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**Special Reports**

- Critical Issues in Transportation for 2024 and Beyond
- 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)**
  - Research Report 239 - Assessing Airport Programs for Travelers with Disabilities and Older Adults
  - Synthesis 130 - Airport-Centric Advanced Air Mobility Market Study
  - Transportation Insights 4 - On-Demand Aviation Services for Mobility, Logistics, Emergency Response, and Humanitarian Use Cases
  - Web-Only Document 52 - Command-Level Decision Making for Transportation Emergency Managers
  - Web Resource 17 - Developing a Holistic Airport Common Use Program
  - Web Resource 14 - Tools to Assess Airport Programs for Travelers with Disabilities and Older Adults

- **National Cooperative Highway Research Program (NCHRP)**
  - 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 78 - Impact of Decline in Volunteerism on Rural Transit Systems
  - Report 1101 - Transformational Technologies and Mobility Inclusion Playbook
  - Report 1072 - Telecommuting, Remote Work, and Hybrid Schedules: Managing the Shift to a Flexible Work Future
  - Report 1059 - Access to Jobs, Economic Opportunities, and Education in Rural Areas
  - Report 988 - Rural Transportation Issues: Research Roadmap
  - Research Results Digest 403 - Program Management Insights for the Section 5310 Program, Including Subrecipient Consolidation and Urban 5310
  - Synthesis 597 - Micromobility Policies, Permits, and Practices
  - Web-Only Document 80 - Accessing America’s Great Outdoors: Forecasting Recreational Travel Demand

Updated 7/29/2024
• **Special Reports / Consensus Studies**
  o [Transportation Insights Issue 2](#) - Air Quality in Transit Buses
  o [Report 337](#) - The Role of Transit, Shared Modes, and Public Policy in the New Mobility Landscape
  o [Transit Research Analysis Committee Letter Report: March 14, 2023](#)

• **Transit Cooperative Research Program (TCRP)**
  o [TCRP C-24](#) - Transit Traction Power Cables: Replacement Guidelines
  o [IDEA Report 101](#) - Multimodal Transit with Citopia
  o [IDEA Report 100](#) - TrainMate Robotic System: Making Public Transportation, Public!
  o [IDEA Report 99](#) - Bike Love
  o [IDEA Report 98](#) - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users
  o [IDEA Report 97](#) - Open Platform to Attract, Organize, and Coordinate Volunteers for Rural and Small Urban Transit
  o [IDEA Report 96](#) - Multi-stage Planning for Electrifying Transit Bus Systems with Multi-format Charging Facilities
  o [Legal Research Digest 61](#) - Transit Agencies Providing or Subsidizing Innovative Micromobility Projects: Legal Issues
  o [Legal Research Digest 60](#) - Transit Mega Projects: Legal Issues
  o [Legal Research Digest 58](#) - Policing and Public Transportation
  o [Legal Research Digest 56](#) - Joint Development Agreements Using FTA Funds or FTA-Funded Assets
  o [Report 249](#) - Bus Operator Barrier Design: Guidelines and Considerations
  o [Report 248](#) - Tactile Wayfinding in Transportation Settings for Travelers Who Are Blind or Visually Impaired
  o [Report 247](#) - Assessing Lifecycle and Human Costs of Bus Operator Workstation Design and Components
  o [Report 245](#) - Mental Health, Wellness, and Resilience for Transit System Workers
  o [Report 243](#) - Transportation for People with Disabilities and Older Adults During COVID-19: Lessons for Emergency Response
  o [Report 241](#) - Inclusive Virtual Public Involvement for Public Transit
  o [Report 239](#) - Provision of Alternative Services by Transit Agencies: The Intersection of Regulation and Program
  o [Report 238](#) - Quantitative Procedures for Designing and Operating Ferry Services
  o [Report 237](#) - Fare-Free Transit Evaluation Framework
  o [Report 235](#) - Improving Access and Management of Public Transit ITS Data
  o [Report 234](#) - Measuring and Managing Fare Evasion
  o [Report 233](#) - Strategies for Deterring Trespassing on Rail Transit and Commuter Rail Rights-of-Way, Volume 1: Guidebook
  o [Report 232](#) - Strategies for Deterring Trespassing on Rail Transit and Commuter Rail Rights-of-Way, Volume 2: Research Overview
  o [Report 231](#) - The Impacts of Vehicle Automation on the Public Transportation Workforce
  o [Synthesis 175](#) - Examination of Transit Agency Coordination with Electric Utilities
  o [Synthesis 174](#) - Paratransit Fleet Configurations
  o [Synthesis 173](#) - Transit Exclusion Policies in Public Transportation Systems
  o [Synthesis 172](#) - Statewide Approaches to the Development of Comprehensive Transit Information Systems
  o [Synthesis 171](#) - Third-Party Contracts for Fixed-Route Bus Operations and Maintenance: Performance Metrics
  o [Synthesis 170](#) - Inclusive Public Participation in Transit Decision-Making
  o [Synthesis 169](#) - Pedestrian and Bicycle Safety in Bus Rapid Transit and High-Priority Bus Corridors
  o [Synthesis 168](#) - Continuous Dynamic Optimization: Impacts on ADA Paratransit Services
  o [Synthesis 167](#) - Partnerships for Equitable Pandemic Response and Recovery
  o [Synthesis 166](#) - On-Street Bus Operations Management
  o [Synthesis 165](#) - Customer Education and Awareness of On-Demand Mobility
  o [Synthesis 164](#) - Bus Rapid Transit: Current State of Practice
  o [Synthesis 163](#) - Considering the Unbanked in Cashless Fare Payment at Point of Service for Bus/Demand-Response Services
  o [Synthesis 162](#) - Coordination of Public Transit Services and Investments with Affordable Housing Policies
  o [Synthesis 161](#) - ADA Paratransit and Other Demand-Responsive Transportation Services in Small to Midsized Transit Agencies
  o [Synthesis 160](#) - Fare Capping: Balancing Revenue and Equity Impacts
  o [Synthesis 159](#) - Assessing Equity and Identifying Impacts Associated with Bus Network Redesigns
Synthesis 158 - Cybersecurity in Transit Systems
Web-Only Document 75 - Command-Level Decision Making for Transportation Emergency Managers
Web-Only Document 74 - Recent Decline in Public Transportation Ridership: Hypotheses, Methodologies, and Detailed City-by-City Results

- Transportation Research Circulars
  - E-Circular 289 - Taxonomy and Terms for Stakeholders of Older Adult Mobility
  - E-Circular 284 - Toward a National Regulatory Framework for Automated Vehicles

Recently Completed/Pending Publication/Posted to Web
- ACRP 10-33 - Incorporating Emerging Transportation and Ground Access Technologies at Airports
- NCHRP 08-119 - Data Integration, Sharing, and Management for Transportation Planning and Traffic Operations
- NCHRP 20-06/Topic 27-02 - State and Local Suspension and Debarment Programs of Contractors
- NCHRP 08-133 - Implementing the National Intercity Bus Atlas
- TCRP I-11/Task 34 - The Effects of Vehicle Automation on the Public Transportation Workforce
- TCRP I-05/Topic 18-02 - Codes of Conduct on Transit Vehicles and Property: Legal Issues
- TCRP I-05/Topic 19-03 - Navigating the Complexities of Sensitive Security Information (SSI) and Protected Critical Infrastructure Information (PCI)
- TCRP F-30 - Guide for Protecting Transportation Employees and the Traveling Public from Airborne Diseases
- TCRP E-13 - COVID-19 and Transit Air Quality Protections (Insight Event)

Current & Upcoming Projects
- Current Projects
  - NCHRP 08-144 - Rural Transit Fleet Mix and Vehicle Size Decision Trees
  - NCHRP 08-130 - Best Practices in Coordination of Public Transit and Ride Sharing
  - NCHRP 08-133(01) - Implementing the National Intercity Bus Atlas (Phases II and III)
  - NCHRP 08-144 - Rural Transit Fleet Mix and Vehicle Size Decision Trees
  - NCHRP 08-147 - Improving Public Transportation in Rural Areas and Tribal Communities
  - NCHRP 08-159 - How to Assess and Address Equity of Access to Essential Goods and Services
  - NCHRP 08-172 - Benefit Analysis of Private Health Sector Investments in Non-Emergency Medical Transportation
  - NCHRP 20-06/Topic 27-03 - Environmental and Planning Law and Transportation
  - NCHRP 20-123 - Support for AASHTO Committees and Councils
  - TCRP A-48 - Mitigation Strategies for Deterring Transit Assaults
  - TCRP B-47 - Impact of Transformational Technologies on Underserved Populations
  - TCRP B-49 - Improving Public Transportation in Rural Areas and Tribal Communities
  - TCRP B-50 - Accessible Public Bus and Rail Passenger Information for Riders with Vision Disabilities
  - TCRP B-53 - Addressing Travel Needs of Women on Public Transportation
  - TCRP D-19 - Detecting and Mitigating Low-Level DC Fault Currents in Transit Systems (Phase II TCRP Project D-17)
  - TCRP D-24 - Determination of Actual Derailment Loads on Transit Bridges
  - TCRP E-14 - Lithium-Ion Battery Transit Bus Fire Prevention and Risk Management
  - TCRP E-15 - Air Quality Inside Buses
  - TCRP G-17 - Assessing Lifecycle and Human Costs of Bus Operator Workstation Design and Components
  - 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 I-05/Topic 22-03 - Legal Aspects of Transit to Airports
  - TCRP I-11 - Quick-Response Research on Long-Term Strategic Issues
  - TCRP I-11/Task 43 - Analysis of Public Transportation Health Impacts and Benefits
  - TCRP I-11/Task 44 - Improving Access to Public Transportation Services and Facilities with Transit-Oriented Complete Streets
  - TCRP I-11/Task 45 - Future of Commuter Rail in North America
  - TCRP I-11/Task 47 - Affordable Housing and Transit
  - TCRP Synthesis I-07/Topic SA-56 - Use of Automatic Vehicle Monitoring (AVM) and Vehicle Health Monitoring/Diagnostic Systems by Transit Agencies
- Examination of Transit Agency Coordination with Electric Utilities
- State of Practice for Transit Recovery in the Aftermath of Severe Weather Events
- Planning and Operations Initiatives to Support Nighttime Off-Peak Transit Ridership
- Transit Agency Goals and Non-Traditional Performance Indicators Focused on Equity
- Paratransit Fleet Configurations
- Improving Transit Customer Perception of Personal Security
- Low-Income Transit Discount Provision at Public Transit Agencies in the United States
- Microtransit Solutions in Rural Communities: On-Demand Alternatives to Dial-A-Ride Services and Unproductive Coverage Routes
- Operational and Service Factors When Integrating/Consolidating ADA Paratransit and On-Demand Services
- Red Tinted Bus Lanes Experience
- Impacts of Fentanyl and Substance Use on Transit
- Real-Time Trip Support for Multimodal Travelers

- Resource to Support Volunteer Driver Programs in Rural and Low-Density Areas
- Managing Performance for Innovative Technology Contracts
- Fare Policies, Structures, and Technologies -- 2024 Updates
- Practical Considerations for Developing Transition Plans to Zero-Emission Fleets
- Cyber Vulnerability of Automatic Vehicle Monitoring (AVM) and Health Monitoring Systems (HMS)
- Floating Transit Stops and Passengers with Vision Disabilities
- Intercity Bus: The State Role Updated
- Improving Inclusion by Addressing Gaps in Measurability in Transportation Data Systems
- Guidelines for Surveying Hard-to-Reach Populations for Small, Medium, and Large Transportation Agencies
- Using Market Segmentation to Increase Transit Ridership: An Updated Handbook
- Investigation and Mitigation of Insulated Joint Electrical Failure
- Guidebook for Planning and Constructing a Small and Rural Tribal Transit Facility
- Track Design Handbook for Light Rail Transit, 3rd Edition
- A Rational Approach to Performing Rail Structure Interaction (RSI) Analysis and Transit Bridge Design Criteria
- Modernizing Transit Station Staffing Management
- Enhancing Transit Organizational Culture to Improve Employee Psychological Health and Safety, Recruitment, and Retention
- Recruiting, Developing, and Retaining Individuals with Disabilities for Careers in Public Transportation
- Licensing Public Transportation Vehicle Operators
- Innovative Toolkit for Quantifying Rural Transit Benefits
- Legal Issues Regarding Multijurisdictional Transit Agencies
- Transit Sponsor and Contractor Delay Damages and Remedies Due to Third Parties - Transit Facility Improvements-Common Legal Issues and Solutions
- Legal Issues Surrounding Disasters and Evacuations
- Liability Insurance Issues for Transit Lawyers: A Primer
- Update of Legal Research Digests Regarding Civil Rights, Privacy, and Other Related Digests
- Update of Selected Studies in Transportation Law, Volume 5, 2014 Supplement (Transit Law)
- Update of Buy America
- Marijuana Testing Regulations and Employer Policies: Impacts on Public Transportation Employment
- Strategies to Increase Transit Ridership in the Post-Pandemic Era
- Transit Funding Sources and Governance Models
- Enhancing Transit Operations with Artificial Intelligence

Reports from the National Academies Press on Public Transportation
Transportation and Infrastructure » Public Transportation

- Public Infrastructure for Effective Climate Mitigation and Adaptation: Proceedings of a Workshop—in Brief
- Enhancing Urban Sustainability Infrastructure: Mathematical Approaches for Optimizing Investments: Proceedings of a Workshop
- Equitable and Resilient Infrastructure Investments
- Corrosion of Buried Steel at New and In-Service Infrastructure
- Global Roadmap for Healthy Longevity
- Improving the CDC Quarantine Station Network’s Response to Emerging Threats
- Relocation and Other Climate Adaptations on Florida’s Gulf Coast
- Investing in Resilient Infrastructure in the Gulf of Mexico
- Service Life Assessment and Predictive Modeling for an Aging Critical Infrastructure
- Harnessing the Value of Co-Creating and Stewarding Places for Health, Equity, and Well-Being

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- ACP35 – Managed Lanes
- ACP80 – Traffic Simulation
- ACS60 – Truck and Bus Safety
- AIL10 - General Law
- 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
- AP080 – Transit Safety and Security
- 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** – Search for **CRP Panel** and **Synthesis Panel** under committee here
- D08130 - Best Practices in Coordination of Public Transit and Ride Sharing
- D08144 - Rural Transit Fleet Mix and Vehicle Size Decision Trees
- D08147 - NCHRP 08-147/TCRP B-49 Improving Public Transportation in Rural Areas and Tribal Communities
- D1919 - Sustaining Zero-Fare Public Transit in a Post COVID-19 World: A Guide for State DOTs
- D2065 - Research for the AASHTO Standing Committee on Public Transportation
- DF33 - Enriching Transit’s Workforce: Recruiting and Retaining Individuals with Disabilities
- STSA56 - Use of Automatic Vehicle Monitoring (AVM) and Vehide Health Monitoring/Diagnostic Systems by Transit Agencies
- STSA57 - Statewide Approaches to the Development of Comprehensive Transit Information Systems
- STSA58 - Analysis of Transit Exclusion Policies in Passenger Transportation Systems
- STSA60 - Examination of Transit Agency Coordination with Electric Utilities
- STSA61 - State of Practice for Transit Recovery in the Aftermath of Severe Weather Events
o STSA62 - Planning and Operations Initiatives to Support Nighttime Off-Peak Transit Ridership
o STSA63 - How Transit Operator Health and Wellbeing Affects Workforce Strength
o STSA64 - Transit Scheduling and Dispatch Practice that Increase Operator Quality of Life
o STSB36 - Dynamic Optimization on ADA Paratransit Service
o STSB37 - Transit Agency Goals and Non-Traditional Performance Indicators Focused on Equity
o STSB39 - Improving Transit Customer Perception of Personal Security
o STSB40 - Low-Income Transit Discount Provision at Public Transit Agencies in the United States
o STSB41 - Microtransit Solutions in Rural Communities: On-Demand Alternatives to Dial-A-Ride Services and Unproductive Coverage Routes
o STSB42 - Operational and Service Factors When Integrating/Consolidating ADA Paratransit and Microtransit
o STSB43 - Transit Agency Responses to Serving Individuals with Intellectual and Developmental Disabilities on ADA Paratransit
o STSB44 - The State of Art in Transit
o STSB45 - Transit Agency Customer Experience Programs
o STSE08 - Defining and Measuring “State of Good Repair” for Public Transit Assets and Infrastructure
o STSH22 - Inclusive Public Participation in Transit Decision Making
o STSH24 - Impacts of Fentanyl and Substance Use on Transit
o TA47 - Transit Capacity and Quality of Service Manual, 4th Edition
o TA48 - Mitigation Strategies for Deterring Transit Assaults
o TA50 - Practical Considerations for Developing Transition Plans to Zero-Emission Fleets
o TA51 - Innovative Practices for Technology Implementation at Rural, Small, and Mid-Sized Transit Agencies
o TB50 - Public Transportation Information Systems for Passengers who are Vision Disabled
o TB51 - Floating Transit Stops and Passengers with Vision Disabilities
o TB56 - Using Market Segmentation to Increase Transit Ridership: An Updated Handbook
o TD19 - 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
o TD23 - Guidebook for Planning and Constructing a Small and Rural Tribal Transit Facility
o TD24 - Determination of Actual Derailment Loads on Transit Bridges
o TD25 - Preparation of a Manuscript for Publication of the Track Design Handbook for Light Rail Transit, 3rd Edition
o TD26 - Develop a Rational Approach to Performing Rail Structure Interaction Analysis (RSI) and for Using the Results of the Analysis in Transit Bridge Design
o TE14 - Lithium-Ion Battery Transit Bus Fire Prevention and Risk Management
o TF29 - Mental Health, Wellness, and Resilience for Transit System Workers
o TF31 - Modernizing Transit Station Staffing Management
o TF32 - Culture Reform: Psychological Health and Safety at the Workplace – The Missing Elements of Successful Workforce Retention and Recruitment in Transit
o TF34 - CDL Requirements for Local and Regional Transit Drivers Needs Study
o TH59 - Racial Equity, Black America and Public Transportation
o TH60 - Lessons Learned From Covid-19: Strategies to Enhance Racial And Social Equity Through Public Transportation As A Community Lifeline
o TH62 - Innovations for Equitable Rural Transit Economic Benefit Analyses
o TI04 - Synthesis of Information Related to Transit Problems
o TI05 - Legal Aspects of Transit and Intermodal Transportation Programs
o TI07 - Synthesis of Information Related to Transit Problems
o TJ1131 - Application and Monetization of Data Collected by Transit Agencies
o TJ1143 - Analysis of Public Transportation Health Impacts and Benefits
o TJ1144 - Improving Access to Public Transit with Transit-Oriented Streets
o TJ1147 - Affordable Housing and Transit
o TJ1149 - New Transit Service Delivery to Drive Ridership Growth
o TJ1150 - Transit Governance and Funding Models
o TJ1151 - Enhancing Transit Operations with Artificial Intelligence

Councils
  o A001C – Young Members Coordinating Council
  o A0030C – City Transportation Issues Coordinating Council

Recent and Upcoming Events

Upcoming TRB Events – Use left hand menu to filter events
TRB's Symposium on Managed Lanes  
August 12-14, 2024  
Irvine, CA

TRB's Transportation Symposium on Environment, Energy, and Livable Economies  
August 25-28, 2024  
Denver, CO

TRB's International Conference on Women and Gender in Transportation  
September 9-11, 2024  
Irvine, CA

TRB's Transit Safety and Security Conference  
July 15-17, 2025  
Washington, DC

Past Events - In the Past Events tab under Types, choose what event you are interested in, search titles by keyword

TRB Webinar: Transportation for People with Disabilities and Older Adults in COVID-19  
January 30, 2024

TRB’s 4th International Conference on Access Management  
June 24-26, 2024  
Boston, MA

TRB’s Workshop on Transportation Law  
July 7-10, 2024  
Kansas City, MO

TRB’s 2nd Conference on Advancing Transportation Equity  
July 15-18, 2024  
Baltimore, MD

Innovations in Travel Analysis and Planning Conference  
June 4-6, 2023  
Indianapolis, IN

National Conference on Transportation Asset Management  
July 8-11, 2023  
Boston, MA

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- 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
- 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

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