

To: Administration and Finance Committee

Date:

From: Rashidi Barnes
Dir. Of Shared Mobility and Innovation

Reviewed by:

SUBJECT: Shared Autonomous Vehicle project agreement between County Connection and Livermore Amador Valley Transportation Authority.

Background

AB 1444, introduced by Assembly Member Baker, allows Livermore Amador Valley Transit (LAVTA) to demonstrate a shared autonomous vehicle (SAV) on public roads for testing purposes. This bill authorizes LAVTA to test a vehicle that does not have a driver seated in the driver's seat and is not equipped with a steering wheel, a brake pedal, or an accelerator. This bill would make these provisions inoperative on May 1, 2018, and would repeal it as of January 1, 2019.

Interagency Agreement

This agreement is intended to facilitate a symbiotic development and evaluation program that will meet the public transportation needs of CCCTA and LAVTA's service population. Furthermore, it underscores each party's willingness to work together with the underlying goal of increasing the areas public transportation options through innovation, reducing congestion along the I-680 corridor and increase interagency connectivity to support a seamless transportation ecosystem.

Partnership Roles

LAVTA has secured a grant from the Bay Area Air Quality Management District (BAAQMD) to develop, evaluate and deploy SAV technology for FM/LM connections to major transit nodes that will help reduce greenhouse gas emissions. Project management of the program will be provided by Rashidi Barnes, Director of Innovation and Shared Mobility, CCCTA, as an in-kind donation to the project.

CCCTA and LAVTA agree that the SAV is to first be deployed in Dublin as previously planned by LAVTA and required by AB 1444. Future deployment of SAV's will focus the FM/LM commuting challenges of the I-680 Transportation corridor.

Financial Impact

Staff time as an in-kind donation

Recommendation

None at this time.