
US DOT and NYC Connected Vehicle Pilot Goes Live

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In July 2018, the NYC Department of Transportation (DOT) and DCAS announced a joint partnership to participate in a federal DOT pilot program to study the effectiveness of connected vehicle (CV) technology in order to make our roads safer. This is one of only three pilot programs in the country, along with the Tampa Hillsborough Expressway Authority (THEA) and the State of Wyoming DOT. Check out [the original newsletter on this program](#). In 2019, Together for Safer Roads (TSR) also [announced that their corporate partners would join this effort](#).

The goal of the project is to study the technical capacity to improve safety and vehicle operations through sensors on vehicles and infrastructure such as light poles. The sensors will enable the cars and fixed structures to communicate live safety data to each other. This data can then prompt audio alerts to warn the driver of potential hazards. In theory, this type of technology could also pave the way toward self-driving cars in the future.

In total, 3,000 vehicles from 20 agencies will be involved with the pilot. The technology is installed on over 2,600 units now, with the rest being completed this spring. ***This week DOT is placing the system in live mode.*** Drivers of participating vehicles will begin to receive safety alerts within the car if dangerously approaching pedestrians, other cars, or if driving in an unsafe manner. At this time, these alerts will only be within selected geographic areas that are part of the pilot. Downtown Brooklyn and Manhattan are the main zones.

Drivers will hear beeps to alert to possible forward collisions with drivers or pedestrians. The driver will also receive crash alerts tied to lane changes. The vehicle will prompt you to drive safely when approaching work zones, to slow down when speeding, and alert you if you're about to go through a red light. The system can also alert drivers to emergency situations such as flash flood warnings.

These real-time safety alerts are only for the benefit of the driver. Agencies will not receive any data from the CVsystem. US DOT will receive data from this pilot solely for analytical and research purposes. To learn about these alerts, you can view the [Connected Vehicle Driver Training Video](#). (Password: CVPD2021)

You can also see the full program description and other information on the [NYC Connected Vehicle Project website](#). You can also [learn more about the go live portion of this pilot program](#). We also encourage you to visit the [Vision Zero Fleet Safety webpage](#) to find out about all the projects the DCAS Fleet Management team is working on to make our roads safer.

We would like to thank both federal and city DOT and all 20 partner agencies who are participating in this important research project. A Connected Vehicle Showcase event is being planned for this summer. Drive safely.



COVID-19 Safety Reminder

For all fleet drivers, please be reminded to wear a mask when operating a fleet vehicle with others in the vehicle. Attached again are the [Department of Health's COVID-19 Safety Guidelines relating to vehicle operation](#).

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[NYC Fleet Newsletter 345, May 21, 2021](#): TSR and DCAS Host Global Vision Zero Conference: Announce New Safety Award and Surround Camera Initiative for City Fleet Trucks

[NYC Fleet Newsletter 344, May 10, 2021](#): DSNY Introduces All-Electric Sweeper

[NYC Fleet Newsletter 343, April 30, 2021](#): Over 5,000 Drivers Complete Online Vision Zero Safety Training

[NYC Fleet Newsletter 342, April 22, 2021](#): Mayor Announces School Busses Going Electric

[NYC Fleet Newsletter 341, April 14, 2021](#): DCAS, US DOT Kick Off Clean Fleet Transition Plan

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