Welcome!
About TRB

- Part of the National Academies of Sciences, Engineering, and Medicine
- Private, non-profit institution
- Independent, non-partisan, objective

Research – Convene – Advise
Connected/automated vehicles, shared use services, NextGen, unmanned aerial systems, smart cities, internet-of-things, big data, cybersecurity, alternative-fueled vehicles, 3D printing
Managing Research

• TRB administers over $58M annually in three cooperative research programs
  • Highways & Streets (NCHRP)
  • Transit (TCRP)
  • Airports (ACRP)
• Focused on practical research addressing issues faced by infrastructure owner/operators
Since 2014, the National Cooperative Highway Research Program has invested $5M in CV and AV research and results are becoming available:

• Challenges to CV and AV Application in Truck Freight Operations (NCHRP Web-Only Document 231)
• Impacts of Regulations and Policies on CV and AV Technology Introduction in Transit Operations (Fall 2017)
• Road Markings for Machine Vision (Fall 2017)
Other topics underway include:
  • Dedicating Lanes for Priority or Exclusive Use by CVs and AVs
  • Implications of Automation for Motor Vehicle Codes
  • Providing Support to the Introduction of CV/AV Impacts into Regional Transportation Planning and Modeling Tools
  • Business Models to Facilitate Deployment of CV Infrastructure to Support AV Operations
  • Cybersecurity of Traffic Management Systems

Find out more at Poster 16 this evening
Convening & Connecting Opportunities

- TRB Annual Meeting
  - More than 50 sessions on AVs & CVs in 2017
  - Even more in 2018! (January 7-11)
- TRB Webinars
- TRB Conferences & Meetings
  - Automated Vehicle Symposia (w/AUVSI)
- TRB Standing Committees
  - Vehicle/Highway Automation, ITS, Emerging Technology Law, and more!
National Academies/TRB Forum: Preparing for AVs & Shared Mobility

Take your seat at a...

TRB ROUNDTABLE!

An exciting new convening platform!
Bring together partners to discuss, identify, and facilitate fact-based research needed to deploy automated vehicles and shared mobility services in a manner and timeframe that informs policy to best meet long-term goals, and to share perspectives on these issues.

- The long-term goals include increasing safety, reducing congestion, enhancing accessibility, increasing sustainability, and encouraging economic development and equity.
Join more than 20 organizations as Forum Sponsors, including:

- U.S. Department of Transportation
- State & Local DOTs
  - CalTrans and California DMV
  - Ohio DOT
  - Washington State Transportation Commission
  - New York City DOT
  - Other State & Local DOTs (NCHRP)
- University of Michigan & American Center for Mobility
- Texas A&M Transportation Institute
- University of California ITS
- AAA Foundation for Traffic Safety
- Cubic Transportation Systems
- Econolite
- WSP USA

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Thank You

- For more information on TRB, visit: [www.TRB.org](http://www.TRB.org)
- For more information on TRB Transformational Technologies activities, visit: [www.TRB.org/TransTech.aspx](http://www.TRB.org/TransTech.aspx)
- To get involved, go to [www.MyTRB.org](http://www.MyTRB.org)