



### DID YOU KNOW?

73% of corridor residents are eager to ride an autonomous shuttle!

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#### ISSUE 8

Six projects.

One fully connected corridor.

Welcome to **INNOVATE 680!**



# INNOVATE 680 News

## New Pilot Projects to Get Riders & Drivers on the Move

We're excited to announce the rollout of two new pilot projects that bring smart, reliable, and accessible transportation solutions to Contra Costa County – including our first-ever deployment of shared autonomous vehicles (SAVs). This introduction of SAVs marks the launch of our agency-operated transit service—called PRESTO—which will expand to include express buses later this year. The Bishop Ranch SAV and Mobility-As-A-Service (MAAS) pilot projects will allow community members to experience the convenience, efficiency, and safety of our autonomous shuttles, seamless trip-planning tools, and other integrated ways to travel.

In the coming months, we will roll out low-speed PRESTO shuttles at the Bishop Ranch Business Park in San Ramon, California. The site's 30,000 employees, miles of private roadways and large parking lots make it the ideal location for testing shuttle operations. Our PRESTO shuttles will be free and open to the public and can be requested through an app for pickups at designated stops or anywhere along the shuttle routes.

Also coming soon, our MAAS project will test the integration of multiple modes of travel into a single mobile application. This app, called 680 FORWARD, will provide users with real-time, multimodal trip-planning options and resources, including traffic data, mode availability information, incentive options, and more.

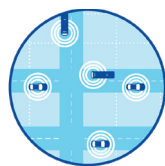
*Look out for more details about these pilots!*

# Project Updates



## MOBILITY-AS-A-SERVICE

Our team continues to refine the 680 FORWARD app based on findings from our beta testing phase. Before the pilot launch, we're also tackling some of the app's advanced features that support the ability to hail autonomous shuttles and hold vehicles at transfer points for connecting passengers. Learn more about the mobile app on our [project website](#).



## AUTOMATED DRIVING SYSTEMS

With driverless tech company Beep on board as the autonomous shuttle operator, our team is working with the city of San Ramon to prepare for the launch of our autonomous shuttle pilot at Bishop Ranch Business Park. We'll have more information to share soon! In the meantime, take a look at the [project website](#) for about how and where the shuttles will serve other Contra Costa communities.



## SHARED MOBILITY HUBS

Our final report detailing three different hub designs and evaluations of potential hub sites is complete. We are now working to secure a location for the county's first hub and seeking funds to support hubs in two other locations! Check out our [last newsletter](#) to learn about the hub coming to San Ramon.



## PART-TIME TRANSIT LANES

As part of the Project Initiation phase, our team is finalizing the project's scope, cost, and schedule in coordination with Caltrans. With grant funds from the California State Transportation Agency (CalSTA), our team and local transit operators County Connection and Wheels are preparing for testing and bus driver training at GoMentum Station. Learn more about the I-680 Express Bus Program [here](#).



## ADVANCED TECHNOLOGIES

Our team is coordinating with Caltrans and other project partners on the design and implementation of the technology at the heart of INNOVATE 680. Projects like Coordinated Adaptive Ramp Metering and Coordinated Adaptive Traffic Signals rely on good data, some of which will come from the Infra-Red Traffic Logger (TIRTL). What is TIRTL, you ask? Watch our bite-sized [video](#).



## EXPRESS LANE COMPLETION

We are working with Caltrans to finalize our study of alternatives for completing the northbound express lane. Different strategies, which include options like lane realignment, ramp construction, and carpool lane conversion, will be packaged in different ways to close the gap. To stay up to date on express lanes, check out our [project website](#).



## WAVE 2 OF OUR USER ANALYSIS SURVEY IS COMPLETE

At the end of 2022, we conducted a follow-up survey to our innovative behavioral research on travel within the I-680 corridor. We decided to conduct a second wave of the survey so we could dig deeper into some of the responses from Wave 1, see how beliefs and behavior changed over the past two years, and gather new information. Some of the new viewpoints and information we asked for in Wave 2 include ideas for improving transportation, local and regional travel habits, and perceptions of new congestion relief strategies, like bus rapid transit on major roadways.

*Stay tuned to learn what we discovered!*

If you would like to contribute to future research, please complete **this form**.

