

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Public Transportation Maintenance

TRB's involvement in research on Public Transportation Maintenance from 2020-2022

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 Maintenance within the past two years.

Related Snap Search

- [Public Transportation Snap Search](#)

Specialty Reports

- [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
 - [Web-Only Document 287](#) - Planning and Implementing Multimodal, Integrated Corridor Management: Guidebook
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [IDEA Report 94](#) - Evaluation of Transit Vehicle Brake Inspection through Ultrasonic Emissions Analysis
 - [Legal Research Digest 57](#) - Fix It, Sign It or Close It: State of Good Repair in an Era of Budget Constraints
 - [Legal Research Digest 55](#) - Tax Increment Financing for Transit Projects
 - [Report 229](#) - Assessing and Mitigating Electrical Fires on Transit Vehicles
 - [Report 219](#) - Guidebook for Deploying Zero Emissions Transit Buses
 - [Report 212](#) - Stray Current Control of Direct Current-Powered Rail Transit Systems: A Guidebook
 - [Report 206](#) - Guidance for Calculating the Return on Investment in Transit State of Good Repair
 - [Synthesis 151](#) - Maintenance Planning for Rail Asset Management—Current Practices

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
 - [NCHRP Synthesis 20-05/Topic 52-13](#) - Micromobility Policies, Permits, and Practices
 - [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 J-05/Topic 18-04](#) - Joint Development Agreements Using FTA Funds or FTA-Funded Assets
 - [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 SG-19](#) - Paratransit Service Delivery Models for Small Systems
- [Upcoming Projects](#)
 - [TCRP D-20](#) - Insulated Joint Failure Investigation Mitigation
 - [TCRP E-14](#) - Electric Bus Fire Prevention and Risk Management
 - [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 Synthesis J-07/Topic SG-20](#) - Performance Metrics in Third Party Contracts for Bus Operations and Maintenance

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

- [Service Life Assessment and Predictive Modeling for an Aging Critical Infrastructure](#)
- [Engineering for Pandemics: Preparedness, Response, and Recovery](#)
- [Population Health in Rural America in 2020](#)
- [Assessment of Technologies for Improving Light-Duty Vehicle Fuel Economy—2025-2035](#)
- [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

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

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

- [AP010](#) – Transit Management and Performance

Committees Related to Non-Public Transportation and Preservation

- [AKB40](#) - Testing and Evaluation of Transportation Structures
- [AKR10](#) - Maintenance and Operations Management
- [AKR20](#) - Roadside Maintenance Operations
- [AKR30](#) - Maintenance Fleet and Equipment
- [AKR40](#) - Winter Maintenance
- [AKR50](#) - Road Weather
- [AKT10](#) - Pavement Management Systems
- [AKT20](#) - Pavement Preservation
- [AKT30](#) - Pavement Maintenance
- [AKT40](#) - Structures Maintenance
- [AR050](#) - Railroad Infrastructure Design and Maintenance

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

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.*)

[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.

[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](#) 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