

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Terminals & Facilities

TRB's involvement in research on Terminals & Facilities from 2020-2022

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 Terminals & Facilities within the past two years.

Subject Webpages

- [Terminals & Facilities Research at TRB](#)

Specialty Report

- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Impacts on Practice](#) - Measuring Success at Raleigh–Durham International Airport
 - [Legal Research Digest 38](#) - Legal Issues Related to Large-Scale Airport Construction Projects
 - [Report 233](#) - Airport Biometrics: A Primer
 - [Report 231](#) - Evaluating the Traveler's Perspective to Improve the Airport Customer Experience
 - [Report 230](#) - Enhancing Academic Programs to Prepare Future Airport Industry Professionals
 - [Report 228](#) - Airport Microgrid Implementation Toolkit
 - [Report 227](#) - Evaluating and Implementing Airport Privatization and Public-Private Partnerships
 - [Report 226](#) - Planning and Design of Airport Terminal Restrooms and Ancillary Spaces
 - [Report 225](#) - Rethinking Airport Parking Facilities to Protect and Enhance Non-Aeronautical Revenues
 - [Report 223](#) - Performance Measures for State Aviation Agencies
 - [Report 221](#) - Measuring Quality of Life in Communities Surrounding Airports
 - [Report 220](#) - Guidebook for Developing a Zero- or Low-Emissions Roadmap at Airports
 - [Report 215](#) - Transportation Network Companies (TNCs): Impacts to Airport Revenues and Operations—Reference Guide
 - [Report 214](#) - BIM Beyond Design Guidebook
 - [Report 213](#) - Estimating Market Value and Establishing Market Rent at Small Airports
 - [Report 212](#) - Airports and Unmanned Aircraft Systems, Volume 1: Managing and Engaging Stakeholders on UAS in the Vicinity of Airports
 - [Report 212](#) - Airports and Unmanned Aircraft Systems, Volume 2: Incorporating UAS into Airport Infrastructure—Planning Guidebook
 - [Report 212](#) - Airports and Unmanned Aircraft Systems, Volume 3: Potential Use of UAS by Airport Operators
 - [Synthesis 114](#) - Visual Arts Programs at Airports
 - [Synthesis 112](#) - Airport Operations Training at Small Airports

- [Synthesis 110](#) - Airport Renewable Energy Projects Inventory and Case Examples
- [Synthesis 109](#) - Escalator Falls
- [Synthesis 108](#) - Characteristics of the FBO Industry 2018-2019
- [Synthesis 107](#) - Models for Law Enforcement at Airports
- [WebResource 10](#) - Periodic Publication on Transformative Technologies at Airports
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Legal Research Digest 81](#) - Legal Issues Concerning the Use of Transportation Facilities to Generate Revenue for State DOTs
- [Special Reports / Consensus Studies](#)
 - [Report 338](#) - Modernizing the U.S. Offshore Oil and Gas Inspection Program for Increased Agility and Safety Vigilance
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Synthesis 152](#) - Transit Agency Relationships and Initiatives to Improve Bus Stops and Pedestrian Access

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 01-39](#) - Creative Marketing Techniques to Improve Revenue Generation Partnerships
 - [ACRP 01-41](#) - Airport Blockchain Implementation Guidebook
 - [ACRP 01-46](#) - A Guide for Geospatial Data Governance Policies and Procedures
 - [ACRP 01-49](#) - The Evolution of Knowledge Management at Airports
 - [ACRP 02-90](#) - Development of Airport Construction Emission Inventory Tool (ACEIT) Version 2.0
 - [ACRP 02-91](#) - Development of PFAS Source Differentiation Guidelines for Airports
 - [ACRP 02-92](#) - Creating Self-Directed Resiliency Plans at GA Airports
 - [ACRP 02-93](#) - Guidebook for PFAS Management at Airports
 - [ACRP 02-94](#) - Update ACRP WebResource 4: Airport Air Quality Resource Library
 - [ACRP 02-95](#) - Understanding Airport Air Quality and Public Health Studies Related to Airports: An Update to ACRP Report 135
 - [ACRP 03-56](#) - Airside Planning, Design, Construction, Operations, and Maintenance: WebResource
 - [ACRP 03-59](#) - Strategies to Address Homelessness at Airports
 - [ACRP 03-60](#) - Incorporating Shock Events into Aviation Demand Forecasting and Airport Planning
 - [ACRP 03-61](#) - Implementing and Improving Data Analytics Capabilities at Airports
 - [ACRP 03-62](#) - A Toolkit for Establishing Airport Catchment Areas
 - [ACRP 03-63](#) - Modernizing Air Cargo Operations in U.S. Airports
 - [ACRP 04-25](#) - Airports and Communicable Diseases—Preparedness and Response
 - [ACRP 04-27](#) - Alternative Methods to Manage Tree Growth Near Airports
 - [ACRP 04-28](#) - Developing Alternative Aircraft Arresting Systems
 - [ACRP 07-15A](#) - Airport Passenger Terminal Design Library—UPDATE to ACRP WebResources 2
 - [ACRP 07-17](#) - Update ACRP Report 40: Airport Roadway Analysis and Curbside Congestion Management Strategies
 - [ACRP 07-18](#) - Develop Airfield Design Guidelines for Large Unmanned Aerial Systems (UAS)
 - [ACRP 09-20](#) - Quantifying the Impacts of Delayed Maintenance of Airport Assets
 - [ACRP 09-21](#) - Asset Information Handover Guidelines: From Planning and Construction to O&M
 - [ACRP 10-30](#) - Evaluating the Effectiveness of an Airport's Wildlife Hazard Management Program
 - [ACRP 10-31](#) - Guidebook for Virtual Airport Ramp Control Operations Facilities
 - [ACRP 10-32](#) - U.S. Airport Industry Adoption of Automated Ground Vehicle Systems
 - [ACRP 11-01/Topic 11-03](#) - Analysis of Laws, Regulations, and Case Laws Regarding Airport Customer Facility Charges
 - [ACRP 11-02/Task 30](#) - Research Roadmap in the Area of Design and Construction of Airport Facilities and Infrastructure
 - [ACRP 11-02/Task 40](#) - Quick Response: Primer for Airport Organizational Redesign
 - [ACRP 11-02/Task 41](#) - Toward a Touchless Airport Journey
 - [ACRP 11-08\(20-01\)](#) - ACRP Insight Event--Future of Aviation
 - [ACRP 11-08\(21-01\)](#) - ACRP Insight Event--Future of Airport Finances
 - [ACRP 11-08\(21-02\)](#) - ACRP Insight Event--Issues on Systemic Racism
 - [ACRP Synthesis 11-03/Topic S01-24](#) - Examples of Airports Providing Facility Space for Community Use
 - [ACRP Synthesis 11-03/Topic S01-25](#) - Airport Parking Pricing Strategies
 - [ACRP Synthesis 11-03/Topic S03-16](#) - Project Prioritization and Selection Processes for State Aviation Funding

- [ACRP Synthesis 11-03/Topic S04-26](#) - Managing a Flight Diversion with an Emergency Response at Small, Non-Hub, or General Aviation Airports
- [ACRP Synthesis 11-03/Topic S09-09](#) - Automated Pavement Condition Survey Practices at Airports
- [NCHRP 20-24\(137\)](#) - Assessing and Communicating the Economic and Quality of Life Benefits of Transportation Infrastructure Investments: Message Testing
- [NCHRP Synthesis 20-05/Topic 53-08](#) - Strategies and Programs For Electric Vehicle Charging
- [Upcoming Projects](#)
 - [ACRP 01-50](#) - Guidance for Improved Data Privacy Management for Airports
 - [ACRP 01-52](#) - Championing the Airport System--Challenges the Paradigm
 - [ACRP 02-96](#) - Update ACRP Report 99: Guidance for Treatment of Airport Stormwater Containing Deicers
 - [ACRP 02-97](#) - Updates to ACRP Environmental Reports 11, 43, 147 & 160
 - [ACRP 02-98](#) - Airport Energy Resiliency
 - [ACRP 02-99](#) - Use of Equity and Environmental Justice Data to Support Airport Decision Making
 - [ACRP 02-100](#) - Carbon Removal and Reduction to Support Airport Net-Zero Goals: A Playbook and Tools
 - [ACRP 03-65](#) - ACRP Policy and Planning Product Updates
 - [ACRP 03-66](#) - Digital Twins for Airports
 - [ACRP 03-67](#) - Peer-to-Peer Car Sharing Challenges and Opportunities at Airports
 - [ACRP 03-68](#) - Integrated Contingency Planning for Small and Non-Hub Airports
 - [ACRP 04-26](#) - Uncontrolled Terminal Evacuations: Planning, Response, and Recovery
 - [ACRP 04-29](#) - Transportation Emergency Response Application (TERA): Migration Options Beyond 2020
 - [ACRP 05-03](#) - Mitigating and Responding to Airport Cybersecurity Events
 - [ACRP 07-19](#) - Update to ACRP Report 25: Airport Passenger Terminal Planning and Design
 - [ACRP 09-22](#) - Cost-Effective Training for Airfield Electricians at Small Airports
 - [ACRP 10-33](#) - Incorporating Emerging Ground Access Technologies at Airports
 - [ACRP 11-01/Topic 12-02](#) - Legal Considerations for General Aviation (GA) Development at Airports
 - [ACRP 11-01/Topic 14-01](#) - Legal Considerations for Airports Responding to Pandemics
 - [ACRP 11-11](#) - Facilitating Implementation of ACRP Products
 - [ACRP 11-12/Task 01](#) - Review ACRP Website
 - [NCHRP 05-25](#) - Safety Performance of LED and Variable Lighting Systems
 - [NCHRP 08-148](#) - Utility Abandonment, Out of Service Plant, and Decommissioning without Removal on Public Right of Way
 - [NCHRP 08-156](#) - Planning for Innovative and Emerging Mobility Futures at Intermodal Passenger Facilities
 - [NCHRP 20-06/Topic 26-01](#) - Effects of Indian Treaties on Development and Operation of Transportation Facilities
 - [NCHRP 23-13\(03\)](#) - Guidance for State DOTs on Truck Rest and Service Areas for Critical Supply Chain Delivery
 - [TCRP D-21](#) - Planning for the Future of Intermodal Passenger Facilities: Guide and Decision-Making Framework

Reports from the [National Academies Press](#) on Terminals & Facilities

- [Service Life Assessment and Predictive Modeling for an Aging Critical Infrastructure](#)
- [The Future of Electric Power in the United States](#)
- [Accelerating Decarbonization of the U.S. Energy System](#)
- [Bringing Fusion to the U.S. Grid](#)
- [Decarcerating Correctional Facilities during COVID-19](#)
- [Facilities Staffing Requirements for the Veterans Health Administration—Resource Planning and Methodology for the Future](#)
- [Strategic Investments in Instrumentation and Facilities for Extraterrestrial Sample Curation and Analysis](#)

Committees & Panels

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

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

- [AP045](#) – Passenger Intermodal Facilities
- [AV050](#) – Airport Terminals and Ground Access

[Policy Study Committees](#)

CRP Panels

[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.)

[TRB Virtual Careers in Motion Networking Fair](#)

December 8, 2021

Online

[18th Biennial National Harbor Safety Committee Conference](#)

June 13, 2022

Boston, MA

[Upcoming Events](#) – In the Upcoming Events tab under Types, choose what event you are interested in, search titles by keyword

[Past Events](#) - In the Past Events tab under Types, choose what event you are interested in, search titles by keyword

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:

- **Transportation Research International Documentation (TRID)** – trid.trb.org - The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation
- **Transportation Research Thesaurus (TRT)** – trt.trb.org – A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – rip.trb.org - Current or recently completed transportation research projects
- **Research Needs Statements (RNS)** – rns.trb.org - Research needs as identified by TRB Technical Activities standing committees
- **Publications Index (PubsIndex) Database** – pubsindex.trb.org - The papers, articles and reports published by the Transportation Research Board, Strategic Highway Research Programs or the Marine Board

Contact or Questions: TRBLibrary@nas.edu