

Experience the future of transportation.

# Take a ride on Utah's first completely autonomous shuttle!

The Utah Department of Transportation (UDOT), in partnership with the Utah Transit Authority (UTA), is excited to launch an Autonomous Shuttle Pilot in the state of Utah. The autonomous shuttle will give the public its first look at a completely autonomous vehicle (AV) – meaning there is no driver, steering wheel, or pedals.

This pilot is the technology testing period, which will last for a year starting in April of 2019. The autonomous shuttle will move to different communities throughout the pilot and we invite you and your friends and family to ride the shuttle and provide your feedback on what you think of autonomous technology and what you thought of your shuttle ride. You'll have the opportunity to help influence the future of transportation in Utah.



## ON TOUR

Find out when the autonomous shuttle is coming to your community.

NEXT TOUR STOP--

JULY-  
SEPTEMBER

University of Utah,  
Salt Lake City



TOUR MAP & LOCATIONS



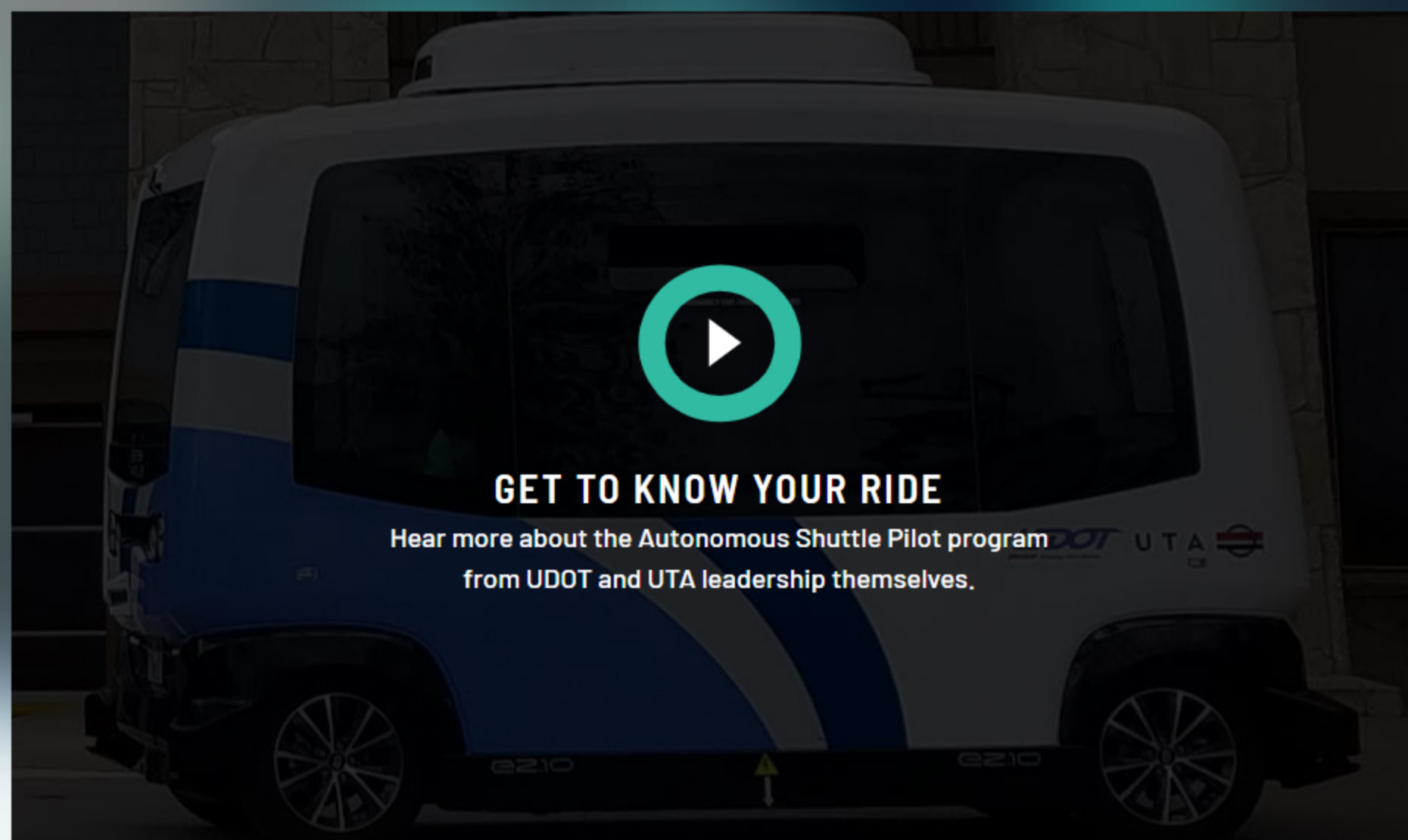
SEE EVENT PHOTOS & VIDEOS

## We want your feedback.

Tell us what you think about the autonomous shuttle.



SHARE YOUR COMMENTS



# Benefits of Automation



## SAFETY

Automated vehicles' potential to save lives and reduce injuries is rooted in one critical and tragic fact: 94 percent of serious crashes are due to human error.



## ECONOMIC AND SOCIETAL BENEFITS

Automated vehicles could deliver additional economic and societal benefits. A 2018 survey shows that motor vehicle crashes cost Utah consumers \$268 million.



## EFFICIENCY AND CONVENIENCE

With more connected and automated vehicles on the roads, the vehicles would communicate with each other as well as with the vehicle-to-infrastructure systems to help increase driver efficiency and reduce congestion.



## MOBILITY AND ACCESS

Connected and autonomous vehicles can help improve access and increased mobility to meet the needs of Utah's communities. For those with a disability, the elderly, or no direct access to public transit, this could provide a more independent life.

## Frequently Asked Questions

### — What is an Autonomous Shuttle?

Autonomous shuttles are electric vehicles with capacity for six to 12 passengers. They do not have a driver's seat, a steering wheel, pedals, or the other features usually associated with traditional vehicles. The shuttle follows a pre-determined route, but reacts to other vehicles, pedestrians, etc. in real time as they are encountered. A "Shuttle Host" is usually on board to turn the vehicle on and off and monitor operations.

### — What is connected technology?

Connected vehicle technology will enable cars, trucks, buses, and other vehicles to "talk" to each other with in-vehicle or aftermarket devices that continuously share important safety and mobility information.

### — Where will it be located?

The Autonomous Shuttle will change locations every few weeks. All shuttle sites and routes are vetted and approved in advance by the Federal Government. Check the map to see when it's coming to a community near you.

### — How did you select the sites?

Several factors were considered when selecting the shuttle sites. Things like proximity to transit, areas with lots of visitors, access to storage and charging facilities, and the ability to interact with riders and get feedback.

### — Is there a driver?

No. The shuttle will have a person on board to serve as a host to answer questions and monitor operations.

### — Will this take away jobs from current UTA drivers?

If this technology is deployed in the years to come, it is meant to increase ridership, create new jobs, and provide access to transit in communities that have none. This may be a first/last mile solution for those communities. This type of vehicle would supplement the service UTA currently has, not replace it. It would connect neighborhoods to bus stops, TRAX stations, and FrontRunner stations. This project will help UTA/UDOT to determine if this technology will work in Utah communities. Please take the survey or leave a comment on this website. All feedback will be recorded and included in the final project report at the end of the pilot in 2020.

### — Is it safe?

Yes. The shuttle follows a pre-determined route, but reacts in real-time to other vehicles, pedestrians, etc. This is a Level 4 High driving automated vehicle, meaning the vehicle is capable of performing all driving tasks within specific conditions (such as only in daytime, or within a specific neighborhood), with no expectation that a driver will be asked to intervene when the vehicle is operating in those conditions. The shuttle operates at up to 15 miles per hour.

### — Why are you doing this?

The Utah Transit Authority is exploring ways to enhance its transit services and customer experience using connected and autonomous vehicles (CAVs). Autonomous shuttles may, in the future, complement Utah's transit system as First/Last Mile connections and low-speed community circulators. UTA is also interested in building awareness among riders and the public about highly automated vehicles.

UDOT's Advanced Traffic Management System (ATMS) is robust and ready to adapt Vehicle to Infrastructure (V2I) communication to enhance transportation safety and efficiency. This shuttle deployment allows for that interface to be explored and enhanced, including understanding how these vehicles will interface with traffic signals, increasing our readiness for autonomous technologies that will follow.

— What does it cost?

It is free to ride.

— Is the vehicle accessible?

Yes. For those who may have mobility challenges, an automated ramp is available to assist in boarding. The shuttle can be configured with automatic internal and external stop announcements as well.

— Will the AV shuttle run in street traffic?

Yes. The shuttle will only drive in pre-designated locations on approved sites. It may operate on public roads and in low-speed traffic.

 SHARE YOUR COMMENTS

For more information on the AV Shuttle Pilot please contact [info@avshuttleutah.com](mailto:info@avshuttleutah.com).

 @RideUTA | @UtahDOT

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# Photo Gallery

We want your feedback.

What do you think of a completely autonomous vehicle?

 [SHARE YOUR COMMENTS](#)



CANYONS VILLAGE  
(10 PHOTOS)



STATION PARK - FARMINGTON  
(6 PHOTOS)



1950 BUSINESS PARK  
(6 PHOTOS)



U OF U CAMPUS  
(4 PHOTOS)



MOUNTAIN AMERICA EXPO CENTER  
(11 PHOTOS)



STATE CAPITOL  
(5 PHOTOS)



ST. GEORGE  
(6 PHOTOS)

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# Photo Gallery

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What do you think of a completely autonomous vehicle?

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## PHOTO GALLERY > STATION PARK - FARMINGTON



20190610\_115304 (Jun 10, 2019)



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# Tour Schedule



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Expand All

JANUARY 2020	Mountain America Expo Center	▼	 LOCATION PHOTOS
FEBRUARY 2020	Dixie Transportation Expo	▼	 LOCATION PHOTOS
MARCH 2020	Utah State Capitol	▼	 LOCATION PHOTOS
JULY - SEPTEMBER 2020	University of Utah	▼	 LOCATION PHOTOS
2019	Past Tours	▼	

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# Tour Schedule



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[SHARE YOUR COMMENTS](#)

Hide All

JANUARY 2020 Mountain America Expo Center

**Mountain America Expo Center**  
9575 State St.  
Sandy, UT 84070

[DIRECTIONS](#)



[View enlarged image of tour route \(Opens in a new window\)](#)

[LOCATION PHOTOS](#)

### Other Details:

Visitors to the Mountain America Expo Center will get the opportunity to ride the autonomous shuttle October - January. The AV shuttle will be on-site for the events listed below. Don't miss the opportunity to take a ride!

### 2020 Marketplace Events Salt Lake Home Show

- Friday, January 10, 2020  
2:00 PM - 8:00 PM
- Saturday, January 11, 2020  
11:00 AM - 6:00 PM
- Sunday, January 12, 2020  
11:00 AM - 6:00 PM

### 2020 Rocky Mountain Gun Show

- Saturday, January 11, 2020  
11:00 AM - 6:00 PM
- Sunday, January 12, 2020  
11:00 AM - 6:00 PM

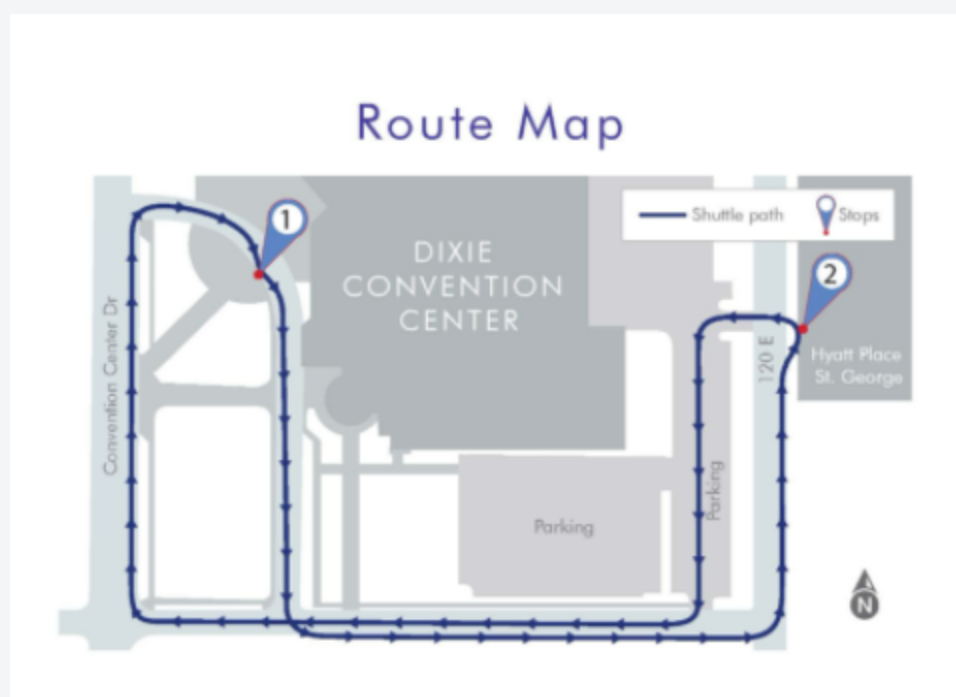
### 2020 Utah International Auto Expo

- Friday-Monday, January 17, 2020  
11:00 AM - 6:00 PM

FEBRUARY 2020 Dixie Transportation Expo

**Dixie Convention Center**  
1835 Convention Center Dr  
St. George, Utah 84790

[DIRECTIONS](#)



[View enlarged image of tour route \(Opens in a new window\)](#)

[LOCATION PHOTOS](#)

### Other Details:

Join UTA and UDOT at the Dixie Transportation Conference and take a ride on the AV shuttle. Visit the UTA/UDOT booth at the conference and give us your feedback on what you think of AV and connected technology.

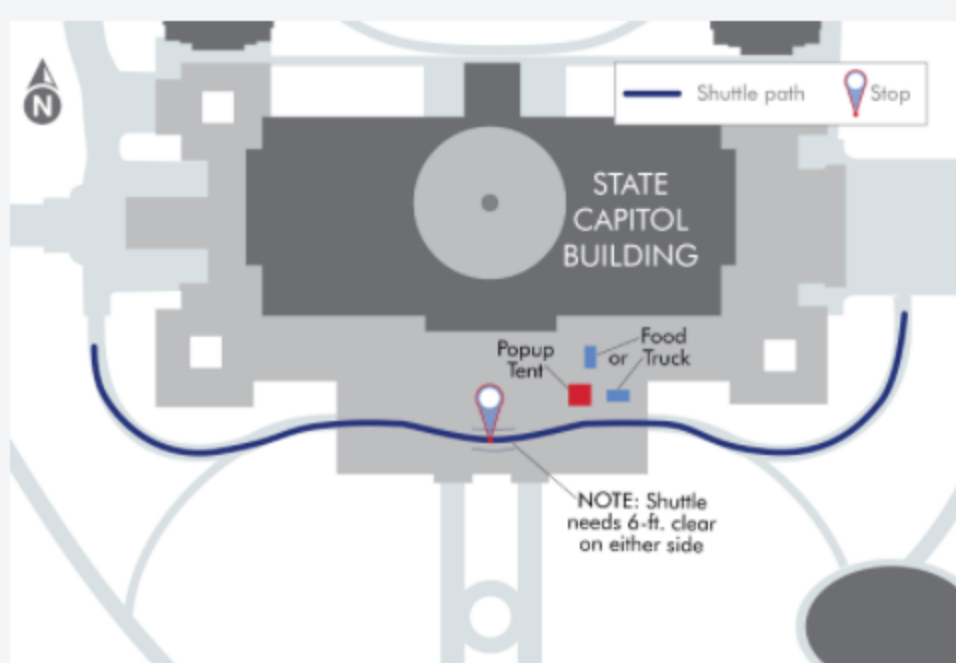
### Hours of Operation:

- Tuesday, February 11, 2020  
11:30 AM - 12:00 PM - *Local officials speak and kick off rides to the public*
- Tuesday, February 11, 2020  
12:00 PM - 6:00 PM
- Wednesday, February 12 and Thursday, February 13, 2020  
11:00 AM - 5:00 PM

MARCH 2020 Utah State Capitol

**Utah State Capitol**  
350 North State St.  
Salt Lake City, UT 84103

[DIRECTIONS](#)



[View enlarged image of tour route \(Opens in a new window\)](#)

[LOCATION PHOTOS](#)

### Other Details:

Join UTA and UDOT at the Utah State Capitol. The shuttle will run from 11:00 AM - 2:00 PM and you'll have the opportunity to speak with the project managers for more details of the AV Shuttle Pilot.

### Hours of Operation

#### Transit Day on the Hill

- Tuesday, March 3, 2020  
11:00 AM - 2:00 PM

JULY - SEPTEMBER 2020 | University of Utah

University of Utah  
Student Life Way  
Salt Lake City, UT 84112

[DIRECTIONS](#)



View enlarged image of tour route (Opens in a new window)

[LOCATION PHOTOS](#)

#### Other Details:

The autonomous shuttle is back on the U of U campus! Safety is our top priority and we are implementing new COVID-19 cleaning and safety procedures appropriate for the current risk phase, they include:

- Masks are required for riders
- No more than 4 riders on the shuttle at a time (this includes the operator)
- Operators will consistently be disinfecting seats, public areas, buttons, handles and other surfaces
- Windows will remain open during operation

#### Hours of Operation:

- July 6 - September 4, 2020  
9:00am - 3:00pm  
Monday through Friday

\*Shuttle will not operate on July 24th

2019 | Past Tours

#### May 2019: Canyons Village at Park City

4000 Canyons Resort Dr., Park City, UT 84090

- May 20-23, 2019

[LOCATION PHOTOS](#)

#### June 2019: Station Park

130 N. Union Ave., Farmington, UT 84025

- June 13-15, 2019
- June 18, 2019 - July 6, 2019

[LOCATION PHOTOS](#)

#### July - August 2019: Business Park

1950 West North Temple, Salt Lake City, UT 84116

- July 15, 2019 - Friday, August 2, 2019

[LOCATION PHOTOS](#)

#### August - September 2019: University of Utah

1836 Student Life Way, Salt Lake City, UT 84112

- Student Life Way Campus Rides

[LOCATION PHOTOS](#)

#### October - December 2019: Mountain America Expo Center

9575 State St., Sandy, UT 84070

- October 2019
  - 2019 AWA Public Works Conference & Stormwater Expo
  - 2019 Utah STEM Fest
  - 2019 Senior Expo
  - 2019 Rocky Mountain Gun Show
  - 2019 Utah Snow Show
- November 2019
  - 2019 Pinners Conference
  - 2019 UDOT Conference
  - 2019 Crossroads of the West Gun Show
  - 2019 Showcase Events Salt Lake City Family Christmas Gift Show
- December 2019
  - 2019 Primary Children's Festival of Trees

[LOCATION PHOTOS](#)

#### December 2019: Utah State Capitol

350 North State St., Salt Lake City, UT 84103

- Interim Legislative Sessions



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# Feedback

The autonomous shuttle pilot is the technology testing period. During this period different types of data will be collected, including feedback from the public. We want to know what you think of autonomous vehicles, how it could be applied in Utah, and what your experience was like riding the shuttle.


[Take the survey](#)


[Submit a comment](#)


If you would like to be entered into a drawing for providing your feedback, please include your email address. You could win gifts cards to Starbucks™, IHOP™, McDonalds™, or a FAREPAY™ card. Drawings will be held once a month.

Thank you for sharing your feedback!

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