



TRANSPORTATION RESEARCH BOARD

Public Transportation Maintenance Overview

TRB at a Glance

The mission of the Transportation Research Board (TRB) is to provide leadership in transportation innovation and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multimodal.

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.

More info at www.trb.org

TRB's Transportation Research Information Services (TRIS)

TRIS includes the TRB Library and the TRIS Databases (listed below) which are available for 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

Practice Ready Papers (PRP) Database - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort.
prp.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

More information about TRIS is available online at: <http://www.trb.org/InformationServices/InformationServices.aspx>
Contact the Library at TRBLibrary@nas.edu or 1 (202) 334-2989

Webinars

View TRB webinars here: <http://www.trb.org/ElectronicSessions/ConferenceRecordings.aspx>

Technical Committees

- Standing Committees:



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- AP010 - Transit Management and Performance
- Standing Committees (Related to non-Public Transportation Maintenance and Preservation):
 - AFF40 - Field Testing and Nondestructive Evaluation (NDE) of Transportation Structures
 - AFP50 - Seasonal Climatic Effects on Transportation Infrastructure
 - AH000- Operations and Preservation Group
 - AH010 - Surface Transportation Weather
 - AHD00 - Section - Maintenance and Preservation
 - AHD10 - Maintenance and Operations Management
 - AHD15 - Maintenance and Operations Personnel
 - AHD30 - Structures Maintenance
 - AHD45 - Corrosion
 - AHD60 - Maintenance Equipment
 - AHD65 - Winter Maintenance
 - AR060 - Railway Maintenance
- Subcommittees:
 - Ap010(1) - Subcommittee on Transit Capital Replacement
 - AP010(2) - Subcommittee on Transit fleet Maintenance
 - Ap010(3) - Subcommittee on Transit State of Good Repair
- Task Force:
 - AB020T - Task Force on Value of Transportation Infrastructure
- Council:
 - Young Member Council (A0040T)

To become Friend of any committee visit MyTRB.org

Cooperative Research Program (CRP)

- Recent Reports
 - TCRP Report, Issue 184 - Maintenance Technician Staffing Levels for Modern Public Transit Fleets. (2016)
 - TCRP Report, Issue 178 - A National Training and Certification Program for Transit Vehicle Maintenance Instructors. (2015)
 - TCRP Report, Issue 172 - Guidance for Developing a Transit Asset Management Plan. (2014)
 - TCRP Report, Issue 170 - Establishing a National Transit Industry Rail Vehicle Technician Qualification Program—Building for Success. (2014)
 - TCRP Report, Issue 157 - State of Good Repair: Prioritizing the Rehabilitation and Replacement of Existing Capital Assets and Evaluating the Implications for Transit. (2012)
 - TCRP Synthesis of Transit Practice, Issue 120 - Use of Automotive Service Excellence Tests Within Transit. (2016)
 - TCRP Synthesis of Transit Practice, Issue 107 - Rail Transit Track Inspection Practices. (2013)
 - TCRP Synthesis of Transit Practice, Issue 100 - Elevator and Escalator Maintenance and Safety Practices. (2012)
 - TCRP Synthesis of Transit Practice, Issue 92 - Transit Asset Condition Reporting (2011)

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- TCRP Research Results Digest, Issue 101 - Funding for Infrastructure Maintenance: Achieving and Sustaining a State of Good Repair. (2011)
- TRANSIT-IDEA Program Project Final Report, Issue 77 - Development of a Prototype Retrofit Bumper for Improved Light Rail Vehicle (LRV) Safety. (2015)
- TRANSIT-IDEA Program Project Final Report, Issue 62 - Development of Electrical Maintenance Training Module for Bus Transit Technicians. (2013)
- TRANSIT-IDEA Program Project Final Report, Issue 59 - Recoating Electrified Third Rail cover Boards - Phase 2. (2010)
- TCRP Web Document, Issue 65 - Wheel Profile Maintenance Guidelines. (2014)
- TCRP Web Document, Issue 64 - Performance Based Track Geometry Phase 2. (2014)
- TCRP Web Document, Issue 52 - Performance-Based Track Geometry, Phase 1. (2012)
- Transportation Research E-Circular, Issue 213 - 13th National Light Rail and Streetcar Conference: Transforming Urban Areas. (2016)
- NCHRP Report, Issue 692 - Decision Making for Outsourcing and Privatization of Vehicle and Equipment Fleet Maintenance. (2011)
- Current research
 - TCRP A-41 - Improving the Resiliency of Transit Systems Threatened by Natural Disasters.
 - TCRP E-11 - The Relationship Between Transit Asset Condition and Service Quality

Panel Member nominations accepted (<http://www.trb.org/TCRP/CRPInfoPanelMembers.aspx>)