TRB Snap Search: Public Transportation Maintenance

TRB’s involvement in research on Public Transportation Maintenance from 2019-2021

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

Recent Reports & Publications

- National Cooperative Highway Research Program (NCHRP)
  - 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
  - IDEA Report 86 - Advanced Neutral Temperature Estimation using Solitary Waves (ANTEUSW)
  - Legal Research Digest 55 - Tax Increment Financing for Transit Projects
  - Report 219 - Guidebook for Deploying Zero Emissions Transit Buses
  - Report 212 - Stray Current Control of Direct Current-Powered Rail Transit Systems: A Guidebook
  - Synthesis 150 - Third Rail Insulator Failures: Current State of the Practice

Current & Upcoming Projects

- Current Projects
  - TCRP C-23 - Assessing and Mitigating Electrical Fires on Transit Vehicles
  - 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 J-11/Task 38 - An Analysis of Green Bond Financing in the Public Transportation Industry
  - TCRP Synthesis J-07/Topic SB-33 - Uses of Social Media in Public Transportation
  - TCRP Synthesis J-07/Topic SD-06 - Transit Agency Relationships and Initiatives to Improve

- Upcoming Projects
  - NCHRP 08-133 - Implementing the National Intercity Bus Atlas
  - NCHRP 08-147 - Design Guide for Rural Deviated Fixed Route Transit Systems
  - TCRP D-20 - Insulated Joint Failure Investigation Mitigation
Reports from the National Academies Press on Public Transportation Maintenance

- 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
- AR060 - Rail Transit 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.)

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

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