CAV News Bytes
Monthly newsletter on CAV-related developments & deployments
August 2023

FCC approves 17 C-V2X waivers

On August 16, the Federal Communications Commission (FCC) sent a letter approving waiver requests from 17 applicants. These applicants – including state DOTs from Colorado, Florida, Georgia, Maryland, Michigan, Oregon, and Texas, among others – had applied for waivers individually. The waiver approvals are in addition to previous FCC approvals that were granted in April.

Photo by: fcc.gov

Mercedes-Benz helps Boston identify damaged road surfaces

The City of Boston is teaming up with Mercedes-Benz to crowdsource roadway surface condition data collection. Participating vehicles will identify when they travel over damaged roads, then send this data via vehicle-to-infrastructure (V2I) communication to the City of Boston's Analytics Team. This data will be aggregated and compared with other sources, such as constituent complaints as well as on-site inspections, to help identify and prioritize road maintenance.

Photo by: Mercedes-Benz USA

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California agency to investigate connected vehicle data privacy

The California Privacy Protection Agency (CPPA) is investigating the data retention policies and practices of connected vehicle (CV) manufacturers. The CPPA's review is to verify that companies collecting vehicle data are complying with the California Consumer Privacy Act (CCPA). The CCPA gives individuals in the state the right to know what is being collected, the right to delete that information, and the right to stop the data's sharing or sale.

Photo by: Ars Technica / Getty Images

Photo by: Independent / PA Archive

CVs can potentially help prevent crashes by identifying dangerous roads

Research from the RAC Foundation suggests that data collected from CVs can help locate dangerous road conditions and warn other drivers, possibly reducing crashes. CVs can collect vehicle data on actions such as sudden vehicle braking, swerving, activation of traction control, and other vehicle dynamics. Aggregating this data could help roadway engineers identify segments that present safety concerns that require redesign.

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.

For more information or to share a CAV-related news story with our team, please visit itsa.org/cav-deployers-task-force/

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