



TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Asset Management

TRB's involvement in research on Asset Management from 2018-2019

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 Asset Management within the past year.

Specialty Publications

- [Critical Issues in Transportation 2019](#)

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Impacts on Practice](#) - Building an Asset Management Framework at Cincinnati/Northern Kentucky International Airport
 - [Web Resource 6](#) - Resources for Managing Small Airports
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 903](#) - Geotechnical Asset Management for Transportation Agencies, Volume 1: Research Overview
 - [Report 903](#) - Geotechnical Asset Management for Transportation Agencies, Volume 2: Implementation Manual
 - [Report 898](#) - A Guide to Developing Financial Plans and Performance Measures for Transportation Asset Management
 - [Report 866](#) - Return on Investment in Transportation Asset Management Systems and Practices
 - [Report 858](#) - Quantifying the Effects of Preservation Treatments on Pavement Performance
 - [Synthesis 521](#) - Investment Prioritization Methods for Low-Volume Roads
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Report 198](#) - The Relationship Between Transit Asset Condition and Service Quality
- [Transportation Research Circulars](#)
 - [E-Circular 228](#) - Rebuilding and Retrofitting the Transportation Infrastructure

Current & Upcoming Projects

- [Current Projects](#)
 - [NCHRP 08-115](#) - Guidebook for Data and Information Systems for Transportation Asset Management
 - [NCHRP 20-06/Topic 24-05](#) - Fix It, Sign It, or Close It: State of Good Repair in an Era of Budget Constraints
 - [NCHRP 20-24\(124\)](#) - Performance Management Reporting Peer Exchange
 - [NCHRP 20-50\(21\)](#) - Enhancements of Climatic Inputs and Related Models for Pavement ME Using LTPP Climate Tool (MERRA-2)
 - [NCHRP 20-65/Task 77](#) - Lessons Learned and Impacts to Date of State DOT Implementation of New Federal Transit Asset Management and Public Transportation Agency Safety Requirements
 - [NCHRP Synthesis 20-05/Topic 50-15](#) - Asset Management Approaches to Identifying and Evaluating Assets Damaged Due to Emergency Events
 - [TCRP J-05/Topic 18-05](#) - Fix It, Sign It, or Close It: State of Good Repair in an Era of Budget Constraints

- [Transit IDEA J-04/IDEA 90](#) - sUAS-Based GeoINTEL for Commuter Rail Parking in Rural and Suburban Areas
- [Upcoming Projects](#)
 - [NCHRP 02-26](#) - Implementation of Life-Cycle Planning Analysis in a Transportation Asset Management Framework
 - [NCHRP 02-27](#) - Making Targets Matter: Managing Performance to Enhance Decision-Making
 - [NCHRP 08-113](#) - Integrating Effective Transportation Performance, Risk, and Asset Management Practices
 - [NCHRP 08-118](#) - Risk Assessment Techniques for Transportation Asset Management
 - [NCHRP 14-42](#) - Determining the Impact of Connected and Automated Vehicle Technology on State DOT Maintenance Programs
 - [NCHRP 22-33](#) - Multi-State In-Service Performance Evaluations of Roadside Safety Hardware

Reports from the [National Academies Press](#) on Asset Management

- [Climate Communications Initiative Strategic Plan](#)
- [The Human Factors of Process Safety and Worker Empowerment in the Offshore Oil Industry](#)

Committees & Panels

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

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

- [ABC40](#) - Transportation Asset Management
- [ABC99I](#) - 12th National Conference on Transportation Asset Management
- [ABC99J](#) - Transportation Asset Management: 13th National Conference
- [ADA40](#) - Transportation Needs of National Parks and Public Lands
- [AFS20](#) - Geotechnical Instrumentation and Modeling
- [AHD60](#) - Maintenance Equipment

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

CRP Panels

- [D0226](#) - Implementation of Programmatic Life Cycle Cost Analysis in a Transportation Asset Management Framework
- [D08109](#) - Updating the AASHTO Transportation Asset Management Guide—A Focus on Implementation
- [D08113](#) - Integrating Effective Transportation Performance, Risk, and Asset Management Practices
- [D08118](#) - Risk Assessment Techniques for Transportation Asset Management
- [D1912](#) - Development of Financial Plans and Performance Measures for Transportation Asset Management
- [D20100](#) - Estimating the Return on Investment in Transportation Asset Management Systems and Practices
- [D2074](#) - Developing an Asset Management Plan for the Interstate Highway System
- [D2446](#) - Development of an Implementation Manual for Geotechnical Asset Management

Councils

- [A0040T](#) – Young Member Council

Recent and Upcoming Events

[Upcoming Conferences](#)- Left hand menu “upcoming conferences by topic”
(*Conferences cosponsored by TRB are denoted with an asterisk.*)

[13th National Conference on Transportation Asset Management](#)

July 11-14, 2020

Boston, Massachusetts

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

Past Webinars

- [Current and Evolving Practices in Asset Management for Highway Agencies](#) – August 7, 2018
- [Organizational Change for Performance and Asset Management](#) - May 22, 2018
- [Return on Investment in Asset Management Systems and Process Improvements](#) - May 7, 2018

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

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

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