



Photo by:
[Utah DOT](#)

[Utah DOT awarded \\$5 million grant](#)

The Utah Department of Transportation (UDOT) was [awarded](#) a \$5 million grant for its Connected Communities program. This grant will go toward installing connected vehicle (CV) technologies into disadvantaged communities in rural and urban parts of Utah. The grant award is through the USDOT's Advanced Transportation Technology and Innovation ([ATTAIN](#)) Program.

[Chattanooga's connected intersections to multiply](#)

Chattanooga, Tennessee is adding to their downtown "living testbed," connecting additional intersections to their communications network. The city envisions upgrading 100 intersections with CV infrastructure for V2I communications, as well as installing LiDAR to promote traffic safety. The intersection upgrades are planned over the next two years.



Photo by:
[Route 50 / Getty Images](#)



[MediaTek partners with Nvidia to enhance CV technology](#)

MediaTek, a designer of system-on-a-chip (SoC) hardware for vehicles, has [entered a partnership](#) with chip designer Nvidia. The agreement allows MediaTek to include Nvidia-patented hardware designed for artificial intelligence and ray tracing applications in their automotive chip designs, allowing for improved safety and in-cabin infotainment features.



Photo by: [Electrek](#)

[Cybersecurity risks rise with additional vehicle connectivity, electrification](#)

As CVs and electric vehicles (EVs) increase in market share, they will become more tempting targets for hackers. EVs often include more electronics and processing power than similar internal-combustion vehicles, making them a larger target for hackers. Whether hackers attempt to gain access to personal information in the vehicle, interfere with EV charging operations (as [hackers](#) did last year), or just interfere with CV operations by saturating the C-V2X signal with junk information, there are concerns regarding potential security risks and damage.



Photo by: [Financial Post](#) / [Getty Images](#)

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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