

Last Week In Innovative Mobility

July 15 - 21, 2024



government technology

AUTOMATED VEHICLES

Kentucky passes House Bill 7 allowing automated vehicles (AVs) to operate within the state. The bill requires AV owners to submit a plan describing how state police officers should interact with the AV and processes describing how to stop and remove the vehicle from the road. Representative Josh Bray, the bill's sponsor, indicates Kentucky will not see AVs operating for another five to ten years.

AUTOMATED VEHICLES

Six U.S. cities contract the AV company May Mobility to provide a customized mobility service. For example, a pilot program in Detroit, Michigan specializes in providing rides for older adults or individuals with personal mobility challenges. May Mobility also works with public transit agencies to provide wheelchair-accessible first- and last-mile service to transit hubs.



May Mobility

AUTOMATED VEHICLES

The Federal Communications Commission plans to vote on the usage of the 5.9 GHz band for intelligent transportation systems. The vote will determine if cellular vehicle-to-everything (C-V2X) technology can be enabled to promote advanced safety technologies. The C-V2X technology will allow vehicles to communicate with other vehicles, infrastructure, and other road users even if they are not within sight of the vehicle.



Inside Towers

TNCs/RIDEHALING

Uber releases an app update that allows customers to view average fare and wait time in about 10,000 cities around the world. Uber explains that this feature provides more transparency for travelers who are planning trips. Additionally, Uber has partnered with airline loyalty programs, champagne tours, and river cruise companies to support travel bookings for the 2024 Olympics in Paris, France.



Alex Castro/The Verge

URBAN AIR MOBILITY

Joby Aviation acquires the Xwing autonomy division to support the development of unmanned and ground-supervised aviation. Xwing has already developed an automated flight software, called Superpilot, that has been tested 250 times. Joby's first certified aircraft will require a pilot but the founder explains that flight automation may help reduce a pilot's workload, improve their efficiency, and streamline flight operations.



Joby Aviation

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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley

