



The Iowa Advisory Council on Automated Transportation is intended to increase roadway safety, personal mobility, and freight movement within the state of Iowa by advancing highly automated vehicle technologies. The Council provides guidance, recommendations, and strategic oversight of automated transportation activities in the state. The structure of the ATC Press Clippings is done to align with the subcommittees and working groups that exist for the Council while aiming to keep the Council and other interested parties informed. Learn more at iowadrivingav.org/

Articles and upcoming events September 30, 2024

Infrastructure Readiness

[Peachtree Corners Announces Launch of Autonomous Vehicle Deployment in Partnership with May Mobility and T-Mobile – May Mobility](#)

Peachtree Corners, Georgia, has partnered with May Mobility and T-Mobile to launch an AV service. This marks May Mobility's first deployment in Georgia. The service will operate in the [Curiosity Lab](#) area, offering on-demand rides to eight pre-determined stops, including hotels, restaurants, and office spaces.

[Wyoming Has Been Quietly Testing Technology That Connects Vehicles To Roads – Cowboy State Daily](#)

Wyoming has been pioneering the use of V2X (vehicle-to-everything) technology for nearly a decade. The Wyoming DOT has been a national leader in this field, using V2X to provide real-time information to drivers about traffic conditions, weather, and potential hazards. Wyoming, Utah, and Colorado were recently awarded a \$20 million grant to expand this technology.

Connected vehicle tech could help nationwide e-tolling, officials say – Smart Cites Dive

The article highlights V2X technology's potential to enhance electronic tolling and improve road safety. The Federal Highway Administration views V2X as a means to streamline toll collection and provide real-time crash warnings. Pilot projects have shown V2X can reduce crash rates, with plans to expand for nationwide tolling interoperability.

Revolutionising traffic management: cost-effective solutions with connected vehicle technology – Cities Today

The article highlights the Irish National Intelligent Mobility System (NIMS) project as a successful example of how connected vehicle technology has significantly enhanced traffic management capabilities while reducing costs by minimizing the reliance on physical infrastructure.

Autonomous Shuttles Inch Their Way into Transit Service – Government Technology

The article discusses the gradual integration of autonomous shuttles into transit services in various locations, including Michigan, California, and Florida. These projects involve small, electric, autonomous vehicles that operate alongside or within existing transit systems. Key to their success are public-private partnerships, which help facilitate the deployment and operation of these shuttles.

Policy & Legislation

Biden administration seeks to ban Chinese, Russian tech in US autonomous vehicles – AP News

The Biden administration is seeking to ban the sale of autonomous vehicles in the U.S. that are equipped with Chinese and Russian software and hardware. This move, led by the Commerce Department, aims to protect national security and U.S. drivers.

Texas Lawmakers Working on Rules for Autonomous Vehicles – Government Technology

Texas lawmakers are crafting new regulations for autonomous vehicles to balance innovation and safety. Companies like Waymo, Cruise, and Aurora will need to notify the Texas DMV when removing human drivers from their vehicles which will help the DMV manage permits, registrations, and oversee any issues that arise.

These rules will apply to fleets of driverless cars and trucks, but not to privately owned autonomous vehicles.

California governor again spikes driverless truck ban – Commercial Carrier Journal

California Governor Gavin Newsom has vetoed Assembly Bill 2286, which aimed to ban driverless trucks in the state. This marks the second consecutive year that such a bill has been vetoed.

Podcast Interview with Brian Cronin, Director, Intelligent Transportation Systems Joint Program Office – National V2X Deployment Plan – Transportation Radio

Brian Cronin, Director of the Intelligent Transportation Systems Joint Program Office of the U.S. DOT, joins the ITE Talks Transportation podcast to discuss the recently released National V2X Deployment Plan. Brian talks about what agencies need to do to implement the plan, the short- and long-term goals of the plan, and available resources for implementation. He also touches on the Accelerator Grants and pilot projects that have resulted in real deployments of V2X at-scale, and talks about what the future may look like with full deployment.

Economic Development

Driverless semitrucks are likely headed to metro Phoenix – KJZZ Phoenix

Pittsburgh-based Aurora Innovation plans to extend its autonomous truck route from Fort Worth to El Paso into Phoenix next year. KJZZ discusses the upcoming expansion of autonomous trucks into the Phoenix metro area with Andrew Hawkins, transportation editor at The Verge.

What does proposed China component ban mean for autonomous trucks? – Freight Waves

The article discusses the implications of a proposed U.S. ban on Chinese components for autonomous trucks. This ban would affect components like onboard sensors, connectivity control units, and chip sets. Autonomous truck developers, including Aurora Innovation and Kodiak Robotics, are currently assessing the impact of this potential ban.

OPINION: Enterprise fleets need to start planning for automated vehicles – ADAS & Autonomous Vehicle International

The article emphasizes the importance of enterprise fleets beginning to plan for the integration of AVs. It highlights the potential financial and sustainability benefits that AVs can offer, such as reduced operational costs and lower emissions. The Automated Vehicles Act 2024 is mentioned as a key enabler, allowing on-highway trials to transition into regular service routes.

Loxo and Planzer begin commercial autonomous delivery in Europe – ADAS & Autonomous Vehicle International

Loxo and Planzer have launched a commercial autonomous delivery service in Europe, starting in Bern, Switzerland. This initiative marks the first deployment of a Level 4 autonomous commercial vehicle in Europe. The project aims to demonstrate the potential of AVs for sustainable transportation.

AVIA Welcomes Torc Robotics – Autonomous Vehicle Industry Association

AVIA welcomed Torc Robotics as its newest member. Torc Robotics, an independent subsidiary of Daimler Truck, specializes in autonomous trucking solutions. Torc's expertise in autonomous technology will contribute significantly to AVIA's mission of promoting safer and more efficient transportation.

Waymo in talks with Hyundai Motor to produce self-driving taxis, media report says – Reuters

Waymo is reportedly in discussions with Hyundai Motor to produce self-driving taxis. This collaboration aims to leverage Hyundai's manufacturing capabilities and Waymo's autonomous driving technology to expand the availability of self-driving taxis.

Public Safety & Enforcement

Mercedes Goes with HAAS Alert's Safety Cloud® – HAAS Alert

Mercedes-Benz has integrated HAAS Alert's Safety Cloud® into its Emergency Vehicle Alert Beta testing initiative. This collaboration aims to enhance driver awareness of nearby emergency vehicles. When an emergency vehicle activates its warning lights, a signal is sent to the Mercedes Car-to-X cloud platform, alerting drivers in the vicinity. Mercedes-Benz Beta Program

A stalled Waymo brought Kamala Harris' motorcade to a halt in SF – The San Francisco Standard

A Waymo AV stalled and brought Vice President Kamala Harris' motorcade to a halt in San Francisco. The incident occurred as the motorcade was making a U-turn on California Street. A police officer had to manually drive the Waymo vehicle out of the way.

Drivers quickly learn to skirt limits set by partial automation systems – Insurance Institute of Highway Safety (IIHS)

IIHS discusses how drivers quickly adapt to and exploit the limitations of partial automation systems in vehicles. The research highlights that drivers are more likely to engage in multitasking behaviors, such as eating or using their phones, when these systems are active. Some drivers even learn to manipulate the systems' attention requirements to avoid warnings and interventions.

Tesla Full Self Driving requires human intervention every 13 miles – Ars Technica

A recent evaluation by AMCI Testing revealed that Tesla's "Full Self-Driving" system requires human intervention approximately every 13 miles. Over the course of more than 1,000 miles of testing, drivers had to intervene over 75 times to ensure safe operation. This highlights ongoing challenges with the system's reliability and the need for constant vigilance by human drivers.

Waymo Gets Tagged With Rider (and Little Dog) Still Inside in Mission District – SFist

An incident in San Francisco's Mission District where a Waymo autonomous vehicle was vandalized while a passenger and a small dog were inside. The event was captured on video shows a group of taggers spray-painting the vehicle, highlighting ongoing tensions and public resistance to self-driving cars in the city.

Kodiak Robotics, Textron Systems Unveil Self-Driving Military Vehicle – IOT World Today

Kodiak Robotics and Textron Systems have unveiled a self-driving military vehicle. This collaboration integrates Kodiak's AI-powered autonomous driving technology, known as the Kodiak Driver, into Textron's RIPSAN M3 vehicle. The result is a rugged robotic ground vehicle designed for military applications.

Research, Development, Testing & Evaluation

Mercedes dials up the speed of its hands-free, eyes-off Drive Pilot feature – The Verge

Mercedes-Benz has announced that its Drive Pilot system, a Level 3 autonomous driving technology, will soon be available in Germany. This system allows the car to handle all driving tasks at speeds up to 80 mph on suitable highways. Drivers can engage in other activities, such as watching videos or working, while the system is active, but must be ready to take control if needed.

Understanding Safety Challenges of Vehicles Equipped with Automated Driving Systems (ADS) – Analysis of ADS Disengagements – White paper written by Mubassira Khan, Daniel LeMaster and Wassim G. Najm. US DOT

This paper from the U.S. DOT's Highly Automated Systems Safety Center of Excellence (HASS COE) analyzes the safety challenges of integrating automated driving systems (ADS) into the transportation network. It reviews crash typologies for human-driven vehicles, examines potential ADS failures, and analyzes CA DMV ADS disengagement reports. It concludes with findings and recommendations for more detailed data collection.

New Report: Connecting Community Transportation: The Transactional Data Specification – Shared-Use Mobility Center (SUMC)

The SUMC, in collaboration with the AARP Public Policy Institute, has published a report on how new data standards can improve human services transportation. The report highlights the use of Transactional Data Specification to enhance transportation for people with disabilities, older adults and rural residents. Connecting Community Transportation: A Roadmap for Implementation

San Franciscans have surprisingly positive view on driverless taxis: KRON4 poll – KRON4

A recent KRON4 News/Emerson College Polling survey reveals that a majority of San Francisco voters have a positive view of driverless taxis. Specifically, 53.2% of respondents support the operation of AV taxis like Waymo within the city, while 29% oppose them, and 18% remain undecided.

Self-driving pods pilot program to arrive at Atlanta's airport – Fox 5 Atlanta

Atlanta's airport is launching a \$20 million pilot program with Glydways' self-driving pods to improve employee commutes. These pods will initially service the Georgia International Convention Center and may expand airport-wide if successful. They operate in dedicated lanes, providing rapid, on-demand service.

Upcoming Events

Connectivity Solutions for Vulnerable Road Users: Let's have safer roads

ITS America

October 8

1:00 p.m.

Presenters:

Adam Snider – GHSA

Jacob Harel – Harman

Shailesh Patil – Qualcomm Technologies

Mina Sartipi – University of Tennessee-Chattanooga

Policy & Legislation Subcommittee Meeting

Wednesday, October 2 from 11:00 a.m. – 12:00 p.m.

Iowa Advisory Council on Automated Transportation Meeting

Tuesday, October 29 from 10 am - 12 pm, University of Iowa Driving Safety Research Institute

Recent Events

Public Safety & Enforcement Subcommittee Meeting

Wednesday, September 25

Economic Development & Infrastructure Readiness Joint Subcommittee Meeting

Friday, September 27