

## **US DOT and DCAS to Partner on Expansion of Intelligent Speed Assistance (ISA)**

By: Keith T. Kerman



This week, Mayor Adams [announced](#) that New York City received nearly \$30 million in federal funding through the Safe Streets and Roads for All program. The grant will fund a permanent redesign of a portion of Queens Boulevard and enhance traffic injury analysis with health data.

For the City's fleet, the grant will support a major expansion of the DCAS Intelligent Speed Assistance (ISA) program to 1,700 additional fleet vehicles. With this addition, a total of 2,000 units will soon feature ISA technology. This will be the largest ISA program of its type in North America, and likely the world. You can learn more about the US DOT national grant details [here](#).

In August 2022, Mayor Adams and DCAS Commissioner Dawn Pinnock [announced](#) the City's initial pilot featuring 50 units retrofitted with ISA. ISA technology is installed on each vehicle's engine computer and accelerator and

is tied to our Fleet Office of Real-Time Tracking (FORT). Quite simply, ISA prevents a vehicle from going faster than the speed limit in place wherever an operator is driving. Once a vehicle is at the speed limit or any other speed set by DCAS, the vehicle will no longer accelerate beyond that speed. The current DCAS system offers the driver a release button to suspend ISA for 15 seconds at a time if an unusual traffic situation requires it.

In January 2023, the City [announced](#) the initiative's early success with fleet vehicles staying within the set speed limits for 99% of miles driven and a 36% reduction in hard braking events. Hard braking indicates unsafe driving habits, including speeding and tailgating. The release button was rarely employed.

DCAS has now installed ISA on 300 city vehicles from 13 agencies, including 14 types of vehicles, ranging from sedans, SUVs, pickups, vans, trucks, to school buses. Over 750,000 miles have already been driven using ISA and the initiative has received attention from [CNN](#) and [NY1](#).

The support from the Federal government and US DOT will now enable this initiative to go from pilot to a major part of our safe fleet and Vision Zero strategy. DCAS will work with all City agencies to develop a list of heavily used vehicles to enroll in the program. Using our current telematics and crash data, DCAS will focus on vehicles with existing speeding, safety risk, or crash histories to add the ISA technology.

Speeding with vehicles is a significant cause of death and injury in the United States. As per the [National Transportation Safety Board](#) (NTSB), speeding is involved in about one-third of traffic fatalities in the United States, including 12,330 fatalities in 2021 alone. In November 2023, NTSB publicly called for national ISA standards for US vehicles. DCAS helped spark this focus and will now lead the nation in proving and implementing this technology that could save lives in every state, every day.

Thanks to US DOT, the Mayor's Office, NYC DOT, and all our agency fleet partners who have supported this initiative. Special thanks to Nate Koszer and Eric Richardson in DCAS Fleet for leading the pilot. We look forward to implementing this exciting grant over the years ahead.

## **Even our toy fleet is going electric!**

NYC & Co has a licensing agreement with Greenlight and Daron to sell City fleet units from DSNY, NYPD, FDNY, Parks, DOT, TLC, and more.

And, for the first time, our toy fleet is going electric.

Check out the first [electric sanitation truck](#), with safety side-guards, and [EV taxi](#). More electric toy options are coming soon.

Lots of [City fleet toys](#) are available online at the DCAS CityStore and make great gifts.



*Toy Sanitation truck*



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### Week In Review: December 10-16

New pathways to ensure that 250,000 young New Yorkers who have the talent of tomorrow can get on the right path today. Signing a bill that makes a "Fair Housing Framework" law as part of our plan to create a "City of Yes" for housing agenda. Celebrating Nostrand Houses' historic vote to enter the NYCHA Trust. This last week was a big one — and it took all of New York City's hard work to get here.



## Check out past editions of the Fleet Newsletter

[NYC Fleet newsletter 442, December 11, 2023](#): Fleet Spotlight: Spiro Kattan, DSNY Fleet Sustainability

[NYC Fleet Newsletter 441, December 1, 2023](#): Renewable Diesel Replaces Fossil Fuel For New York City Fleet Trucks

[NYC Fleet Newsletter 440, November 3, 2023](#): DCAS and NYCHA Add Sustainability to Fleet Partnership

[NYC Fleet Newsletter 439, October 26, 2023](#): Mayor Adams Signs Fleet Electrification Law

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