TRB Snap Search: Capital Investments

TRB’s involvement in research on Capital Investments 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 Capital Investments within the past two years.

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)
  - Report 227 - Evaluating and Implementing Airport Privatization and Public-Private Partnerships

- National Cooperative Highway Research Program (NCHRP)
  - Legal Research Digest 84 - Fix It, Sign It or Close It: State of Good Repair in an Era of Budget Constraints
  - Legal Research Digest 79 - The Effectiveness of State False Claims Acts in Protecting State Transportation Funding
  - Report 953 - Improving Mid-Term, Intermediate, and Long-Range Cost Forecasting: Guidebook for State Transportation Agencies
  - Report 950 - Proposed AASHTO Guides for Bridge Preservation Actions
  - Report 938 - Incorporating the Costs and Benefits of Adaptation Measures in Preparation for Extreme Weather Events and Climate Change—Guidebook
  - Report 917 - Right-Sizing Transportation Investments: A Guidebook for Planning and Programming
  - Synthesis 563 - Performance Metrics for Public-Private Partnerships
  - Web-Only Document 296 - Guidelines for Cost-Effective Safety Treatments of Roadside Ditches
  - Web-Only Document 271 - Guidelines to Incorporate the Costs and Benefits of Adaptation Measures in Preparation for Extreme Weather Events and Climate Change
  - Web-Only Document 263 - White Papers for Right-Sizing Transportation Investments
  - Web-Only Document 244 - Developing Guidelines for Integrating Safety and Cost-Effectiveness into Resurfacing, Restoration, and Rehabilitation (3R) Projects

- Transit Cooperative Research Program (TCRP)
  - Legal Research Digest 57 - Fix It, Sign It or Close It: State of Good Repair in an Era of Budget Constraints
  - Report 222 - Analysis of Green Bond Financing in the Public Transportation Industry

- Transportation Research E-Circulars
  - E-Circular 266 - Transportation Asset Management in a COVID-19 World
  - E-Circular 263 - Conference on Performance and Data in Transportation Decision Making

Updated on 12/09/2021
Current & Upcoming Projects

- Current Projects
  - ACRP 01-39 - Creative Marketing Techniques to Improve Revenue Generation Partnerships
  - ACRP 02-89 - A Primer and Framework for Considering an Airport Noise and Operations Monitoring System (NOMS)
  - ACRP 03-60 - Incorporating Shock Events into Aviation Demand Forecasting and Airport Planning
  - ACRP 03-63 - Modernizing Air Cargo Operations and Infrastructure at U.S. Airports
  - ACRP 11-08(21-01) - ACRP Insight Event--Future of Airport Finances
  - NCHRP Synthesis 11-03/Topic S03-16 - Project Prioritization and Selection Processes for State Aviation Funding
  - NCHRP 02-27 - Making Targets Matter: Managing Performance to Enhance Decision-Making
  - NCHRP 08-132 - Accessing America's Great Outdoors: Forecasting Recreational Travel Demand
  - NCHRP 15-80 - Design Guide and Standards for Infrastructure Resilience
  - NCHRP 19-16 - Federal Funding Uncertainty in State, Local, and Regional Departments of Transportation: Impacts, Responses, and Adaptation
  - NCHRP 19-17 - Federal Funding Flexibility: Use of Federal Aid Highway Fund Transfers by State DOTs
  - NCHRP 20-24(137) - Assessing and Communicating the Economic and Quality of Life Benefits of Transportation Infrastructure Investments: Message Testing
  - NCHRP 20-44(22) - Right Sizing Transportation Investments
  - NCHRP 20-102(26) - Dynamic Curbside Management: Keeping Pace with New and Emerging Mobility and Technology in the Public Right of Way
  - NCHRP 20-102(28) - Preparing Transportation Agencies for Connected and Automated Vehicles in Work Zones
  - NCHRP 20-125 - Strategies for Incorporating Resilience into Transportation Networks
  - NCHRP 20-126(03) - Advancing Practices of In Situ Nondestructive Evaluation of Highway System Asset Foundational Condition and Capability
  - NCHRP 20-127 - Business Case and Communications Strategies for State DOT Resilience Efforts
  - NCHRP 23-04 - Statewide Insurance Pooling for Public Transit
  - NCHRP 23-08 - A Guide for Incorporating Maintenance Costs into a Transportation Asset Management Plan
  - NCHRP 25-59 - Pollinator Habitat Conservation Along Roadways
  - NCHRP Synthesis 20-05/Topic 53-01 - Practices to Promote Equity in Transportation Funding
  - NCHRP Synthesis 20-05/Topic 53-08 - Strategies and Programs For Electric Vehicle Charging
  - TCRP H-59 - Racial Equity, Black America, and Public Transportation
  - TCRP J-11/Task 39 - Evaluation Framework for Fare-free Public Transportation
  - TCRP Synthesis J-07/Topic SB-34 - Coordination of Public Transit Services and Investments with Affordable Housing Policies

- Upcoming Projects
  - ACRP 01-52 - Championing the Airport System--Challenges the Paradigm
  - NCHRP 08-136 - Guidance on Using Performance-Based Management Approaches for Maintenance
  - NCHRP 08-146 - Integrating Resiliency into Transportation System Operations
  - NCHRP 08-160 - Understand the Role of Transportation Infrastructure Investment in Gentrification and Displacement and Identify Effective Policies and Strategies to Address These Effects
  - NCHRP 19-19 - Sustaining a Zero Fare Public Transportation Program in a Post COVID-19 World
  - NCHRP 19-20 - Interdependence of Federal, State, and Local Transportation Funding and Ownership
  - NCHRP 19-21 - Revenue Generation Models for Electric Vehicles: In-Road and Roadside Charging
  - NCHRP 20-102(25) - Readiness and Effectiveness of Freeway-Based Corridor V2X Applications for Improving Congestion and Safety
  - NCHRP 20-102(33) - Safety of Vulnerable Road Users in a C/AV Future
  - NCHRP 23-20 - Guidebook for Implementation of UAS Operational Capabilities

Reports from the National Academies Press on Capital Investments
  - Strengthening U.S. Air Force Human Capital Management
  - Reorienting Health Care and Business Sector Investment Priorities Toward Health and Well-Being
  - Safeguarding the Bioeconomy

Committees & Panels
Sign-up to be a committee "Friend"

**TRB Standing Committees** – Search by transportation mode and committee topic
- AIE50 – Economics and Finance
- AJE70 – Data for Decision Making
- AJL10 – General Law
- AKR20 - Roadside Maintenance Operations
- AMR40 - Systems, Enterprise, and Cyber Resilience
- AR040 - Freight Rail Transportation
- AV040 - Aviation Economics and Forecasting

**Task Forces** - Search for task force under committee here

**Panels**
- D08132 - Accessing America's Great Outdoors: Understanding Recreational Travel Patterns, Demand, and Future Investment Needs for Transportation Systems
- D1914 - Methods for Identifying and Evaluating Transportation Investment Right-Sizing Scenarios
- SN4807 - Investment Prioritization Methods for Low Volume Roads
- SN4901 - Synthesis of Prioritization of Freight Investment Projects
- SN5208 - Practices for Balancing Safety Investments in a Comprehensive Safety Program
- SN5215 - Measuring Investments and Benefits of Active Transportation Investments When Accomplished as Part of Other Roadway Projects
- STSB34 - Coordination of Public Transit Services and Investments with Affordable Housing Policies

**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.)

- **Symposium on Managed Lanes**
  *May 1, 2022*  
  *Atlanta, GA*

- **International Conference of International Society for Intelligent Construction**
  *September 6, 2022*  
  *Guimaraes, Portugal*

- **TRANSED: Mobility, Accessibility, and Demand Response Transportation Conference**
  *September 12, 2022*  
  *Online*

**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 BOARD

- **Transportation Research International Documentation (TRID)** – [trid.trb.org](http://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](http://trt.trb.org) - A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – [rip.trb.org](http://rip.trb.org) - Current or recently completed transportation research projects
- **Research Needs Statements (RNS)** – [rns.trb.org](http://rns.trb.org) - Research needs as identified by TRB Technical Activities standing committees
- **Publications Index (PubsIndex) Database** – [pubsindex.trb.org](http://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