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**Specialty Webpages**

- Energy
- Pipelines

**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 228 - Airport Microgrid Implementation Toolkit
  - Report 197 - Guidebook for Developing a Comprehensive Renewable Resources Strategy
  - Report 192 - Airport Management Guide for Providing Aircraft Fueling Services
  - Synthesis 110 - Airport Renewable Energy Projects Inventory and Case Examples
  - Web-Only Document 45 - Airport Environmental Research Roadmap Narrative Report

- **National Cooperative Highway Research Program (NCHRP)**
  - Synthesis 581 - Rehabilitation of Culverts and Buried Storm Drain Pipes

- Special Reports / Consensus Studies
  - Report 336 - Options for Reducing Lead Emissions from Piston-Engine Aircraft

- **Transit Cooperative Research Program (TCRP)**
  - IDEA Report 96 - Multi-stage Planning for Electrifying Transit Bus Systems with Multi-format Charging Facilities
  - Report 219 - Guidebook for Deploying Zero Emissions Transit Buses
  - Report 212 - Stray Current Control of Direct Current-Powered Rail Transit Systems: A Guidebook
  - Report 211 - Guidebook for Detecting and Mitigating Low-Level DC Leakage and Fault Currents in Transit Systems
Current & Upcoming Projects

- **Current Projects**
  - ACRP 03-51 - Electric Aircraft of the Horizon -- An Airport Planning Perspective
  - NCHRP 18-20 - AASHTO LRFD Design, Installation, and Standard Practice of Testing for Cured In-Place Pipe Liners
  - NCHRP 19-18 - Transitioning Fuel Tax Assessments to a Road Usage Charge
  - NCHRP Synthesis 20-05/Topic 53-08 - Strategies and Programs For Electric Vehicle Charging
  - NCHRP IDEA 20-30/IDEA 234 - Field Test & Evaluation of A Solar Snow Fence
  - TCRP D-19 - Detecting and Mitigating Low-Level DC Fault Currents in Transit Systems (Phase II TCRP Project D-17)

- **Upcoming Projects**
  - ACRP 02-98 - Airport Energy Resiliency Primer and Roadmap
  - ACRP 10-34 - Migrating ACRP Research Report 228 Toolkit to an ACRP WebResource
  - NCHRP 19-21 - Revenue Generation Models for Electric Vehicles: In-Road and Roadside Charging
  - NCHRP 19-22 - Future Equity Impacts of Existing Fuel Taxes
  - TCRP D-20 - Insulated Joint Failure Investigation Mitigation
  - TCRP H-61 - Resilience and Emergency Response Planning for Zero-Emission Fleets

Reports from the [National Academies Press](https://nap.edu) on Energy & Pipelines

- Wind Turbine Generator Impacts to Marine Vessel Radar
- The Future of Electric Power in the United States
- Bringing Fusion to the U.S. Grid
- Enhancing Federal Clean Energy Innovation
- Accelerating Decarbonization of the U.S. Energy System
- The Use of Dispersants in Marine Oil Spill Response
- Frontiers in Thermal Transport and Energy Conversion
- Review of the SBIR and STTR Programs at the Department of Energy
- Review of the Bureau of Ocean Energy Management "Air Quality Modeling in the Gulf of Mexico Region" Study

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- AMS30 - Transportation Energy
- AMS40 - Alternative Fuels and Technologies
- AT040 - Transportation of Hazardous Materials
- AV030 - Environmental Issues in Aviation
- AW030 - Marine Environment

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Councils

- A001C – Young Members Coordinating Council

Recent and Upcoming Events

**Upcoming TRB Conferences** – Use left hand menu to filter events

- Conference on Sustainability and Emerging Transportation Technology
  - May 31 - June 2, 2022
  - Irvine, CA

- TRB Annual Workshop on Transportation Law
  - July 24-27, 2022
  - Portland, OR
Conference on Scenario Planning in Transportation Planning
September 19-21, 2022
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- Reference and research assistance
- Literature searches
- Articles for TRB Committee work

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- 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

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