

STAFF REPORT

SUBJECT: MOU with Central Contra Costa Transit Authority

FROM: Michael Tree, Executive Director

DATE: October 2, 2017

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**Action Requested**

Receive staff report and approve MOU with Central Contra Costa Transit Authority.

**Background**

LAVTA has several innovative projects in its work plan, including the Shared Autonomous Vehicle (SAV) project in the City of Dublin. AB 1444, which allows LAVTA to test SAVs on public streets in Dublin was recently approved by the State Legislature and has been sent to the Governor for signature. Staff has been working with key strategic partners, including the Bay Area AQMD, Contra Costa Transportation Authority, GoMentum, Stantec, and EasyMile to ensure that testing begins in the early spring of 2018.

**Discussion**

Recognizing the limitations of LAVTA’s staffing, and the benefits that can come from strong partnerships and alliances, LAVTA management is recommending a partnership with Central Contra Costa Transit Authority (CCCTA), operators of County Connection, to manage both LAVTA’s SAV program and CCCTA’s envisioned SAV program.

In short, LAVTA through its grant with the Bay Area AQMD, has approximately \$1 million in funding towards the LAVTA SAV project in Dublin. CCCTA has recently appointed a Director of Innovation and Shared Mobility, Rashidi Barnes, who has the ability to manage both the LAVTA SAV project and an envisioned CCCTA project, allowing a synergy of time and talent that will ultimately allow the LAVTA and CCCTA projects to merge in a joint effort to use SAVs as a first/last mile solution to quality transportation along the I-580/I-680 corridors.

Attached is a draft MOU that has been created to recognize the partnership.

**Fiscal Impact**

The MOU envisions that CCCTA will fund the agency’s Director of Innovation and Shared Mobility as an in-kind financial contribution to the partnership.

**Recommendation**

The Finance and Administration Committee recommends the Board approve the MOU with Central Contra Costa Transit Authority.

Attachments:

1. Memorandum of Understanding between LAVTA and CCCTA
2. Resolution 33-2017

*Approved:* \_\_\_\_\_

MEMORANDUM of UNDERSTANDING  
BETWEEN

Central Contra Costa Transit Authority and the Livermore Amador Valley Transit Authority

This Memorandum of Understanding (MOU) by and between County Connection (CCCTA) and the Livermore Amador Valley Transportation Authority (LAVTA), both joint powers authorities, acknowledges the mutual goal of the development, evaluation and potential operation of Shared Automated Vehicle (SAV) Technology for the purposes of mass transit. 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-580/I-680 corridors and increased interagency connectivity to support a seamless transportation network.

**RECITALS**

**WHEREAS**, CCCTA, a public transportation authority that provides fixed-route and paratransit bus service throughout the cities of Concord, Pleasant Hill, Martinez, Walnut Creek, Clayton, Lafayette, Orinda, Moraga, Danville, San Ramon, as well as unincorporated communities in Central Contra Costa County; and

**WHEREAS**, LAVTA, a public transportation authority that provides fixed-route and paratransit bus service throughout the cities of Dublin, Livermore, Pleasanton, and in unincorporated areas of Alameda County; and

**WHEREAS**, CCCTA and LAVTA have the expertise in providing safe, affordable and reliable public transportation choices within their respective service areas; and

**WHEREAS**, CCCTA and LAVTA are dedicated to the development of SAV technology for Mobility-On-Demand (MOD) to solve first mile/last mile (FM/LM) commuting challenges by connecting residents to public transportation options via SAV's; and

**WHEREAS**, 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 reduce greenhouse gas (GHG) emissions; and

**THEREFORE**, furtherance of this MOU and with consideration of mutual covenants, CCCTA and LAVTA, all parties agree to the following:

**AGREEMENT**

- i. CCCTA and LAVTA agree to partner on the development and evaluation of a SAV public transportation option for future use within their respective service areas. This

includes but is not limited to, the evaluation of innovative technologies needed to meet the goals of working within the connected vehicle environment.

- ii. 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.
- iii. The decision-making process for the development and evaluation of the project phases will involve both the CCCTA and LAVTA.
- iv. Any financial reporting and invoicing, required by BAAQMD, will be administered by LAVTA.
- v. CCCTA is committed to identifying additional funding if needed to continue the development and evaluation of SAV's, if needed.
- vi. CCCTA and LAVTA agree that the SAV is to first be deployed in Dublin as previously planned by LAVTA.
- vii. Future deployment of SAV's will focus the FM/LM commuting challenges of the I-580/I-680 Transportation corridors.
- viii. CCCTA and LAVTA agree to communicate and meet continuously throughout the program to keep the project on track and to prepare for implementation of adopted recommendations in a timely manner.
- ix. All data will be shared between both entities to ensure transparency and inclusion for better understanding to programs failures and success.
- x. CCCTA and LAVTA agree to announce publicly this partnership jointly.
- xi. At the conclusion of the program evaluation and the adoption of recommendations by both entities, staff will work collaboratively to implement recommendations. At that time, the parties may consider entering into a new MOU to further this collaborative process.

This understanding will be in effect October 2, 2017 through June 30, 2020. If changes to the above procedures are required of either party, written notice will be provided.

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Rick Ramacier, General Manager  
County Connection

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Michael Tree, Executive Director  
Livermore Amador Valley Transportation  
Authority

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Date

Date

**RESOLUTION NO. 33-2017**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY  
APPROVING A MEMORANDUM OF UNDERSTANDING WITH THE  
CENTRAL CONTRA COSTA TRANSIT AUTHORITY (CCCTA) FOR THE  
DEVELOPMENT, EVALUATION AND POTENTIAL OPERATION OF SHARED  
AUTONOMOUS VEHICLE (SAV) TECHNOLOGY FOR THE PURPOSES OF  
MASS TRANSIT**

**WHEREAS**, LAVTA, a public transportation authority that provides fixed-route and paratransit bus service throughout the cities of Dublin, Livermore, Pleasanton, and in unincorporated areas of Alameda County; and

**WHEREAS**, CCCTA, a public transportation authority that provides fixed-route and paratransit bus service throughout the cities of Concord, Pleasant Hill, Martinez, Walnut Creek, Clayton, Lafayette, Orinda, Moraga, Danville, San Ramon, as well as unincorporated communities in Central Contra Costa County; and

**WHEREAS**, CCCTA and LAVTA have the expertise in providing safe, affordable and reliable public transportation choices within their respective service areas; and

**WHEREAS**, CCCTA and LAVTA are dedicated to the development of SAV technology for Mobility-On-Demand (MOD) to solve first mile/last mile (FM/LM) commuting challenges by connecting residents to public transportation options via SAV's; and

**WHEREAS**, 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 reduce greenhouse gas (GHG) emissions; and

**WHEREAS**, the CCCTA has a Director of Innovation and Shared Mobility and has agreed to work in-kind as the project manager for LAVTA's SAV project to represent both LAVTA's and CCCTA's best interests; and

**WHEREAS**, LAVTA and CCCTA staff have cooperatively finalized the MOU for the project.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Livermore/Amador Valley Transit Authority that the Executive Director may enter into a MOU with CCCTA for this project.

**PASSED AND ADOPTED** this 2<sup>nd</sup> day of October 2017

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Karla Brown, Chair

**ATTEST:**

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Michael Tree, Executive Director

**APPROVED AS TO FORM:**

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Michael Conneran, Legal Counsel