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**Specialty Reports**

- [Critical Issues in Transportation 2019](http://www.trb.org/InformationServices/Snap.aspx)
- [COVID-19 Addendum to Critical Issues in Transportation](http://www.trb.org/InformationServices/Snap.aspx)
- [Racial Equity Addendum to Critical Issues in Transportation](http://www.trb.org/InformationServices/Snap.aspx)
- [Letter Report - Research and Technology Coordinating Committee: September 29, 2022](http://www.trb.org/InformationServices/Snap.aspx)

**Specialty Websites**

- [Transformational Technologies](http://www.trb.org/InformationServices/Snap.aspx)

Recent Reports & Publications

- [Airport Cooperative Research Program (ACRP)](http://www.trb.org/InformationServices/Snap.aspx)
  - [WebResource 10 - Periodic Publication on Transformative Technologies at Airports](http://www.trb.org/InformationServices/Snap.aspx)


- [National Cooperative Highway Research Program (NCHRP)](http://www.trb.org/InformationServices/Snap.aspx)
  - [NCHRP 20-113F - Topical White Papers for the TRB Forum on Automated Vehicles and Shared Mobility](http://www.trb.org/InformationServices/Snap.aspx)
  - [NCHRP 20-102(15) - Impacts of Connected and Automated Vehicle Technologies on the Highway Infrastructure](http://www.trb.org/InformationServices/Snap.aspx)
  - [Report 1028 - State and Local Impacts of Automated Freight Transportation Systems](http://www.trb.org/InformationServices/Snap.aspx)
  - [Report 997 - Algorithms to Convert Basic Safety Messages into Traffic Measures](http://www.trb.org/InformationServices/Snap.aspx)
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TRANSPORTATION RESEARCH BOARD

- Web-Only Document 331 - Mobility on Demand and Automated Driving Systems: A Framework for Public-Sector Assessment
- Web-Only Document 310 - Evaluation and Synthesis of Connected Vehicle Communication Technologies

- Transit Cooperative Research Program (TCRP)
  - IDEA Report 98 - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users
  - IDEA Report 95 - Connected and Automated Parking Feasibility – A Pilot Study
  - Report 232 - Impacts of Vehicle Automation on the Public Transportation Workforce
  - Report 220 - Low-Speed Automated Vehicles (LSAVs) in Public Transportation

Current & Upcoming Projects

- Current Projects
  - ACRP 10-32 - U.S. Airport Industry Adoption of Automated Ground Vehicle Systems
  - NCHRP 08-145 - Utilizing Cooperative Automated Transportation (CAT) Data to Enhance Freeway Operational Strategies
  - NCHRP 14-42 - Determining the Impact of Connected and Automated Vehicle Technology on State DOT Maintenance Programs
  - NCHRP 17-101 - Applying the Safe System Approach to Transportation Planning, Design, and Operations in the United States
  - NCHRP 20-24(128) - State-of-the-Art Review of Cooperative Automated Transportation (CAT) Systems
  - NCHRP 20-102 - Impacts of Connected Vehicles and Automated Vehicles on State and Local Transportation Agencies—Task-Order Support
  - NCHRP 20-102(11) - Mobility-on-Demand and Automated Driving Systems: A Framework for Public-Sector Assessment
  - NCHRP 20-102(16) - Impacts of Connected, Automated Vehicle Technologies on Traffic Incident Management Response
  - NCHRP 20-102(19B) - Updated Research Roadmap for NCHRP 20-102, Impacts of Connected Vehicles and Automated Vehicles on State and Local Transportation Agencies
  - NCHRP 20-102(27) - Realistic Timing Estimates for Automated Vehicle Implementation
  - NCHRP 20-102(28) - Preparing Transportation Agencies for Connected and Automated Vehicles in Work Zones
  - NCHRP 20-102(29) - Incorporating New Mobility Options into Travel Demand Modeling
  - NCHRP 20-102(34) - Toolbox for Navigating the Land Use Impacts of the Automated Vehicle Ecosystem
  - NCHRP 20-123(12) - System Mobility and Emerging Technologies (SMET): Strategic Planning Session and Research Roadmap Development
  - NCHRP 23-15 - Guidance on Risks Related to Emerging and Disruptive Transportation Technologies
  - NCHRP Synthesis 20-05/Topic 53-10 - Contrast Pavement Markings Practices

- Upcoming Projects
  - ACRP 10-33 - Incorporating Emerging Ground Access Technologies at Airports
  - ACRP 11-02/Task 43 - Successful Community Inclusion in Advanced Air Mobility
  - NCHRP 20-06/Topic 26-03 - Multistate Coordination and Harmonization for AV Legislation
  - NCHRP 20-24(119) - Strategic Research in Support of the Connected and Automated Vehicle Executive Leadership Team
  - NCHRP 20-24(147) - Identify Best Practices for Automated Driving Systems and Other Emerging Technologies
  - NCHRP 20-102(20) - Preparing the Transportation Workforce for the Deployment of Emerging Technology
  - NCHRP 20-102(24) - Infrastructure Modifications to Improve the Operational Conditions of Automated Vehicles
  - NCHRP 20-102(33) - A Guide to Enhancing the Safety of Vulnerable Road Users in a CAV Future
  - NCHRP 23-28 - Planning for 4.9 Ghz Spectrum Changes — What Transportation Agencies Need to Know

Reports from the National Academies Press on Connected & Automated Vehicles

- Navigating an Electric Vehicle Future
Committees & Panels

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TRB Standing Committees – Search by transportation mode and committee topic
- AED50 - Artificial Intelligence and Advanced Computing Applications
- ACH60 - Vehicle User Education, Training, and Licensing
- ACP15 - Intelligent Transportation Systems
- ACP25 – Traffic Signal Systems
- ACP30 - Vehicle-Highway Automation
- AIL40 - Emerging Technology Law
- ACH40 - Human Factors of Infrastructure Design and Operations

Task Forces - Search for task force under committee here

Panels
- D08120 - Initiating the Systems Engineering Process for Rural Connected Vehicle Corridors
- D08145 - Utilizing Cooperative Automated Transportation (CAT) Data to Enhance the Use of Freeway Operational Strategies
- D1442 - Determining State DOT Maintenance Program Implications of Connected and Automated Vehicles
- D1795 - Crash Modification Factors for Intelligent Transportation Systems Applications
- D20102 - Impacts of Connected and Automated Vehicles on State and Local Transportation Agencies
- D2010215 - Understanding the Impacts of the Physical Highway Infrastructure Caused by the Increased Prevalence of Advanced Vehicle Technologies
- D2010216 - Preparing TIM Responders for Connected Vehicles and Automated Vehicles
- D2010224 - Infrastructure Enablers for Connected and Automated Vehicles and Shared Mobility—Near-Term and Mid-Term
- D2020224 - Infrastructure Enablers for Connected and Automated Vehicles and Shared Mobility—Near-Term and Mid-Term
- D2020227 - Realistic Timing Estimates for Automated Vehicle Implementation
- D2310 - Evaluation and Synthesis of Connected Vehicle Communications Technologies
- D2315 - Prioritization of Risks Related to Connected and Automated Vehicles and Emerging Technologies
- E0005A - Preparing for Automated Vehicles and Shared Mobility
- STSA56 - Use of Automatic Vehicle Monitoring (AVM) and Vehicle Health Monitoring/Diagnostic Systems by Transit Agencies

Councils
- A001C – Young Members Coordinating Council

Recent and Upcoming Events

Upcoming Conferences - Use left hand menu to filter events

National Conference on Transportation Asset Management
July 8-11, 2023
Boston, MA

TRB’s 2023 Automated Road Transportation Symposium
July 9-13, 2023
San Francisco, CA

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- Literature searches
- Articles for TRB Committee work

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- **Research in Progress (RiP) Database** – [riptrb.org](http://riptrb.org) - Current or recently completed transportation research projects.
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