



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

February 19, 2024

Infrastructure Readiness

[Statewide RSU Health Monitoring System Deployed in Florida - Intelliroad](#)

V2X interfacing system to monitor health and security of all roadside units deployed. It allows active viewing and generates automated alerts when the system or device status changes outside the configured parameters.

[Variable Speed Limits Cut Crashes on I-90 in Ohio - AASHTO Journal](#)

A recent report shows that variable speed limit (VSL) signs reduced crashes by 35% along a stretch of I-90 in Ohio over a seven-year period. The VSL system works in coordination with Ohio's Intelligent Transportation System that includes traffic cameras, dynamic message boards, and weather information stations. The Traffic Management Center uses the data to work with local law enforcement and Ohio

DOT managers to make determinations about when to reduce speed limits. If weather related, speed limits are reduced in 10 mph increments to warn motorists of hazardous traveling conditions.

NoTraffic V2X tech gets US patent approval - ITS International

NoTraffic's patent integrates connected and non-connected road users, combining data from multiple sources and analyzing camera, radar, V2X and cellular inputs with AI algorithms. This multifaceted approach, enhanced by advanced sensor technologies, enables the system to provide connected vehicles with critical information about the presence of all road users in their vicinity.

New study to recommend policies for connected and self-driving vehicles - Fleet News

UK government looking to achieve its 2025 connected and automated mobility vision is setting up a study expected in summer of 2024 to acknowledge technical challenges facing connected and automated mobility.

Policy & Legislation

Reining in the Risks of Robotaxis - Governing

California SB 915 arose after several high-profile AV-related incidents over the last year. The bill would allow city and county governments the opportunity to impose stricter limits and regulations on robotaxi services than those handed down by the state. With the involvement of multiple stakeholders, this approach could be problematic. One possible solution is addressed, "decision-making under deep uncertainty". This has been used successfully in other industries like water and energy.

Driverless vehicles could hit Ky. highways this summer under bill moving in the state House - WKMS

Kentucky HB 7 has passed through the House of Representatives. The bill would allow vehicles that meet federal standards to drive fully autonomously (without a driver) across the state. Semi-trucks weighing over 62,000 pounds would require a human driver until July 2026. Additional amendments and concerns were raised during the house session.

INTERVIEW: Scott Belcher on the future of autonomous vehicles - *Traffic Technology Today*

Scott Belcher is pointing out differences in AVs, forming a group the ACES (Automated Connected Electric Shared) Mobility Coalition. Different use cases and safety profiles need to be considered. Also mentions "Buy America" limitations on the public sector. Holon and ZF are two manufacturers gearing up in the US to solve this issue.

Autonomous Vehicle Industry Commends South Dakota for Signing AV Legislation into Law - *Autonomous Vehicle Industry Association*

South Dakota passed legislation HB 1095 which includes regulatory framework for safe deployment of AVs. Federal data estimates that U.S. freight volume will increase by 50% by 2050. At the same time, the current shortage of nearly 80,000 truck drivers is set to double by 2031.

Economic Development

World's first' fully autonomous truck yard now in operation in Texas - *CDL Life*

ISEE reported having a customer that has fully operational AV truck yard that includes a 1.7 million square foot distribution center and 750 trailer staging bays. YouTube video included.

GM adds hands-free driving on rural roads - *Axiom*

GM nearly doubles the Super Cruise operating area by adding minor highways which will connect smaller cities and rural communities. Super Cruise uses high-precision lidar technology to map roadways. Even if the lines on a rural roadway are faded, Super Cruise-equipped vehicles understand the road and stay in their lane.

Mobileye CEO Shashua expects more autonomous vehicles on the road in 2 years as tech moves ahead - *ABC News*

Shashua addresses the current state of and next steps towards autonomous vehicles.

Autonomous delivery bot company raises \$90M, reaches \$230M in total funding - *Smart Cities Dive*

Starship said it took six years to reach 1 million deliveries partnered with Grubhub and three years to complete the next five million. Its bots, which can navigate difficult terrain, now make three crossings on average around the world.

AVIA Statement on California AB 2286 to Ban AV Trucks - Autonomous Vehicle Industry Association

AVIA released a statement agreeing with California Governor Newsom that a ban on autonomous trucks in California is 'unnecessary'.

Michigan-based AV startup May Mobility reduces workforce by 13% - The Detroit News

May Mobility reduced workforce by 13%, mentions the Cruise LLC accident and Waymo union resistance.

Public Safety & Enforcement

Waymo recalls 444 self-driving vehicles over software error - Reuters

Two different Waymo vehicles strike the same tow truck pulling a vehicle on the same day in December 2023. As a result, Waymo recalls 444 vehicles, citing a software error.

SF couple describes feeling 'trapped' riding in Waymo driverless car that was being attacked - Repairer Driven News

A pedestrian attempts to vandalize Waymo vehicle, passengers are unsure of what to do. The passenger's account and Waymo's statement about the situation are included. Additional comments regarding another incident involving a Waymo vehicle and a bicyclist are also included (Article below).

Waymo driverless car strikes bicyclist in San Francisco, causes minor injuries - The Verge

A Waymo vehicle makes contact with a bicyclist in an intersection. The bicyclist may have been occluded as it was travelling behind a large truck. The investigation is ongoing.

That anti-Tesla Super Bowl ad just got the wrong kind of attention from the NTSB - Tech Crunch

The Dawn Project created multiple Super Bowl commercials asking consumers to boycott Tesla. These ads included the National Transportation Safety Board (NTSB) seal. The NTSB issued a statement saying that they did not endorse the ads and requested the seal be removed from the Dawn Project's website, YouTube channel, and future viewings of the ads.

Missouri Highway Patrol seeing more accidents of cars with "self-driving" features - Audacy

In 2022, automakers reported nearly 400 crashes of vehicles with partially automated driver-assist systems, including 273 involving Teslas, according to statistics released by U.S. safety regulators. Missouri officers indicate that driver's are not accepting fault. To get a better understanding of the issue, the Missouri Highway Patrol plans to start tracking crashes that involve cars with "self-driving" tech.

Research, Development, Testing & Evaluation

Researchers predict more autonomous vehicles by 2030, better ADAS tech needed - Repairer Driven News

"Overall, a Level 2+ strategy takes advantage of the relatively lower costs, lower risk, and broader regulatory accommodation of supervised automation to kick-start the autonomous vehicle revolution." ADAS is more accepted than AV.

93% Have Concerns About Self-Driving Cars - Forbes Advisor

A survey of 2,000 Americans regarding their attitudes toward self-driving cars. The findings highlight topics related to self-driving car safety, trust, concerns, likelihood to purchase, and more.

Autonomous vehicles drove more than 9M miles in California in 2023 - The Robot Report

In California, there are currently 38 companies with valid permits to test AVs with safety drivers. Six of them — Apollo, AutoX, Nuro, Waymo, WeRide, and Zoox — can

test without safety drivers. Waymo covered most that distance. Apple is reporting 67 vehicles on the road.

AAA: Hit the Brakes - Reverse Automatic Emergency Braking Isn't Foolproof - AAA

Although reverse AEB tests show effectiveness with reducing crashes, drivers need to understand that they will not work in every situation. Greg Brannon, AAA's director of automotive engineering stated "Above all, vehicle testing requirements for these systems should be updated to be consistent, taking into consideration unusual objects and more realistic scenarios with the goal of achieving the greatest safety benefit to drivers, pedestrians, and cyclists,"

Upcoming Events

PAVE Europe Virtual Panel "Scaling Autonomous Driving: Hamburg"

Partners for Automated Vehicle Education - Europe

February 22

8:00 a.m.

Presenters:

Jonas Wigger - MOIA

Tobias Brzoskowski - New Mobility Solutions - Hamburg

Developing and Utilizing CAV Technologies to Improve Traffic Control and Safety

Center for Connected and Automated Transportation

February 23

12:00 p.m.

Presenter:

Dr. Ping Yi - The University of Akron

Inside the Multi-Machine Maneuver Transaction: Implications of Trust, Fault, and Machine Reputation

Center for Connected and Automated Transportation

March 14

1:00 p.m.

Presenters:

Dr. Karl Wunderlich - Noblis

