



Utah DOT expands CV deployments

The Utah Department of Transportation (UDOT) is continuing to expand its deployment of connected vehicles (CVs). As part of this expansion, UDOT, in collaboration with Panasonic, will add 150 roadside units (RSUs) and 130 onboard units (OBUs) to its CV deployment. UDOT is also implementing emergency vehicle preemption, adding this to their current CV use cases including transit signal priority, snowplow preemption, and weather impact warnings.

Photo by: [Utah DOT](#)

The Ray, GDOT, Kia, and Panasonic demonstrate CV environment

The Georgia Department of Transportation (GDOT) has recently demonstrated a CV corridor along 18 miles of I-85. This project, developed in cooperation with The Ray, Panasonic, and Kia Georgia, can utilize CV data to detect roadway events in real-time and send communications to travelers along the roadway. CV messages can, for instance, warn approaching vehicles about weather events, work zones, hard braking events, and vehicle crashes.



Photo by: [The Ray](#)



Michigan DOT and Cavnu developing CAV highway lane

Cavnu and the Michigan DOT are developing a 25-mile lane of I-94 designed to optimize automated vehicle (AV) operation. This “connected corridor” would allow vehicles with automated steering and braking systems to operate at higher speeds and spaced closer together than vehicles without automated systems.



Photo by: [Motor Authority](#)



Virginia DOT to test work zone warning system

The Virginia Department of Transportation (VDOT) will deploy connected vehicle work zones at several locations this summer. Working with VTTI, [Audi](#), Commsignia, Qualcomm, and others, through this project VDOT will utilize C-V2X to send messages to drivers upon entering the work zone, traffic pattern changes like lane shifts, and the like. The system will also notify construction workers of vehicles entering the work zone through vest-installed haptic feedback.

Photo by: [Audi](#)

CAV News Bytes is a monthly publication that offers snapshots of some of the latest developments related to Connected and Automated Vehicles (CAVs) and CAV deployments. CAV News Bytes is developed by the Intelligent Transportation Society of America (ITS America) with support from the Connected Automated Vehicle Deployer Task Force.

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