



TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Administration & Management

TRB's involvement in research on Administration & Management from 2016-2018

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

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 Administration & Management within the past year.

Subject Webpage

- [Administration & Management Research at TRB](#)

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Impacts on Practice](#) - Using Airfield LED Lighting to Save Energy and Costs
 - [Impacts on Practice](#) - Preparing the Next Generation of Airport Leaders
 - [Legal Research Digest 30](#) - Contract Risk Management for Airport Agreements
 - [Legal Research Digest 27](#) - The Fourth Amendment and Airports
 - [Report 157](#) - Improving the Airport Customer Experience
 - [Report 153](#) - Guidebook for IROPS Stakeholder Communication & Coordination
 - [Report 151](#) - Developing a Business Case for Renewable Energy at Airports
 - [Report 72](#) - Guidebook for Selecting Methods to Monitor Airport and Aircraft Deicing Materials
 - [Synthesis 78](#) - Continuity of Operations Planning for Small Airports
 - [Research Results Digest 25](#) - Graduate Research Award Program on Public-Sector Aviation Issues Update: 2008–2017
 - [Web-Only Document 28](#) - Identifying and Evaluating Airport Workforce Requirements
 - [Web Resource 1](#) - Aligning Community Expectations with Airport Roles
- [Conference & Workshop Proceedings](#)
 - [Proceedings on the Web 20](#) - Transportation Asset Management: Summary of the 11th National Conference
 - [Proceedings on the Web 18](#) - Transportation Systems Performance Measurement and Data: Summary of the 5th International Conference
- [National Cooperative Freight Research Program \(NCFRP\)](#)
 - [Report 37](#) - Using Commodity Flow Survey Microdata and Other Establishment Data to Estimate the Generation of Freight, Freight Trips, and Service Trips: Guidebook
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Briefing Document](#) - Strategies to Advance Automated and Connected Vehicles
 - [Brochure](#) - NCHRP: Supporting Transportation Agency Leaders
 - [Brochure](#) - Connected and Automated Vehicles: NCHRP Support for Transportation Agency Leaders
 - [Impacts on Practice](#) - Knowledge and Information - Critical DOT Assets
 - [Ready Results Document](#) - Optimizing Materials QA to Improve Construction, Save Costs
 - [Report 850](#) - Applying Risk Analysis, Value Engineering, and Other Innovative Solutions for Project Delivery
 - [Report 846](#) - Improving Findability and Relevance of Transportation Information: Volume I—A Guide for State Transportation Agencies, and Volume II—Background Research

- [Report 845](#) - Advancing Automated and Connected Vehicles: Policy and Planning Strategies for State and Local Transportation Agencies
- [Report 838](#) - Guidelines for Optimizing the Risk and Cost of Materials QA Programs
- [Report 832](#) - State DOTs Connecting Specialized Transportation Users and Rides Volume 1: Research Report
- [Report 832](#) - State DOTs Connecting Specialized Transportation Users and Rides Volume 2: Toolkit for State DOTs and Others
- [Report 831](#) - Civil Integrated Management (CIM) for Departments of Transportation, Volume 1: Guidebook
- [Report 831](#) - Civil Integrated Management (CIM) for Departments of Transportation, Volume 2: Research Report
- [Report 829](#) - Leadership Guide for Strategic Information Management for State Departments of Transportation
- [Report 823](#) - Guidelines for Certification and Management of Flexible Rockfall Protection Systems
- [Report 821](#) - Effective Project Scoping Practices to Improve On-Time and On-Budget Delivery of Highway Projects
- [Synthesis 510](#) - Resource Allocation of Available Funding to Programs of Work
- [Synthesis 509](#) - Highway Worker Safety
- [Synthesis 508](#) - Data Management and Governance Practices
- [Synthesis 504](#) - Strategic Program Delivery Methods
- [Synthesis 483](#) - Training and Certification of Highway Maintenance Workers
- [Web-Only Document 233](#) - Mainstreaming Transportation Hazards and Security Risk Management: CAPTA Update and Implementation
- [Web-Only Document 232](#) - Communications Worker Credentialing Requirements
- [Web-Only Document 226](#) - Data Visualization Methods for Transportation Agencies
- [Web-Only Document 221](#) - (TCRP 67) Protection of Transportation Infrastructure from Cyber Attacks: A Primer
- [National Cooperative Rail Research Program \(NCRRP\)](#)
 - [Legal Research Digest 3](#) - Issues that Emerge When Public Entities Acquire a Real Property Interest in Rail Lines
 - [Report 6](#) - Improving Safety Culture in Public Transportation
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Legal Research Digest 49](#) - Updated Guide to Buy America Requirements—2015 Supplement
 - [Report 185](#) - Bus Operator Workstation Design for Improving Occupational Health and Safety
 - [Report 182](#) - Linking Transit Agencies and Land Use Decision Making: Guidebook for Transit Agencies
 - [Research Results Digest 112](#) - Contracting Commuter Rail Services
 - [Synthesis 125](#) - Multiagency Electronic Fare Payment Systems
- [TRB Special Reports](#)
 - [Report 321](#) - Strengthening the Safety Culture of the Offshore Oil and Gas Industry
- [Transportation Research Circulars](#)
 - [E-Circular 222](#) – Automated Vehicles Symposium 2016
 - [E-Circular 212](#) - The Future Locomotive: How to Manage What You Have Today With a View to the Future
 - [E-Circular 210](#) - Multimobility and Sharing Economy: Shaping the Future Market Through Policy and Research
 - [E-Circular 208](#) - Transformational Technologies in Transportation: State of the Activities
 - [E-Circular 203](#) - Transportation for Sustainability: An International Conference
- [Transportation Research Record: Journal of the Transportation Research Board](#)
 - [Volume 2654](#) - Planning
 - [Volume 2614](#) - Research & Education
 - [Volume 2568](#) - Planning
 - [Volume 2537](#) - Public Transportation: Planning, Accessibility, and Parking, Volume 5, 2015

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 01-29](#) - Design and Development of a State Aviation Information Database
 - [ACRP 01-30](#) - Airport Management Guide for Providing Aircraft Fueling Services
 - [ACRP 01-31](#) - Innovative Solutions to Facilitate Accessibility for Airport Travelers with Disabilities
 - [ACRP 01-32](#) - Updating ACRP Report 16: Guidebook for Managing Small Airports
 - [ACRP 01-33](#) - Preparing for the Connected Airport and the Internet of Things
 - [ACRP 01-34](#) - Developing Innovative Strategies for Aviation Education and Participation
 - [ACRP 03-37](#) - Using GIS for Collaborative Land Use Compatibility Planning Near Airports
 - [ACRP 03-41](#) - Common Performance Metrics for Airport Infrastructure and Operational Planning
 - [ACRP 03-43](#) - Integrating Airport Ground Access and Metropolitan Surface Transportation Planning Efforts
 - [ACRP 03-44](#) - Building and Maintaining Air Service Through Incentive Programs

- [ACRP 03-45](#) - Collecting and Sharing of Operational and Safety Data
 - [ACRP 06-04](#) - Identifying and Evaluating Airport Workforce Requirements
 - [ACRP 08-02](#) - Integrating Collaborative Partnering for Airport Projects
 - [ACRP 09-16](#) - Best Practices for Airport Obstruction Management
 - [ACRP Synthesis 11-03/Topic S01-17](#) - Attracting Investment at General Aviation Airports Through Public-Private Partnerships
 - [ACRP Synthesis 11-03/Topic S02-17](#) - Sustainability's Role in Enhancing Airport Capacity
 - [ACRP Synthesis 11-03/Topic S02-18](#) - Airport Waste Management and Recycling Practices
 - [ACRP Synthesis 11-03/Topic S03-14](#) - Simulation Options for Airport Planning
 - [ACRP Synthesis 11-03/Topic S04-19](#) - Incorporating ADA and Functional Needs in Emergency Exercises
 - [ACRP Synthesis 11-03/Topic S04-20](#) - Airport Incident Reporting Practices
 - [NCFRP 48](#) - Freight Research to Support MAP-21 Implementation
 - [NCFRP 49](#) - Understanding and Using New Data Sources to Address Urban and Metropolitan Freight Challenges
 - [NCFRP 50](#) - Improving Freight Transportation Resilience in Response to Supply Chain Disruptions
 - [NCHRP 03-111](#) - Effectiveness of Work Zone Transportation Management Plan (TMP) Strategies
 - [NCHRP 03-120](#) - Assessing Interactions Between Access Management Treatments and Multimodal Users
 - [NCHRP 03-121](#) - Incorporating Freight, Transit, and Incident Response Stakeholders into Integrated Corridor Management (ICM): Processes and Strategies for Implementation
 - [NCHRP 03-124](#) - Principles and Guidance for Presenting Drivers with Dynamic Information on Active Traffic Management
 - [NCHRP 03-127](#) - Cybersecurity of Traffic Management Systems
 - [NCHRP 07-23](#) - Access Management in the Vicinity of Interchanges
 - [NCHRP 08-103](#) - Implementing NCHRP Report 806: Guide to Cross-Asset Resource Allocation and the Impact on Transportation System Performance
 - [NCHRP 08-104](#) - A Guidebook for Post-Award Contract Administration for Highway Projects Delivered Using Alternative Contracting Methods
 - [NCHRP 08-105](#) - Measuring the Effectiveness of Public Involvement in Transportation Planning and Project Delivery
 - [NCHRP 08-106](#) - Metropolitan Freight Transportation: Implementing Effective Strategies
 - [NCHRP 08-107](#) - A Guidebook for Emergency Contracting Procedures for Administration of a Regional Emergency
 - [NCHRP 08-108](#) - Developing National Performance Management Data Strategies to Address Data Gaps, Standards, and Quality
 - [NCHRP 10-91A](#) - Sustainable Highway Construction Practices
 - [NCHRP 13-05](#) - Guide for Utilization Measurement and Management of Fleet Equipment
 - [NCHRP 14-34](#) - Guide for Performance Measures in Snow and Ice Control Operations
 - [NCHRP 14-40](#) - Transforming Roadside Management and Technology Practices for the Benefit of Safety, Ecology, and Economy
 - [NCHRP 15-62](#) - Design and Access Management Guidelines for Truck Routes
 - [NCHRP 19-12](#) - Guide for Financial Planning and Management in Support of Transportation Asset Management
 - [NCHRP 19-14](#) - Right-Sizing Transportation Investments--Methods for Planning and Programming
 - [NCHRP 20-07/Task 239](#) - Identification and Delineation of Incident Management and Multi-Agency Emergency Response Functions
 - [NCHRP 20-107](#) - Effective Construction Project Staffing Strategies for Transportation Agencies
 - [NCHRP 20-108](#) - Guide to Sustaining a Culture of Innovation within Departments of Transportation
 - [NCHRP 20-118](#) - Effective Performance Management by Transportation Agencies—Benchmarking and Comparative Measurement
 - [NCHRP 20-24\(95\)](#) - Ensuring Essential Capability for the Future Transportation Agency
 - [NCHRP 20-97](#) - Improving Findability and Relevance of Transportation Information
 - [NCHRP 25-51](#) - Limitations of the Infiltration Approach to Stormwater Management in the Highway Environment
 - [TCRP A-36](#) - Command-Level Decision Making for Transportation Emergency Managers
 - [TCRP F-22](#) - Identifying Best Practices and Sharing Resources for Transit Technical Training
 - [TCRP F-24](#) - Overcoming Barriers to Implementing Best and Innovative Training Practices for Public Transportation's Frontline Workforce
- [Upcoming Projects](#)
 - [ACRP 01-36](#) - Guidebook for Developing State Aviation System Plans
 - [ACRP 01-37](#) - Best Practices for State Aeronautics Division Performance Measures
 - [ACRP 01-38](#) - Fair Market Values at Small Airports
 - [ACRP 03-46](#) - Benefits and Challenges of Privatization: Guidance for Airport Policy-makers
 - [ACRP 06-05](#) - Handbook of Diversity and Inclusion Best Practices for Airports
 - [NCHRP 03-126](#) - Operational Standards for Highway Infrastructure
 - [NCHRP 03-128](#) - Business Intelligence for Transportation System Management and Operations and Agency Decision

- Making
- [NCHRP 03-131](#) - Benefits and Best Practices in Implementing Decision Support Systems for Real-time Transportation Management
- [NCHRP 20-102\(14\)](#) - Data Management Strategies for CV/AV Applications for Operations
- [NCHRP 20-115](#) - Deploying Transportation Security Practices in State DOTs
- [NCHRP 20-116](#) - Emergency Management in State Transportation Agencies
- [NCHRP 25-47](#) - Strategies to Reduce Agency Costs and Improve Benefits Related to Highway Access Management

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

- [Improving Motor Carrier Safety Management](#)
- [Beyond Compliance: Strengthening the Safety Culture of the Offshore Oil and Gas Industry](#)
- [Commercial Motor Vehicle Driver Fatigue, Long-Term Health, and Highway Safety](#)
- [Exploring Data and Metrics of Value at the Intersection of Health Care and Transportation: Proceedings of a Workshop](#)

Committees & Panels

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

[Technical Activities Division Standing Committees](#) – Search by transportation mode and committee topic

- [AB000](#) – Policy and Organization Group
- [ABC00](#) – Management and Leadership
- [ABC10](#) – Strategic Management
- [ABC20](#) – Management and Productivity
- [ABC30](#) – Performance Measurement
- [ABC40](#) – Transportation Asset Management
- [AHD10](#) – Maintenance and Operations Management
- [AHD15](#) – Maintenance and Operations Personnel
- [AL030](#) – Contract Law
- [ANB10](#) – Transportation Safety Management
- [AP010](#) – Transit Management and Performance
- [AP030](#) – Public Transportation Marketing and Fare Policy

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

- [A0030T](#) – Data for Decisions and Performance Measures
- [AB010T](#) – Knowledge Management
- [AT017T](#) – Development of Freight Fluidity Performance Measures

CRP Panels

- [Project Panels Related to Administration and Management](#)

Councils

- [A0040T](#) – Young Member Council

Recent and Upcoming Events

[Conferences \(co-sponsored by TRB\)](#) - Left hand menu “upcoming conferences by topic”

2018 Planning for Shifting Trade Workshop*

January 30-31, 2018

Tampa, Florida

Transport Research Arena 2018*

April 16-19, 2018

Vienna, Austria

12th National Conference on Transportation Asset Management

July 14-17, 2018

San Diego, California

12th Access Management Conference

July 17-19, 2018

Madison, Wisconsin

16th National Tools of the Trade Transportation Planning Conference

August 22-24, 2018
Kansas City, Missouri

6th International Conference on Women's Issues in Transportation (WiIT 2019)
September 10-13, 2019
Irvine, California

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

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

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