



*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/](http://iowadrivingav.org/)*

## Articles and upcoming events

July, 22 2024

### Infrastructure Readiness

[SouthWest Transit will become the first in the metro to offer rides in autonomous vehicles – MPR News](#)

*SouthWest Transit, based in Eden Prairie, Minnesota, is set to become the first metro transit agency to offer rides in autonomous vehicles. Starting this fall, they will introduce self-driving minivans as part of their on-demand services. These vehicles will operate without human drivers, and the project is a collaboration with May Mobility.*

[Seoul integrates autonomous bus with its transportation system – Smart Cities World](#)

*Following an 11-month pilot operation, the Seoul Cheongwadae Autonomous Bus Service is now integrated into the Korean capital's public transportation system. The autonomous bus covers a 2.6 km route. The fare for this autonomous bus service is the same as regular city buses.*

## JFK Airport testing self-driving shuttles in parking lots. Here's how they work. – CBS News

*John F. Kennedy International Airport in New York is testing self-driving shuttles in its parking lots. The cube-shaped electric shuttles can accommodate eight people and luggage, traveling at a speed of 9 mph. The pilot program runs from 8 a.m. to noon Monday through Friday for the next two months, aiming to enhance efficiency and reduce wait time.*

## Cities are paying this robotaxi company to work with them – Smart Cities Dive

*May Mobility emphasizes partnerships with cities to tailor their services to meet specific mobility needs and enhance overall transportation efficiency and accessibility. This extends to transit companies as well. Most of the deployments have safety operators.*

## How autonomous vehicles can herald a new era for airports – Cities Today

*AVs are transforming airport operations by offering efficient shuttle services, reducing congestion, and improving safety. Phoenix Sky Harbor International Airport leads this innovation with its successful AV shuttle service. Airports worldwide are increasingly interested in AV technology to enhance the passenger experience and streamline airport logistics. [Download white paper](#)*

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## **Policy & Legislation**

### New EU safety regulations mandate the use of ADAS – ADAS & Autonomous Vehicle International

*The New Vehicle General Safety Regulation ([GSR2](#)) or Regulation (EU) 2019/2144, updates the minimum performance standards (type approval) for motor vehicles in the EU, requiring the addition of several advanced driver assistance systems (ADAS). These required systems include intelligent speed assist (ISA), autonomous emergency braking (AEB), driver drowsiness and attention warning (DDAW) and emergency lane-keeping systems (ELKS).*

### Kentucky Now Allowing Self-Driving Vehicles in State – Government Technology

*Kentucky became the 25th state to allow autonomous vehicles to operate on public roads under House Bill 7. This legislation establishes rules and regulations for autonomous vehicles, allowing them to operate on Kentucky roadways.*

## California lawmakers again eye driverless truck ban – *Commercial Carrier Journal*

*California lawmakers are revisiting legislation to prohibit the operation of driverless trucks on state roads. The proposed ban reflects ongoing debates over the role of automation in the trucking industry and its potential impacts on workforce dynamics and road safety regulations*

## Why US auto regulators are turning to tech to help reduce traffic fatalities – *Emerging Tech Brew*

*NHTSA recently finalized a rule mandating automatic emergency braking (AEB) systems in passenger vehicles by 2029. Traffic safety advocates argue that the government's efforts should move faster and explore additional technologies. Industry experts contend that achieving the minimum performance requirements with current technology is challenging. Moreover, there's a concern about phantom braking, where AEB activates even when no obstacle is present. They also highlight limitations with current technology's ability to detect stationary objects.*

## U.S. to propose rules limiting vehicle software made in China – *Highways News*

*The U.S. Commerce Department plans to issue proposed rules on connected vehicles next month and expects to impose limits on some software made in China and other countries deemed adversaries.*

## ADAS: Technology and liability – *Auto Service World*

*While Advanced Driver Assistance Systems enhance safety, it also raises questions about responsibility and legal implications for manufacturers, drivers, and repair shops*

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## **Economic Development**

### Autonomous trucking industry in fast lane – *Computer Weekly*

*Research reveals that autonomous truck industry is experiencing a revival after the initial hype, with vehicle delivery numbers breaking records - but pain points need to be addressed to ensure commercialization. Autonomous Trucks 2024-2044: Technologies, Trends, Forecast looked to provide detailed insights into the market share and growth prospects of key regions, including China and the US.*

### Dubai completes initial tests on driverless trucks – *Automotive Testing Technology International*

*In Dubai, initial tests on driverless trucks have been completed, marking a significant step in autonomous vehicle technology. The vehicle's automated functionality was assessed, including its array of cameras and ultrasonic sensors that provide 360° visibility. Key aspects tested included object detection, accident prevention, collision avoidance, emergency stops, parking maneuvers and reverse operations. No failures or hazardous incidents were reported.*

### Faction trials self-driving EV for last-mile delivery – ADAS & Autonomous Vehicle International

*The trial will pave the way for a safer, more efficient future of urban transportation. The company's DriveLink autonomy system and TeleAssist for remote human assistance will be tested during the trial, which will see self-driving vehicles fulfil curbside deliveries for real customers in the Houston metropolitan area in its early operations phase.*

### goMARTI celebrates 10,000 riders in Grand Rapids, looks to expand the routes – WDIO

*10,000 rider milestone was hit by goMARTI service in Grand Rapids. Of the riders, 91% are repeat customers. 8% are wheelchair accessible vehicle requests. Stops will be added to the route at Walmart, the food bank, and the college.*

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## **Public Safety & Enforcement**

### A string of Waymo tire slashings is the latest example of vandalism against self-driving cars in San Francisco – Business Insider

*A 36-year-old individual has been charged with 17 counts of vandalism for slashing the tires of Waymo robotaxis in San Francisco. The incidents were captured on cameras installed in the Waymo vehicles.*

### Tesla self-driving accident leaves Montreal man with hefty bill – CTV News Montreal

*When an owner tried to summon his Tesla using the Smart Summon feature on his phone, the car unexpectedly sideswiped another vehicle in a parking lot. Despite the malfunction, Tesla refused responsibility, and the owner was responsible for the damages. It was later discovered that using this driverless feature in public spaces in Quebec was not even legal due to outdated rules.*

### SAE Tomorrow Today: Episode 232 - Can Autonomous Vehicles Eliminate Distracted Driving? – SAE

*Twelve minute podcast features Grayson Brulte, host of SAE Tomorrow Today, on why the addiction of our smart phones when driving must be dealt with and how automated vehicles can help.*

### Minor accident sparks talk on autonomous driving tech – The Star

*A self-driving taxi operated by Chinese tech giant Baidu recently collided with a pedestrian in Wuhan, sparking discussions about the challenges and limitations of autonomous driving technology.*

### IIHS: Every Car Should Have Rear Automatic Emergency Braking – Motor 1

*IIHS recently put eight small SUVs through its rear crash prevention evaluation. Five of the eight earned the highest possible ratings of superior. According to the IIHS-affiliated Highway Loss Data Institute, cars equipped with rear AEB saw claims for damage to other vehicles fall by 29 percent, and claims for damage to policyholder vehicles drop by 9.*

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## **Research, Development, Testing & Evaluation**

### A passenger could improve safety for drivers in semi-autonomous cars – RAC Foundation

*A simulator study found that when accompanied by a front seat passenger, drivers were better focused on the road and more capable of deciding when manual control was necessary. Passengers aided in preventing drivers from falling asleep and encouraged vigilance, but vehicular control immediately after resuming manual driving was generally poor. How Will Drivers and Passengers Interact in Future Automated Vehicles?*

### NCDOT and UNC Charlotte Release Findings of CASSI Pilot in Final Report – North Carolina DOT

*Key findings from the UNC Charlotte pilot reveal that the shuttle's technology requires further development to meet campus and community needs. Despite community interest in new technologies, most preferred alternative campus transportation options for reasons such as comfort and reliability. Challenges such as slow speeds and delays also hampered the shuttle's performance compared to conventional transportation methods. Connected Autonomous Shuttle Supporting Innovation (CASSI) at UNC Charlotte*

### Tokyo airport trials driverless cargo vehicle – Tech Xplore

*Tokyo's Haneda Airport is conducting a trial with a driverless vehicle designed to tow cargo containers. The AV can tow up to 13 tons of containers, shuttling between aircraft and airport buildings over a distance of approximately 1.2 miles without a human driver in the cab. The trial aims to address labor shortages and innovate the air transport industry.*

Revealed: The 10-second danger window when humans take back control of self-driving cars – MSN

*A simulator study carried out by the University of Nottingham has revealed that the first 10 seconds when humans resume manual driving was generally poor. Drivers weaved and displayed erratic acceleration and braking behaviors.*

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## Upcoming Events

PAVE Virtual Panel – “Global Perspectives: How Legal Frameworks and Safety Standards are Shaping ADAS & AV Development

*Partners for Automated Vehicle Education (PAVE)*

Wednesday, July 24

10:00 a.m.

**Presenters:**

Giovanni Giancaspro – TomTom

Stephanie Leonard – TomTom

David Ward – Towards Zero Foundation and Global NCAP

New Mobility, Automated Vehicles, and Real Estate

*Center of Excellence on New Mobility and Automated Vehicles*

Thursday, July 25

12:30 p.m.

**Presenters:**

Mark Arizmendi – Northwestern Capital Partners, LLC

Terry Shook – Shook Kelley

Alan Berger – Massachusetts Institute of Technology

Nico Larco – Urbanism Next Center at University of Oregon

Identifying outcome measures to evaluate effectiveness of consumer education and training for vehicle automation

*Safety Research Using Simulation (SAFER-SIM), University of Iowa*

Thursday, July 30  
3:00 p.m.

**Presenter:**

Anuj Pradhan – University of Massachusetts-Amherst