Last Week In Innovative Mobility
June 30 - July 6, 2025

ITS Berkeley
Institute of Transportation Studies

AUTOMATED VEHICLES

Beep

The Jacksonville Transportation Authority (JTA) partners with Beep to operate an electric and automated vehicle (AV) microtransit service. The microtransit service includes 14 Ford e-Transit vehicles equipped with Oxa AV technology, covers a 3.5-mile route, and has 12 designated stops in Jacksonville, Florida. Initially, the service will be free to passengers, and JTA expects to expand the service to a ten-mile loop within the next ten years.

ELECTRIC VEHICLES

Tesla opens the Oasis Supercharger station with 168 chargers in Lost Hills, California. The charging site features solar panels with an output of up to 11 megawatts and Tesla Megapacks, which are capable of storing up to 39 megawatt-hours of electricity. The charging site is capable of and currently operating off-grid with 84 operational chargers. Tesla expects to bring all the chargers online and open an on-site lounge by December 2025.

electrek

ELECTRIC VEHICLES

Simonkr/Getty Images

The Washington Department of Transportation and the Department of Commerce developed the Electric Vehicle Mapping and Planning (EV-MAP) tool. EV-MAP uses the Esri geographic information system and compiles over 100 datasets, including existing EV charging stations, traffic counts, and EV registrations. The state legislature directed the development of EV-MAP, which is expected to guide EV investments in the 2025–2027 budget.
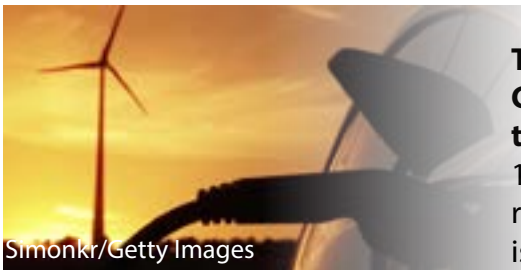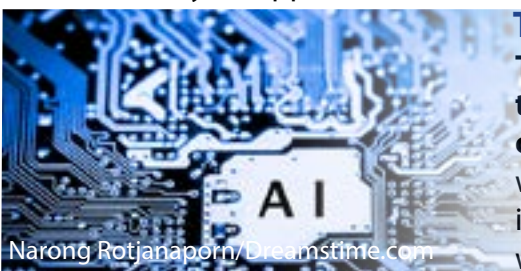
TRANSPORTATION SAFETY

E-bike safety became a topic of debate concerning Vision Zero during the New York City Democratic Mayoral debate. The mayoral candidates generally agreed that the rapid increase in the number of e-bikes in the city within the past few years has led to discomfort among road users. Experts suggest that speed governors may help to support e-bike safety; however, there will likely be opposition from the e-bike delivery community.

Quinn Gregory

TRANSPORTATION TECHNOLOGY

Narong Rotjanaporn/Dreamstime.com

Transportation professionals use artificial intelligence (AI) to support transportation safety, enforcement, infrastructure maintenance, and other aspects of transportation. Experts explain that AI can be integrated with legacy systems to create unified strategies that help cities of all sizes make informed decisions. For example, a legacy red light camera can be enhanced with AI to distinguish between emergency vehicles and civilian violations.

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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

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