

Autonomous Shuttle Pilot Project Legislative Update

The Utah Department of Transportation (UDOT) and the Utah Transit Authority (UTA) are partners in bringing the Autonomous Shuttle Pilot Project to Utah. Connected and autonomous vehicles (CAVs) are the future of transportation and together these organizations are exploring the best opportunities to leverage CAV technology in our state.

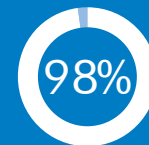
Project Goals:

- To provide an opportunity for the public to experience and better understand autonomous vehicle technology and to provide feedback as these organizations shape the future of transportation in Utah.
- To gather research data to better understand how autonomous vehicle technology works.
- To determine how autonomous vehicle technology could integrate with transit systems and other transportation modes.

Project Details:

- The shuttle is a Level 4 completely autonomous vehicle (AV) – meaning there is no driver, steering wheel, or pedals. It operates up to 12 miles per hour and follows a predetermined route. It also reacts in real-time to other vehicles, pedestrians and any obstacles in its path.
- The duration of the Autonomous Shuttle Pilot Project is from April 2019 to April 2020.
- The shuttle locations include, Canyons Village at Park City, Station Park in Farmington, 1950 West Business Park in Salt Lake City, University of Utah campus in Salt Lake City, Mountain America Expo Center in Sandy, Utah State Capitol in Salt Lake City, a venue in St. George, and other locations to be finalized.
- As of Sept. 26, 2019, total ridership is 4,180 people.

Percentage of people that felt safe and who had a more positive attitude toward AV technology after their ride.



Safe



Positive Attitude

Benefits of Autonomous Vehicle Technology:

Safety: Testing driverless transportation will help identify more opportunities to improve safety by decreasing the possibility for human error. National transportation safety statistics indicate that human error is responsible for 94 percent of crashes.

Access and mobility: Driverless vehicles, including autonomous shuttles, can help improve access and provide increased mobility. This shuttle pilot project is helping to evaluate the benefits of utilizing autonomous shuttles as part of Utah's transit system as well as other possible applications. In the future, an autonomous shuttle may complement the state's transit system as a first and last mile connection.

Strategic Direction: UDOT continues to be at the forefront of CAV development and implementation and is focused on researching how these technologies can support UDOT's goals to achieve zero fatalities, optimize mobility and preserve infrastructure. UTA is exploring ways to meet the travel needs of individuals and to enhance community accessibility through safe, reliable and innovative services.

For more information about the Autonomous Shuttle Pilot Project, visit AVshuttleutah.com.

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