MSAA - MOD Storyboard
Stage 4: Automated Travel

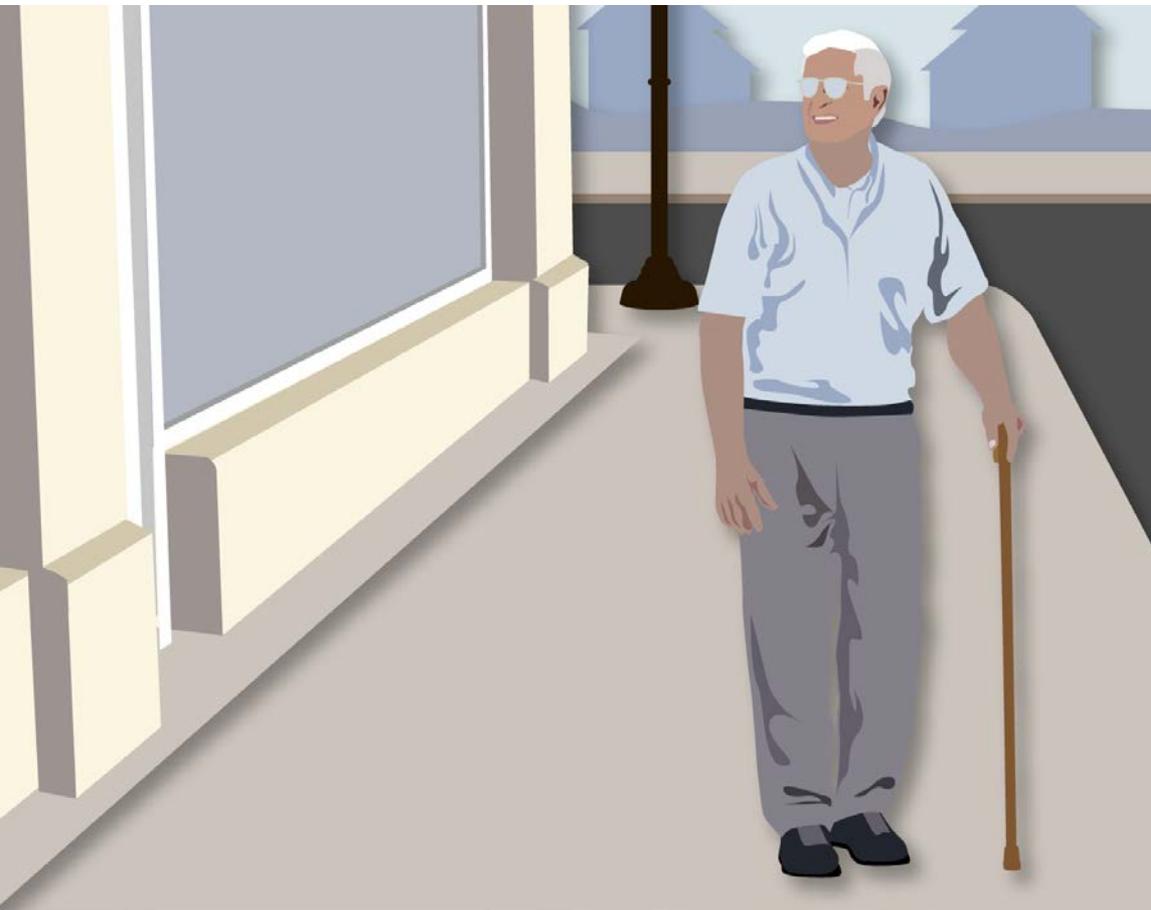U.S. Department of Transportation
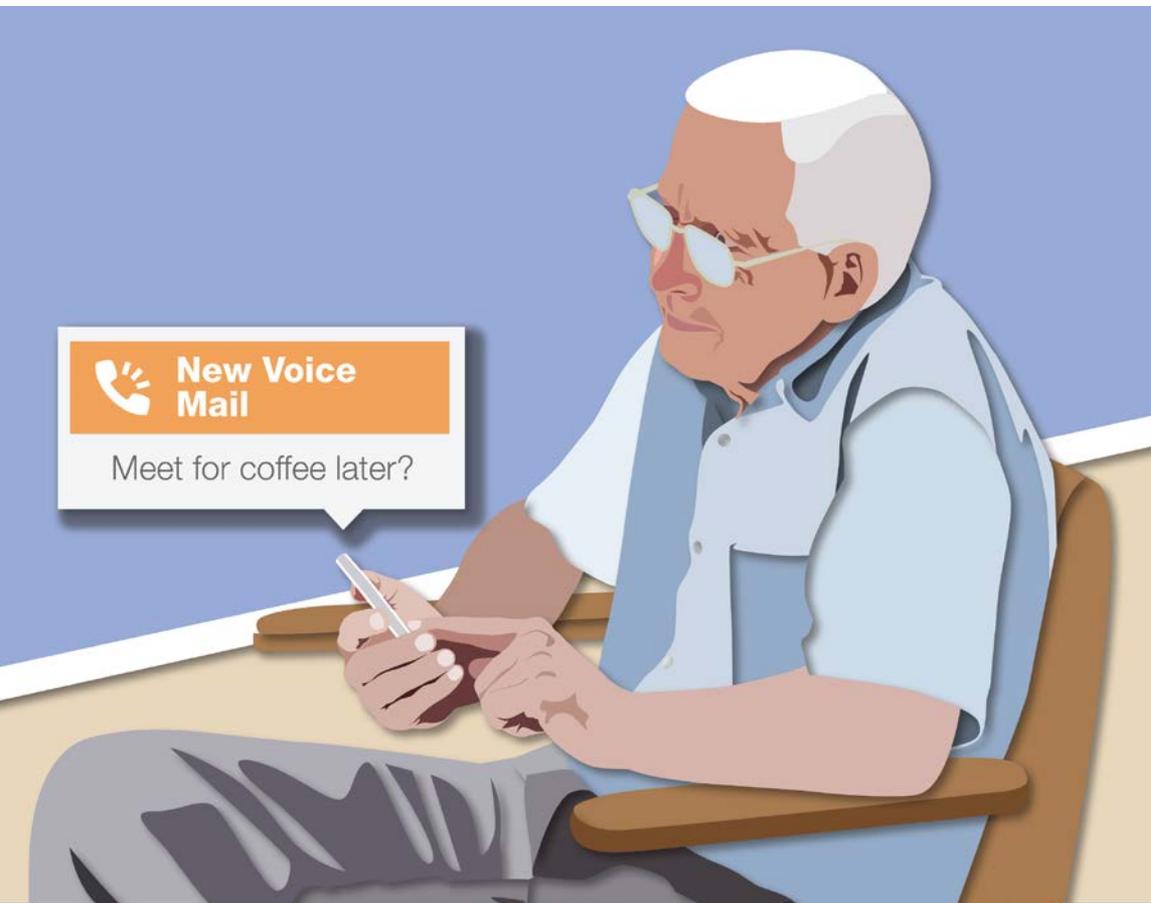
This is George. He is a retired American. He lives alone in a Retirement Community and no longer drives a vehicle.

U.S. Department of Transportation

George meets friends each afternoon for coffee downtown.

He is able to use public transportation, however his trip involves navigating to the nearest bus stop, which is over a mile away at the entrance to his community.

U.S. Department of Transportation

With Mobility Services for All Americans and Mobility on Demand improvements to automated travel options, George can now take advantage of an automated transport system that runs throughout his Retirement Community.

U.S. Department of Transportation

When George needs to leave his home he simply calls the TMCC or can use his TMCC mobile application to digitally request it.

This alerts the automated transport vehicle to make a stop at his home.

U.S. Department of Transportation

The automated vehicle runs within the community along a virtual guideway on existing roads and stops at pre-programmed destinations when requests are made.
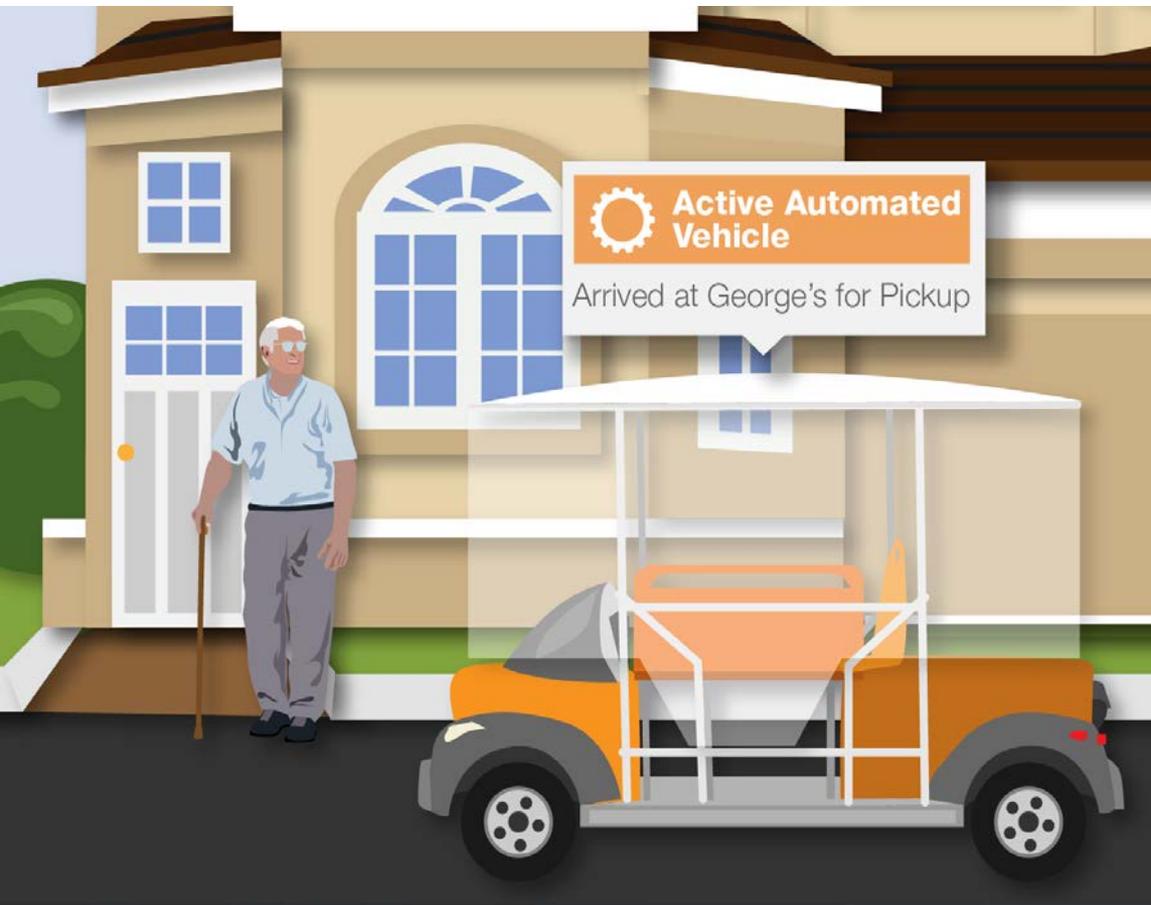
Since these vehicles are driverless they can be initiated only when needed.

Once on board the riders simply push a button when they need the vehicle to make a stop or they can program a destination when they request the ride. The vehicle will let them off at their requested destination.
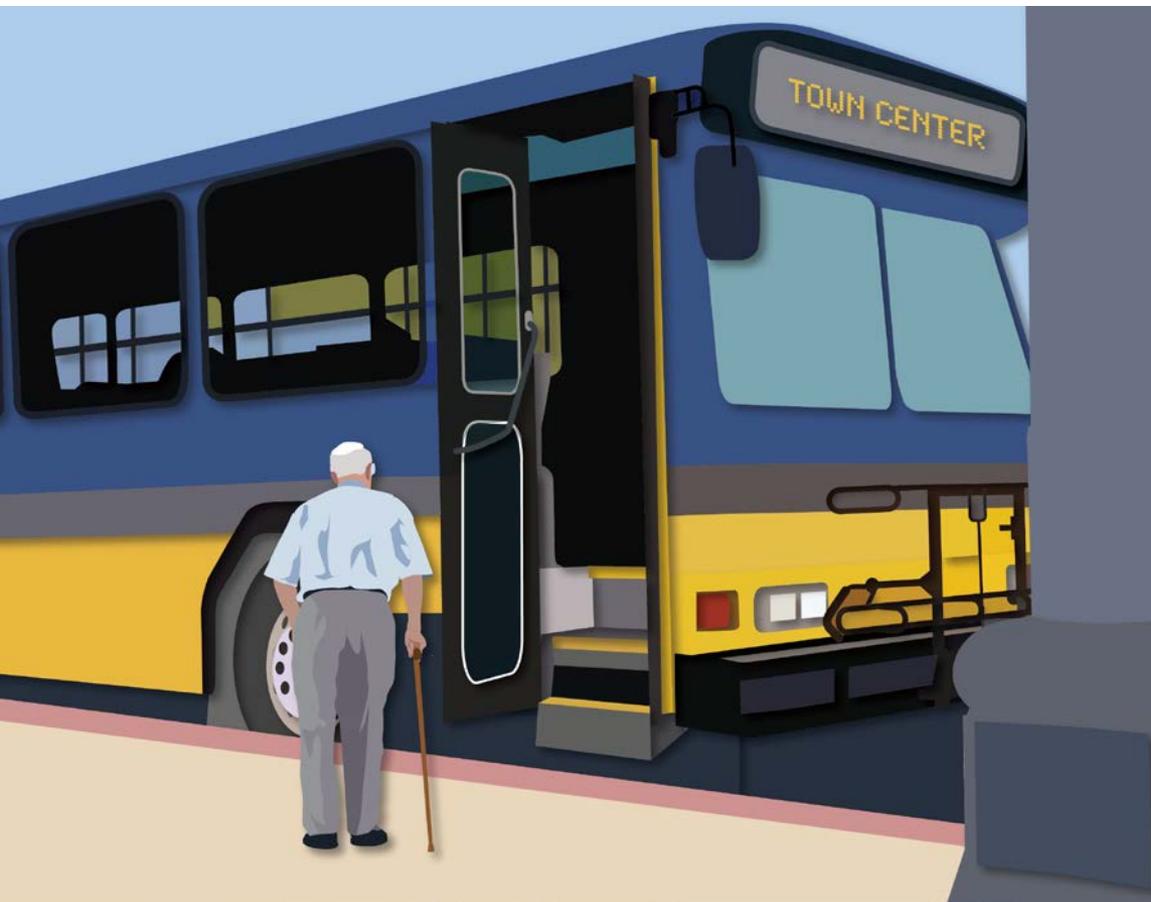
The automated transport vehicle picks George up in front of his home

Once onboard, the vehicle knows to drop George off at the bus stop due to his initial travel request.

U.S. Department of Transportation

George is able to make it to the bus stop in time to make the bus just as it is arriving and is able to meet his friends for coffee.

Due to a seamless connection through a Mobility on Demand approach, George is able to have efficient and reliable transportation.

MSAA and MOD—Providing improved mobility options and access to employment, healthcare, education, and other community activities for all travelers, including people with special transportation needs.

U.S. Department of Transportation