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
April 15, 2024

🧱 Infrastructure Readiness

[Smart Cars Successfully Communicate With Traffic Lights in Public Test](#) *– IOT World Today*

> *Cellular vehicle-to-everything (C-V2X) tech has been deployed on public roads for the first time by the Texas Department of Transportation (TxDOT). The application alerts traffic signals of a vehicle's approach, changing the light to green as the vehicle arrives if it's safe to do so, reducing wait times and removing unnecessary stops for drivers at less busy road times.*

[New autonomous shuttle route planned between Detroit's East Riverfront & Michigan Central](#)e *– WXYZ Detroit*

> *The Connect pilot service is set to open this summer and be provided at no cost to riders. Officials say they have already gotten $1.5 million in funding for first-year operations, split equally between Bedrock, Michigan Central and the state. According to the city, The Connect route is aimed at learning and refining an AV*

transit service. The city said it will lead community outreach initiatives with residents before deployment.

[Construction of 'world's most sophisticated roadway' project on I-94 nearly complete](#) – The Detroit News

Once construction has been completed, MDOT and Cavnue will begin a testing phase with specially equipped vehicles. The testing phase will allow the project organizers to gather and evaluate data, among other things. The testing phase may last up to two years. The pilot is the first-of-its-kind in the United States.

📋 Policy & Legislation

[Kentucky Governor Vetoes Bill Legalizing Self-Driving Cars](#) – *Government Technology*

Criticizing House Bill 7 for moving too quickly toward putting autonomous vehicles on the road without human supervision, Gov. Andy Beshear vetoed it Friday. Beshear said AVs should have a testing period before they can drive in the state.

[Automakers and FCC square off over potential regulations for connected cars](#) – *The Record*

Car manufacturers and the Federal Communications Commission (FCC) are gearing up for a potential fight over whether connected cars should be regulated as small pieces of telecom infrastructure — a decision that would have vast implications for how vehicles handle consumer data.

[What a driverless future might look like](#) – *Politico*

A report from the Chamber of Progress says the US has three options when it comes to autonomous vehicle adoption: full speed ahead, moderate, or cautious. Full Report: [Opportunity AV: How Many and What Types of Jobs Will be Created by Autonomous Vehicles?](#)

[Robotaxi regulators say Tesla hasn't contacted them about plans teased by Musk](#) – *NBC News*

Nevada, Arizona and two California agencies that regulate robotaxis said they haven't heard from Tesla about its plans for the cars, even though Tesla CEO Elon Musk announced last week that he'll reveal a new robotaxi product in August.

💹 Economic Development

[Waymo self-driving cars are delivering Uber Eats orders for first time](#) – *CNBC*

Uber Eats customers may now receive orders delivered by one of Waymo's self-driving cars for the first time in the Phoenix metro area. It is part of a multiyear collaboration between the two companies unveiled last year.

[Waymo will launch paid robotaxi service in Los Angeles on Wednesday](#) – *NBC News*

Waymo said Tuesday that it would begin offering paid robotaxi rides in Los Angeles beginning Wednesday, April 10. The service works similarly to other ride-hailing smartphone apps such as Flywheel, Lyft and Uber, except that Waymo's vehicles have no human drivers present. Riders follow instructions on the app and through the vehicle's sound system, though Waymo workers can assist remotely.

[Autonomous Vehicle Industry Association Releases First-Ever "State of AV" Report](#) – *The Autonomous Vehicle Industry Association (AVIA)*

AVIA is excited to announce its first-ever State of AV report, sharing new data and highlighting key insights from AV developers providing the widest variety of perspectives on autonomous advancements to date. For the report, AVIA conducted a survey of its membership for an update on industry data and trends. [Full Report](#)

[The impact of autonomous vehicles on fleet management: What you need to know](#) – *London Loves Business*

As we edge closer to a future dominated by AVs, fleet managers must begin to prepare for the transition. This involves not only investing in the technology itself but also in training staff to manage and operate AVs effectively. The impact of autonomous vehicles on fleet management is poised to be transformative, offering unprecedented levels of efficiency, safety, and cost savings.

🦺 Public Safety & Enforcement

[Autonomous Hyundai Ioniq 5 Passes Driver's License Test In Las Vegas](#) – *Car Scoops*

Hyundai let a Nevada DMV-certified driving examiner judge its autonomous test vehicle on a driving test. The examiner road in the passenger seat as the vehicle operated in Nevada. She monitored and scored the vehicle on standard driving maneuvers and in the end passed the vehicle. That doesn't mean anything official, since autonomous vehicles aren't offered individual licenses, but it may help assuage some fears. (Video included)

[Could robotaxis soon come to DC? Waymo begins testing self-driving cars in the District](#) – *WUSA 9*

Waymo, has begun data collection in D.C. as part of a cross-country training program for its self-driving cars. The vehicles (all-electric Jaguar I-Pace sedans outfitted with sensing equipment on the exterior of the vehicle) currently driving around the D.C. area are all being driven manually by Waymo employees who have been trained as test drivers.

[Tesla starts using 'Supervised Full Self-Driving' language](#) – *Bloomberg*

Tesla has started using the term "Supervised Full Self-Driving" when discussing their self-driving efforts which is a reference to drivers having to "supervise" the system.

[The Automated Vehicle Safety Consortium™ Works with First Responders to Update Previous Best Practice on Interactions with AVs](#) – *Source*

This best practice revision reflects industry advancement updates and direct feedback received from first responders. It provides a recommended approach for first responder interactions with SAE L4 and L5 fleet-operated vehicles that includes an expansion of definitions associated with emergency situations, reordering of expected interaction use cases based on severity of risk, and clarification of use cases.

🔬 Research, Development, Testing & Evaluation

[On the impact of on-road partially-automated driving on drivers' cognitive workload and attention allocation](#) – *Accident Analysis & Prevention, 2024* (Research Paper)

30 Ontario drivers operated a vehicle in manual and partially-automated mode. Cognitive workload and visual attention were measured. No difference in cognitive workload was found between driving modes. However, drivers spent less time glancing at the forward roadway, and more time glancing at the vehicle's touchscreen. These data add to our knowledge of how vehicle automation affects cognitive workload and attention allocation, and show potential safety risks associated with the adoption of partially-automated driving.

[PAVE Recording: Accessibility & AVs: Lessons from goMARTI, Minnesota's Autonomous Rural Transit Initiative](#) – *Partners for Automated Vehicle Education*

goMARTI (Minnesota's Autonomous Rural Transit Initiative) is an on-demand autonomous shuttle project located in Grand Rapids, Minnesota, that was created to explore accessibility-focused public transportation in rural communities. The

program provides free on-demand rides using automated May Mobility shuttles. This panel discusses the importance of accessibility in public transit, successful collaboration between government and industry stakeholders, accessibility beyond AVs, and more.

[Are trucks the first domino piece in V2X deployment?](#) – *Automotive News Europe*

Mandating V2X in all trucks can save thousands of lives. In addition to that, it will start a chain reaction in the V2X market. Automakers would be much more motivated to deploy V2X in passenger cars. Any car buyer would love to have the "truck protection" safety feature. Not to mention, V2X would save additional thousands of lives every year in accidents not involving trucks.

[GM's Cruise to Resume Testing Its Robotaxi Service in Phoenix](#) – *Bloomberg*

Cruise will begin collecting road information in certain cities, starting with Phoenix. Once Cruise has collected the data and mapping information it needs, the next step is to test the vehicles, still with human drivers behind the wheel to validate the system. During that phase, the Cruise vehicles will drive themselves with a safety driver present to monitor and take over if needed.

📅 Upcoming Events

Iowa Advisory Council on Automated Transportation Meeting
In-person and Virtual
Thursday, April 18 from 10:00 a.m. to 12:00 p.m.
[Des Moines Area Community College (DMACC) Building 7](#)

[Innovative Technology and Automation Deployment in Work Zone](#)
HASS Connects Webinar
Wednesday, April 17
10:00 - 11:00 a.m.

> **Presenters:**
> Mark Kehrli – Federal Highway Administration
> Matthew Miller – Iowa Department of Transportation
> Kelly Wells – North Carolina Department of Transportation
> Steve Haapala –Washington State Department of Transportation
> Ashley Nylen – HASS COE

[PAVE Europe Virtual Panel "Autonomous Mobility and AI: Building Trust Beyond the Hype"](#)

Partners for Automated Vehicle Education: Europe
Monday, April 29
8:00 - 9:00 a.m.

Presenters:
Margriet van Schijndel – de Nooij – Eindhoven University of Technology
Hendrik Reese – Trustworthy AI PwC