

STAFF REPORT

SUBJECT: Shared Autonomous Vehicle Pilot Project Update
FROM: Jonathan Steketee, Customer Service and Contract Compliance Manager
DATE: November 26, 2018

Action Requested

None – information only.

Background

LAVTA initiated a pilot Shared Autonomous Vehicle (SAV) project in 2017. The goal of the pilot is to test and deploy a SAV in a real world application, to include mixed use traffic on public roadways. The area around the Dublin BART station was identified as an appropriate testing ground for the SAV and LAVTA subsequently contracted with GoMentum to acquire an SAV on behalf of LAVTA for testing.

Discussion

The SAV project has been a challenge for LAVTA and its partners. The following is a brief summary of actions taken since the update to the Board of Directors on November 5th, 2019:

Testing Site

AAA is in the process of mobilizing with EZ10 SAV manufacturer EasyMile to digitally map the test area for the SAV unit. Additionally, AAA is mobilizing to gain permits to install signage at the testing site as required by law.

Storage Location

AAA is waiting on quote from BART to improve the area for the storage facility and utilities. In the meantime, a plan to transport LAVTA's SAV to and from the testing site to a temporary storage facility with utilities is in the works so testing can begin.

Testing Timeline

On-site testing of the SAV is not likely for November although AAA is still working towards that goal. Staff has requested an updated timeline from AAA/GoMentum and has been actively engaged in working toward a solution to move the project into testing at the project site, including the possibility of having an alternative firm take over the project.

Recommendation

None – information only.