TRB Snap Search: Public Transportation Maintenance

TRB’s involvement in research on Public Transportation Maintenance from 2018-2020

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

- Transit Cooperative Research Program (TCRP)
  - IDEA Report 86 - Advanced Neutral Temperature Estimation using Solitary Waves (ANTEUSW)
  - Report 212 - Stray Current Control of Direct Current-Powered Rail Transit Systems: A Guidebook
  - Report 200 - Contracting Commuter Rail Services, Volume 1: Guidebook
  - Report 200 - Contracting Commuter Rail Services, Volume 2: Commuter Rail System Profiles
  - Report 194 - Knowledge Management Resource to Support Strategic Workforce Development for Transit Agencies
  - Synthesis 130 - Battery Electric Buses—State of the Practice

- Transportation Research Circulars
  - E-Circular 228 – Rebuilding and Retrofitting the Transportation Infrastructure

Current & Upcoming Projects

- Current Projects
  - ACRP Synthesis 11-03/Topic S01-22 - Last Mile in General Aviation - Challenges with Courtesy Cars and other forms of Ground Transportation
  - NCHRP 03-131 - Guidance for Planning and Implementing Multimodal, Integrated Corridor Management
  - 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 SD-06 - Transit Agency Relationships and Initiatives to Improve
  - TCRP Synthesis J-07/Topic SD-05 - Third Rail Insulator Failures- Current State of the Practice
  - Transit IDEA J-04/IDEA 94 - Evaluation of Transit Vehicle Brake Inspection Through Ultrasonic Emissions Analysis

Updated 06/24/2020
• **Upcoming Projects**
  - NCHRP 08-147: Design Guide for Rural Deviated Fixed Route Transit Systems
  - 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

**Reports from the National Academies Press on Public Transportation Maintenance**
- Implementing Strategies to Enhance Public Health Surveillance of Physical Activity in the United States
- Achieving Rural Health Equity and Well-Being
- Community-Based Health Literacy Interventions
- People Living with Disabilities - Health Equity, Health Disparities, and Health Literacy: Proceedings of a Workshop

**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.)

- **Transportation Asset Management Summer MegaMeeting***
  *July 13, 2020*
  Online

- **TRB Transit Safety and Security Conference and APTA Mid-year Safety and Security Seminar**
  *November 16, 2020*
  Washington, DC

- **2021 NAEP Annual Conference and Training Symposium***
  *May 1, 2021*
  Phoenix, AZ

- **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**
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:

TRID – The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation - trid.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

Snap Searches - Formerly called ‘Overview Guides,’ Snap Searches provide a succinct summary of activities in TRB on a given topic including: upcoming events such as conferences and webinars; names of Committees working on relevant issues; and a list of recent reports from TRB and The National Academies - www.trb.org/InformationServices/Snap.aspx

Contact the Library at TRBLibrary@nas.edu or 1(202) 334-2989