Cooperative Automated Transportation Section [CATS]

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What is CATS?  
**Cooperative Automated Transportation Section**

The new Cooperative Automated Transportation Section (CATS), within Delaware Transit Corporation, will spearhead the next generation of transportation strategies to improve safety, mobility and operations efficiency. CAT technology enables the integration of all modes of transportation to encourage a safe, multimodal transportation system. This new section will advance the Department’s Connected and Automated Vehicles (CAV) program across the Traffic Management Center, the Department of Motor Vehicles, Planning and other sections within each of the Department’s divisions. By piloting emerging technology, such as the purchase of two CAV transit shuttles in January 2020 by the Delaware Transit Corporation (DTC), CATS will be at the forefront of transportation innovation that will inform mobility around the state. As DTC responds to trends in service delivery spurred by new technology and changing demographics, CATS will position Delaware as an incubator for modern, efficient and technology focused transit initiatives.
What is CATS?

Includes:

Connected and Autonomous Vehicles
Benefits of CAV – Safety & Reduced Crashes

BRAKE FOR FAMILY

Krlsta Warner and Daughter – DeIDOT Tolls

SAFETY.DEIDOT.GOV
Benefits of CAV – Reduced Traffic Congestion
Benefits of CAV – Real-time Data
Benefits of CAV – Priority for Emergency Vehicles
Includes:

Autonomous Vehicle Shuttles
How Does AV Tech Work?

- LIDAR + sensors (Light Detection and Ranging)
- 3D color map
- Real-time data points
Easy Mile in Other Cities

- First/last mile transport
- Research accessibility for older adults
- University/transit partnership
- Airport terminal to rental car
- Road show of tech around state
- Corporate campus
- Market new residential devt
Cooperative Automated Transportation Section

Includes:
MaaS
Microtransit

Image source: Central Ohio Transit Authority
**Cooperative Automated Transportation Section**

*Image source: Tri-Delta Transit/Tri My Ride*

*Image source: Sacramento Regional Transit*
Thank you!

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