit Agencies and Ride-Sourcing Service Providers
 - [TCRP Synthesis J-07/Topic SA-43](#) - Transit Service Delivery Evaluation Standards
 - [TCRP Synthesis J-07/Topic SA-44](#) - Comprehensive Bus Network Redesign
 - [TCRP Synthesis J-07/Topic SB-30](#) - Current Practices in Providing Demand-Response Transit
 - [TCRP Synthesis J-07/Topic SB-31](#) - Implementing the US DOT Reasonable Accommodation Rule
 - [TCRP Synthesis J-07/Topic SD-05](#) - Third Rail Insulator Failures- Current State of the Practice
 - [TCRP Synthesis J-07/Topic SF-20](#) - Managing the Transit Scheduling Workforce
 - [TCRP Synthesis J-07/Topic SH-18](#) - On-Board Survey Methods and Technologies
- [Upcoming Projects](#)
 - [NCHRP 03-131](#) - Guidance for Planning and Implementing Multimodal, Integrated Corridor Management
 - [NCHRP 20-65/Task 73](#) - Best Practices and Marketing to Increase Rural Transit Ridership and Investment

- [NCHRP 20-65/Task 74](#) - Best Practices and Tools for Addressing Transportation Needs and Public Transit Demands to Support the Integration of the Olmstead Population In Community Settings
- [NCHRP 20-65/Task 75](#) - Baseline Research on Allowable In-Kind and Local Match Sources
- [NCHRP 20-65/Task 76](#) - Opportunities for State DOTs (and Others) to Encourage Shared Use Mobility Practices in Rural Areas
- [NCHRP 20-65/Task 77](#) - Lessons Learned and Impacts to Date of State DOT Implementation of New Federal Transit 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 C-24](#) - Transit Traction Power Cables: Replacement Guidelines
- [TCRP G-17](#) - Assessing Lifecycle and Human Costs of Bus Operator Workstation Design and Components
- [TCRP H-55](#) - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services
- [TCRP J-05/Topic 17-02](#) - Legal Implications of Video Surveillance on Transit Systems
- [TCRP J-11/Task 26](#) - Collaborations and Partnerships between Public Transportation and Transportation Network Companies (TNCs)
- [TCRP J-11/Task 29](#) - Output-Oriented Strategic Communications for Transit Agencies

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

- [Communities in Action: Pathways to Health Equity](#)
- [Improving Motor Carrier Safety Measurement](#)

Committees & Panels

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

[Technical Activities Division Standing Committees](#) – Search by transportation mode and committee topic

- [ABE30](#) – Transportation Issues in Major Cities
- [ABE60](#) – Accessible Transportation and Mobility
- [AL020](#) – Transit and Intermodal Transportation Law
- [ANB70](#) – Truck and Bus Safety
- [AP000](#) – Public Transportation Group
- [AP010](#) – Transit Management and Performance
- [AP015](#) – Transit Capacity and Quality of Service
- [AP020](#) – Emerging and Innovative Public Transport and Technologies
- [AP025](#) – Public Transportation Planning and Development
- [AP030](#) – Public Transportation Marketing and Fare Policy
- [AP040](#) – Automated Transit Systems
- [AP045](#) – Passenger Intermodal Facilities
- [AP050](#) – Bus Transit Systems
- [AP055](#) – Rural Public and Intercity Bus Transportation
- [AP060](#) – Paratransit
- [AP065](#) – Rail Transit Systems
- [AP070](#) – Commuter Rail Transportation
- [AP075](#) – Light Rail Transit
- [AP085](#) – Ferry Transportation
- [AR055](#) – Rail Transit Infrastructure

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

Policy Study

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

CRP Panels

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

Councils

- [A0040T](#) – Young Member Council

Recent and Upcoming Events

[Conferences \(co-sponsored by TRB\)](#) - Left hand menu “upcoming conferences by topic”

[Transport Research Arena 2018*](#)

April 16-19, 2018

Vienna, Austria

[I-TED 2018: International Transportation and Economic Development Conference](#)

June 6-8, 2018

Washington, D.C.

[Sixth National Bus Rapid Transit Conference](#)

June 18-20, 2018

Los Angeles, California

[2018 World Transport Convention*](#)

June 18-21, 2018

Beijing, China

[7th International Conference on Innovations in Travel Modeling \(ITM\)](#)

June 24-27, 2018

Atlanta, Georgia

[12th National Conference on Transportation Asset Management](#)

July 14-17, 2018

San Diego, California

[12th Access Management Conference](#)

July 17-19, 2018

Madison, Wisconsin

[National Household Travel Survey \(NHTS\) Data for Transportation Applications Workshop](#)

August 8-9, 2018

Washington, D.C.

[16th National Tools of the Trade Transportation Planning Conference](#)

August 22-24, 2018

Kansas City, Missouri

[23rd National Conference on Rural Public and Intercity Bus Transportation](#)

September 30-October 2, 2018

Breckenridge, Colorado

[TRANSED 2018: 15th International Conference on Mobility and Transport for Elderly and Disabled Persons](#)

November 2018

Taipei, Taiwan

[14th National Light Rail and Streetcar Conference](#)

April 7-9, 2019

Jersey City, New Jersey

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

TRB's Transportation Research Information Services (TRIS)

TRIS includes the [TRB Library](#) and the [TRIS Databases](#) (listed below) which are available for 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

Practice Ready Papers (PRP) Database - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort - prp.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 1 (202) 334-2989