TRB Snap Search: Public Transportation Maintenance

TRB's involvement in research on Public Transportation Maintenance from 2021-2023

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 Maintenance within the past two years.

Related Snap Search

- Public Transportation Snap Search

Specialty 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

- 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

- 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
  - Report 229 - Assessing and Mitigating Electrical Fires on Transit Vehicles
  - Report 219 - Guidebook for Deploying Zero Emissions Transit Buses
  - Synthesis 164 - Bus Rapid Transit: Current State of Practice

Current & Upcoming Projects

- Current Projects
  - NCHRP 08-133 - Implementing the National Intercity Bus Atlas
  - NCHRP 08-147 - Improving Public Transportation in Rural Areas and Tribal Communities
  - TCRP F-30 - Guide for Protecting Transportation Employees and the Traveling Public from Airborne Diseases
  - TCRP G-17 - Assessing Lifecycle and Human Costs of Bus Operator Workstation Design and Components
  - TCRP J-05/Topic 18-04 - Joint Development Agreements Using FTA Funds or FTA-Funded Assets
  - TCRP Synthesis J-07/Topic SA-57 - Statewide Approaches to the Development of Comprehensive Transit Information Systems
• **Upcoming Projects**
  
  o  **TCRP D-20** - Investigation and Mitigation of Insulated Joint Electrical Failure  
  o  **TCRP E-14** - Lithium-Ion Battery Transit Bus Fire Prevention and Risk Management  
  o  **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  
  o  **TCRP Synthesis J-07/Topic SA-56** - Use of Automatic Vehicle Monitoring (AVM) and Vehicle Health Monitoring/Diagnostic Systems by Transit Agencies  
  o  **TCRP Synthesis J** - **07/Topic SB-38** - Accessible Vehicles Fleet Configuration

Reports from the [National Academies Press](https://www.nap.edu) on Public Transportation Maintenance

  o  [Equitable and Resilient Infrastructure Investments](https://www.nap.edu)  
  o  [Corrosion of Buried Steel at New and In-Service Infrastructure](https://www.nap.edu)  
  o  [Investing in Resilient Infrastructure in the Gulf of Mexico](https://www.nap.edu)  
  o  [Service Life Assessment and Predictive Modeling for an Aging Critical Infrastructure](https://www.nap.edu)  
  o  [Engineering for Pandemics: Preparedness, Response, and Recovery](https://www.nap.edu)  
  o  [Population Health in Rural America in 2020](https://www.nap.edu)  
  o  [Assessment of Technologies for Improving Light-Duty Vehicle Fuel Economy—2025-2035](https://www.nap.edu)

**Committees & Panels**

[Sign-up to be a committee "Friend"](https://www.trb.org)

**TRB Standing Committees** – Search by transportation mode and committee topic

  o  **AP010** – Transit Management and Performance

**Committees Related to Non-Public Transportation and Preservation**

  o  **AKB40** - Testing and Evaluation of Transportation Structures  
  o  **AKR10** - Maintenance and Operations Management  
  o  **AKR20** - Roadside Maintenance Operations  
  o  **AKR30** - Maintenance Fleet and Equipment  
  o  **AKR40** - Winter Maintenance  
  o  **AKR50** - Road Weather  
  o  **AKT10** - Pavement Management Systems  
  o  **AKT20** - Pavement Preservation  
  o  **AKT30** - Pavement Maintenance  
  o  **AKT40** - Structures Maintenance  
  o  **AR050** - Railroad Infrastructure Design and Maintenance  
  o  **AR060** - Rail Transit Infrastructure Design and Maintenance

**Task Forces** - Search for *task force* under committee here

**CRP Panels**

  o  **STSG20** - Performance Metrics in Third Party Contracts for Bus Operations and Maintenance

**Councils**

  o  **A001C** – Young Members Coordinating Council

**Recent and Upcoming Events**

**Upcoming TRB Conferences** – Use left hand menu to filter events

  [National Conference on Transportation Asset Management](https://www.trb.org)  
  *July 8-11, 2023*  
  *Boston, MA*

**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](https://www.trb.org) and the [TRIS Databases](https://www.trb.org) (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](http://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](http://trt.trb.org) - A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – [rip.trb.org](http://rip.trb.org) - Current or recently completed transportation research projects
- **Publications Index (PubsIndex) Database** – [pubsindex.trb.org](http://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](mailto:TRBLibrary@nas.edu)