



TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Performance Based Regulations

TRB's involvement in research on Performance Based Regulations from 2017-2019

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

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 Performance Based Regulations within the past two years.

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Impacts on Practice](#) - A New Framework for Ground Transportation at Phoenix Sky Harbor Airport
 - [Report 171](#) - Establishing a Coordinated Local Family Assistance Program for Airports
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Briefing Document](#) - Strategies to Advance Automated and Connected Vehicles
 - [Ready Report](#) - New Standards Improve Safety of Adhesive Anchor Systems
 - [Report 852](#) - Method Selection for Travel Forecasting
 - [Report 845](#) - Advancing Automated and Connected Vehicles: Policy and Planning Strategies for State and Local Transportation Agencies
 - [Synthesis 527](#) - Resilience in Transportation Planning, Engineering, Management, Policy, and Administration
 - [Web-Only Document 253](#) - Implications of Connected and Automated Driving Systems, Vol. 3: Legal Modification Prioritization and Harmonization Analysis
 - [Web-Only Document 253](#) - Implications of Connected and Automated Driving Systems, Vol. 4: Autonomous Vehicle Action Plan
 - [Web-Only Document 253](#) - Implications of Connected and Automated Driving Systems, Vol. 5: Developing the Autonomous Vehicle Action Plan
 - [Web-Only Document 253](#) - Implications of Connected and Automated Driving Systems, Vol. 6: Implementation Plan
 - [Web Only Document 239](#) - Impacts of Laws and Regulations on CV and AV Technology Introduction in Transit Operations
- [Policy Studies](#)
 - [Letter Report](#) - Truck Size and Weight Limits Research Plan Committee: First Report: Candidate Research Topics; Framework for Setting Priorities
 - [Special Report 324](#) - Designing Safety Regulations for High-Hazard Industries
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Legal Research Digest 49](#) - Updated Guide to Buy America Requirements—2015 Supplement
 - [Report 196](#) - Private Transit: Existing Services and Emerging Directions
- [Transportation Research E-Circulars](#)
 - [E-Circular 224](#) - Eleventh International Bridge and Structures Management Conference
- [Transportation Research Record: Journal of the Transportation Research Board](#)
 - [Volume 2649](#) - Public Transportation, Volume 3: Management, Performance, and Quality of Service
 - [Volume 2605](#) - Socioeconomics, Sustainability, Health, and Human Factors

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Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 03-46](#) - Implementing Airport Privatization: Guidance for Airport Decision Makers
 - [ACRP 09-16](#) - Best Practices for Airport Obstruction Management
 - [ACRP 11-01/Topic 09-03](#) - Permitted Airport Involvement in Economic Development Efforts
 - [ACRP 11-02/Task 32](#) - Airport Environmental Research Roadmap
 - [NCHRP 08-108](#) - Developing National Performance Management Data Strategies to Address Data Gaps, Standards, and Quality
 - [NCHRP 20-07/Task 389](#) - Implications of State Departments of Transportation (DOTs) Participation in the One Call Process as an Underground Facility Operator
 - [NCHRP 20-95A](#) - Compendium of Successful Practices, Strategies, and Resources in the FHWA Disadvantaged Business Enterprise (DBE) Program
 - [NCHRP 20-102\(11\)](#) - Mobility-on-Demand and Automated Driving Systems: A Framework for Public-Sector Assessment
 - [NCHRP 20-102\(12\)](#) - Business Models to Facilitate Deployment of CV Infrastructure to Support AV Operations
 - [NCHRP 20-114](#) - Multimodal Freight Transportation Research Roadmap
 - [NCHRP 20-121](#) - State DOT Contributions to the Study, Investigation, and Interdiction of Human Trafficking
 - [NCHRP 25-25B](#) - Research for the AASHTO Standing Committee on the Environment
 - [NCHRP 25-55](#) - Assessment of Regulatory Air Pollution Dispersion Models to Quantify the Impacts of Transportation Sector Emissions
 - [NCHRP Synthesis 20-05/Topic 49-10](#) - Transportation Workforce Planning and Development Strategies
 - [NCHRP Synthesis 20-05/Topic 49-15](#) - Automated Pavement Condition Surveys
 - [NCHRP Synthesis 20-05/Topic 50-05](#) - Incorporating Access Management into Local Ordinances and Planning
 - [TCRP H-54](#) - Guide to Equity Analysis in Regional Transportation Planning Processes
- [Upcoming Projects](#)
 - [ACRP 03-51](#) - Electric Aircraft on the Horizon -- An Airport Planning Perspective
 - [NCHRP 10-104](#) - Evaluating Use of Unconventional Fly Ash Sources in Highway Concrete
 - [NCHRP 20-102\(13\)](#) - Planning Data Needs and Collection Techniques for CV/AV Applications
 - [NCHRP 20-102\(14\)](#) - Data Management Strategies for CV/AV Applications for Operations

Reports from the [National Academies Press](#) on Performance Based Regulations

- [High-Performance Bolting Technology for Offshore Oil and Natural Gas Operations](#)
- [Assessing the Risks of Integrating Unmanned Aircraft Systems \(UAS\) into the National Airspace System](#)

Committees & Panels

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

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

- [AB000](#) - Policy and Organization Group
- [ABE00](#) - Transportation Policy
- [ABE20](#) - Transportation Economics
- [ADA00](#) - Transportation System Policy, Planning and Process
- [ADA20](#) - Metropolitan Policy, Planning, and Processes
- [AL060](#) - Eminent Domain and Land Use
- [ANB30](#) - Operator Education and Regulation
- [AT010](#) - Freight Transportation Economics and Regulation
- [AV030](#) - Environmental Impacts of Aviation
- [B0150](#) - Future Interstate Highway System Study Committee
- [B0155](#) - Study on Propane Gas Pipeline Facilities
- [B0163](#) - Revise and Update of the U.S. Coast Guard Vessel Stability Regulations
- [E1008](#) - Rail Safety IDEA Program Committee
- [SC005](#) - Planning and Policy Review

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

- [A0030T](#) - Data for Decisions and Performance Measures

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Panels

- [D0870](#) - Setting Effective Performance Targets for Transportation Programs, Plans, and Policy
- [D2010202](#) - Impacts of Transit System Regulations and Policies on CV/AV Technology Introduction

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.)

[17th National Transportation Planning Applications Conference](#)

June 2-5, 2019

Portland, Oregon

[58th Annual Workshop on Transportation Law](#)

July 20-25, 2019

Cleveland, Ohio

[Conference on Performance and Data in Transportation Decision Making](#)

September 15-19, 2019

Atlanta, Georgia

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

[Past Webinars](#)

- [Balanced/Performance-Engineered Asphalt Mixture Design – Part 2](#) - November 26, 2018
- [Balanced/Performance-Engineered Asphalt Mixture Design – Part 1](#) - November 1, 2018
- [Guidelines for Resurfacing, Restoration, and Rehabilitation Projects](#) - October 2, 2018
- [Performance-Based Mix Design of Porous Friction Courses](#) - September 10, 2018
- [Organizational Change for Performance and Asset Management](#) - May 22, 2018
- [Geometric Highway Design Process for the 21st Century](#) - August 22, 2017
- [An Integrated Approach to Managing Regulatory Compliance](#) - July 25, 2017
- [Performance-Based Design and Improving the Geometric Design Process](#) - March 29, 2017

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:

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

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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