

STAFF REPORT

SUBJECT: Agreement with GoMentum Station for Management of Shared Autonomous Vehicle Project

FROM: Michael Tree, Executive Director

DATE: February 5, 2018

Action Requested

Approve Agreement with GoMentum Station for Management of the Shared Autonomous Vehicles (SAV) project.

Background

Over the past several years, there has been significant research and advancement in autonomous vehicle products. Private companies and automobile manufacturers have been testing autonomous vehicles with impressive results for a number of ready-to-market products, such as SAV shuttles.

In connection with the Comprehensive Operations Analysis of the Wheels bus system in 2015, Supervisor Haggerty suggested that LAVTA consider undertaking an SAV project in an effort to improve future public transportation in the Tri-Valley. On June 6, 2016, after research on a potential project with GoMentum Station that included a partnership with the Bay Area Air Quality Management District (BAAQMD) to fund the project, the LAVTA Board gave direction to staff to bring back agreements necessary to initiate an SAV project in the City of Dublin. Several goals discussed for the project once passenger service is achieved include: increase ridership for the LAVTA bus system and BART, create new transit jobs, increase in farebox recovery, shift from single occupant vehicle trips to transit trips, with a corresponding reduction in emissions, and improve trip reliability and safety.

In the 2017 legislative cycle in Sacramento, Assemblymember Baker authored AB 1444, which allows LAVTA to operate SAVs on public roadways in the City of Dublin through April of 2018. The legislation provides the first opportunity for a public transit agency to operate SAVs on public streets in California. In the fall of 2017, the legislation was signed into law by Governor Brown after strong bi-partisan support in the legislature. It is expected that new DMV regulations on autonomous vehicles will be effective before the May 1, 2018 sunset date to allow the LAVTA SAV Project to continue testing.

In November of 2017, the LAVTA Board entered into an MOU with Central Contra Costa Transit Authority (County Connection) to partner on the future SAV project. The purpose of

the MOU was to establish the Director of Innovation and Shared Mobility at County Connection as the lead on the SAV project for the two transit agencies.

In December of 2017, the LAVTA Board approved a Bus Advertising Service Contract with the BAAQMD for the purpose of funding the SAV project. The bus advertising will result in \$80,500 per quarter, or \$322,000 per year, for a total of \$966,000 over three years. In return for the funding, which will be used for the SAV project, LAVTA is providing space for the BAAQMD to advertise a Spare the Air message on seven Wheels buses.

Finally, in January 2018, the Board appointed two Board Members, Supervisor Haggerty and Councilmember Don Biddle, to serve on an SAV Steering Committee with two Board Members from County Connection.

Discussion

A critical next step in the LAVTA SAV Project is the approval of an Agreement with GoMentum Station, Inc., a California non-profit public benefit corporation. GoMentum Station launched a comprehensive Autonomous Vehicle (AV) Program in Northern California to foster research and innovation with AV technology for public safety and mobility benefits.

Currently, GoMentum Station has an agreement with Contra Costa Transportation Authority (CCTA) to perform program management, including the facilitation of collaborative partnerships among multiple automobile manufacturer partners; original equipment manufacturers; traffic control and communications suppliers; technology companies; researchers and academia; transit operators and public agencies involved in research and implementation of autonomous vehicle technology.

In 2016, GoMentum Station launched a comprehensive program to demonstrate and deploy SAV technology to solve first/last mile commuting challenges in Contra Costa County. Through work with GoMentum Station partners, GoMentum Station will develop and test SAV technology at GoMentum Station Testbed at the former Concord Naval Weapons Station and Bishop Ranch.

The attached Agreement with GoMentum Station establishes GoMentum Station as the overall Program Manager for the LAVTA SAV Project (Project) in the City of Dublin. As Project Manager, GoMentum Station will manage all administrative, procurement and financial activities related to the Project, including the planning, design and testing activities associated with LAVTA's Project.

Through this Agreement, GoMentum Station will break the project into two phases. Phase One will be conducted from January 2018 through April 2018 and will include (1) the procurement of an SAV for the Project, (2) coordination of all necessary permits with USDOT, US Customs, NHTSA, DMV and City of Dublin, (3) securement of a storage facility and utilities for the SAV in Dublin, (4) digital mapping of project area as shown in Exhibit A of Agreement, (5) installation of communication devices at intersection and on roadways, and (6) testing of SAV to a full-confidence level for the SAV operating movements to be performed during a ribbon cutting/project kick-off celebration with the community.

Phase Two will include testing of the SAV to a full-confidence level on a variety of testing scenarios necessary for the SAV technology to be ready for passenger service (see Exhibit B of Agreement). During the testing, LAVTA will receive regular updates on the progress of the testing and will receive assistance in acquiring additional funding towards the completion of all required testing before placing SAVs into passenger service.

Realizing that the Project is new technology, and a variety of obstacles and delays will likely surface during the project, LAVTA's goal is to work with GoMentum Station throughout the Project, and to see testing scenarios completed for passenger service within the next five years, which will require subsequent Agreements between LAVTA and GoMentum Station and new funding for the Project.

Fiscal Impact

The Agreement requires that LAVTA provide a non-refundable advance payment of \$250,000 for SAV acquisition on or before the arrival of the SAV from manufacturer EasyMile. An additional payment of \$243,365 is due upon delivery for first year costs related to SAV procurement, licensing and use. A second payment of \$17,000 is due on the first anniversary of the vehicle delivery for GPS subscription and insurance. Finally, quarterly payments of \$29,000 for ten quarters for Project Management is required, as well as eight quarterly payments of \$20,705 to cover Operational Costs. The total payments over the life of the two year contract equal \$966,005, which is approximate to the funds that will be received by LAVTA from the BAAQMD Advertising Contract. See Exhibit C of the Agreement for a breakdown of costs for the first two years of Project.

It should be noted that the value of the Project, as identified in Exhibit C of the Agreement, is \$1,928,005, with GoMentum Station contributing \$962,000 in services to the Project in planning, design and testing activities.

Recommendation

Staff recommendation is to approve the Agreement with GoMentum Station for Management of the Shared Autonomous Vehicles (SAV) project in a form to be approved by Legal Counsel.

Attachments:

1. GoMentum Service Agreement
 - a. Exhibit A
 - b. Exhibit B
 - c. Exhibit C
2. Resolution 04-2018

Submitted: _____

INITIAL AGREEMENT FOR PARTICIPATION IN CCTA'S GOMENTUM STATION PROGRAM – SHARED AUTONOMOUS VEHICLE PROJECT

This **Initial Agreement**, effective as of _____, 2018 ("the Effective Date"), is made by and between **Livermore Amador Valley Transit Authority** ("LAVTA"), a public transit operator located in Livermore, California, and **GoMentum Station, Inc.**, a California non-profit public benefit corporation ("GoMentum Station") (collectively "the Parties"), with reference to the following:

RECITALS

WHEREAS GoMentum Station, a Section 501(c)(3) non-profit organization, as Program Manager, launched a comprehensive Connected Vehicle/Autonomous Vehicle (CV/AV) Program in Northern California to foster research and innovation in the field of CV applications and AV technologies for public safety and mobility benefits; and

WHEREAS GoMentum Station has an agreement with the Contra Costa Transportation Authority (CCTA) to perform various program management and financial services including but not limited to the collection of PARTNER contributions, management of funds, payment of invoices and program expenses, and development of financial statements, and

WHEREAS GoMentum Station is facilitating a collaborative partnership among multiple automobile manufacturer partners (AM PARTNERS); Original Equipment Manufacturers (OEMs) and Tier 1 suppliers; traffic control and communications suppliers; technology companies; researchers and academia; transit operators; and public agencies (collectively referred to as "PARTNERS") involved in research, implementation and regulation of CV/AV applications and technologies to plan, develop and implement the GoMentum Station CV/AV Program; and

WHEREAS, GoMentum Station launched a comprehensive program in

September 2016 to demonstrate and deploy Shared Autonomous Vehicle (SAV) technology for Mobility-On-Demand (MOD) to solve first mile/last mile (FM/LM) commuting challenges in Contra Costa County and beyond in next 5 years; and

WHEREAS, through work with PARTNERS and the FM/LM Pilot Project ("FM/LM Project"), the SAV technology will be developed and tested at GoMentum Station Testbed and Bishop Ranch with the goal of introducing of FM/LM SAV technology into the market in the next eighteen (18) months; and

WHEREAS, LAVTA has expertise in providing safe, affordable and reliable public transportation choices, increasing the mobility of and improving the quality of life of those who live or work in and visit the Tri-Valley area in Alameda County; and

WHEREAS, the Legislature has enacted AB 1444, which provides authority for testing SAVs in Dublin through May 1, 2018; and

WHEREAS, LAVTA has expressed an interest in the acquisition, testing and deployment of EasyMile SAV in Dublin for FM/LM connections in collaboration with GoMentum Station leveraging on the GoMentum Station SAV project.

THEREFORE, in consideration of mutual covenants contained herein, GoMentum Station and LAVTA agree to the following:

AGREEMENT

I. GoMentum Station Commitments, Roles and Responsibilities:

1. GoMentum Station will serve as the overall Program Manager, accelerator, and facilitator for all activities related to SAV FM/LM project ("Project").
2. Mr. Jack Hall, Project Manager of GoMentum Station, or his designee will serve as the single point-of-contact for all Project activities. LAVTA staff shall coordinate all activities through Jack Hall.

Mr. Jack Hall, P.E.
GoMentum Station Inc.
CV/AV Project Manager

1475 North Broadway
Walnut Creek, California 94956
jack@gomentumstation.net

3. Manage all administrative, procurement and financial activities related to the Project on a regular basis for next 24 months.
4. In conjunction with current GoMomentum Station SAV project activities, perform required program management, planning, design and testing activities associated with the Project in Dublin, including but not limited to the following:

PHASE I: Pre-Ribbon Cutting Ceremony (January 2018 through April 2018)

- a. Manage securement of appropriate approval from NHTSA and DMV for testing in downtown Dublin, leveraging on current project approval in San Ramon and legal authority granted in AB 1444.
- b. Manage procurement and import of one SAV for pilot project testing in Dublin, including coordination with EasyMile, EPA, USDOT, US Customs, NHTSA and DMV. The SAV shall be provided for a minimum of two years, with the understanding that, as a test vehicle, it may not be put into commercial service.
- c. Development of a 'Work Plan' for all phases of testing that describes how to address operations, safety processes, and security as well as handling of exceptions, emergencies and recovery in a variety of scenarios. This shall also include identification of risks and strategies for mitigation and include a plan to protect vulnerable road users from conflict with the SAV.
- d. Initiate and obtain necessary PUBLIC AGENCY review and approvals/permits of FM/LM Project testing with developed test plans and requirements for LAVTA in Dublin.
- e. Secure storage facility and utilities for the SAV in Dublin during the testing period.
- f. Map environment in testing area (Exhibit A).

- g. Installation of communication devices at intersections and on roadways.
- h. Testing of SAV to a full-confidence level for the SAV operating movements to be performed during ribbon-cutting celebration.

PHASE II: Post Ribbon Cutting Ceremony (May 2018 to December 2020)

- a. Begin testing to full-confidence level on 28 test cases. List of test cases by Category, Name and Description is included in Exhibit B.
 - b. Monitor and validate test cases/program and activities. Report on a monthly basis testing activities and results to LAVTA.
 - c. Assist LAVTA with development of FM/LM additional, future pilot test cases in controlled downtown Dublin environment, should funding becoming available.
5. Event coordination and scheduling - Ensure coordination amongst GoMentum Station FM/LM pilot project partners, other partners and appropriate public agencies (i.e., EasyMile, First Transit, City of San Ramon, Dublin and Bishop Ranch).
 6. Assist with Public Outreach and Communications – Including but not limited to development of Public Outreach Plan, project grand opening, preparation of marketing materials and participation in potential legislative and regulatory activities.
 7. GoMentum Station reserves the right to announce publicly the partnership with LAVTA, subject to review and approval of press release and other communication materials by LAVTA.
 8. GoMentum will update its website to include LAVTA as a Partner with a link to LAVTA's webpage.

II. LAVTA'S Commitments, Roles and Responsibilities:

1. Sign a confidential Non-Disclosure Agreement (NDA) with GoMentum Station and other PARTNERS (if needed), which will be subject to all applicable public record disclosure requirements.
2. Follow the protocol established above and coordinate all activities through Mr. Jack Hall, the GoMentum Station Project Manager.

3. LAVTA point of contact or his designee for duration of this agreement:

Michael S. Tree
Executive Director
Livermore Amador Valley Transit Authority
2500 Railroad Avenue
Livermore, CA 95444
mtree@lavta.org
925-455-7564

4. Submit all requests related to Project to Mr. Jack Hall for coordination with cities of Concord and San Ramon, Bishop Ranch and other PARTNERS.
5. Participate in regular monthly SAV project management meeting and provide requested resources for pilot project participation and SAV pilot project PARTNERS.
6. Participate in regular meeting or conference calls with GoMentum Station SAV Project Management.
7. Contribute to the awareness and public education of SAV technologies by informing CCTA/LAVTA's customers of FM/LM advances.
8. LAVTA agrees to the following schedule of payments, based on the amounts shown on Exhibit C:
 - a. Non-refundable advance payment of \$250,000 for vehicle acquisition on or before the arrival of one EasyMile SAV for testing in Dublin. Vehicle shall be available for at least 24 months of testing, with option for buy-back by EasyMile at end of term.
 - b. Additional payment of \$243,365 upon delivery of the EasyMile SAV. This payment represents the first year costs related to vehicle procurement, licensing and use. A second payment of \$17,000 shall be due on on the first anniversary of the vehicle delivery to cover the second year costs for the GPS subscription and insurance.

- c. Quarterly payments of \$ 29,000 for ten quarters for project management services from May 1, 2018 through October 31, 2020. This amount shall be inclusive of all labor, materials, equipment, overhead, and services required under this agreement.
 - d. Operations costs of \$165,640 for twenty-four months, paid in eight quarterly payments of \$ 20,705 in advance, commencing upon delivery of vehicle.
 - e. In-kind services (TBD). LAVTA will track its expenditures for in-kind services and allow GoMentum to use these expenditures as “soft match” for potential future grant opportunities for LAVTA and GoMentum Station SAV project.
9. Support efforts by CCTA/GoMentum Station and other PARTNERS to secure additional public grant funding or private contributions for future phases of FL/LM Project in Contra Costa and Alameda Counties.
 10. Enter into a subsequent written agreement with CCTA/GoMentum Station or cooperative agreement with CCTA, if necessary, for the administration of other grant funds.
 11. Sponsor a demo and support for GoMentum Station’s fourth Annual Summit scheduled for March 29, 2018 in Bishop Ranch, San Ramon California.
 12. LAVTA will provide the agency logo to GoMentum Station for use in all brochures, website and materials.
 13. Assist with providing storage facility for SAV in Dublin in coordination with the City of Dublin during the testing period.

II. Mutual Commitments, Roles and Responsibilities:

1. LAVTA may terminate this agreement upon 30 days' written notice. GoMentum Station shall be compensated in accordance with the provisions of II.8, above, for the services performed and expenses incurred to the date of such termination, plus any costs and expenses of termination that are reasonably and necessarily incurred in accordance with the terms of this Agreement.

2. It is understood that the risk of operating the SAV is to be borne by a

third-party operator and that insurance and indemnity protections reasonably acceptable to LAVTA and GoMentum will be in place prior to the operation or testing of the SAV. At a minimum, these terms shall satisfy the requirements of AB 1444.

Each individual signing this agreement warrants that he or she is duly authorized to enter into this agreement on behalf of the entity for which he or she signs.

IN WITNESS WHEREOF, the undersigned have executed this agreement as of the Effective Date written above.

Dated: _____

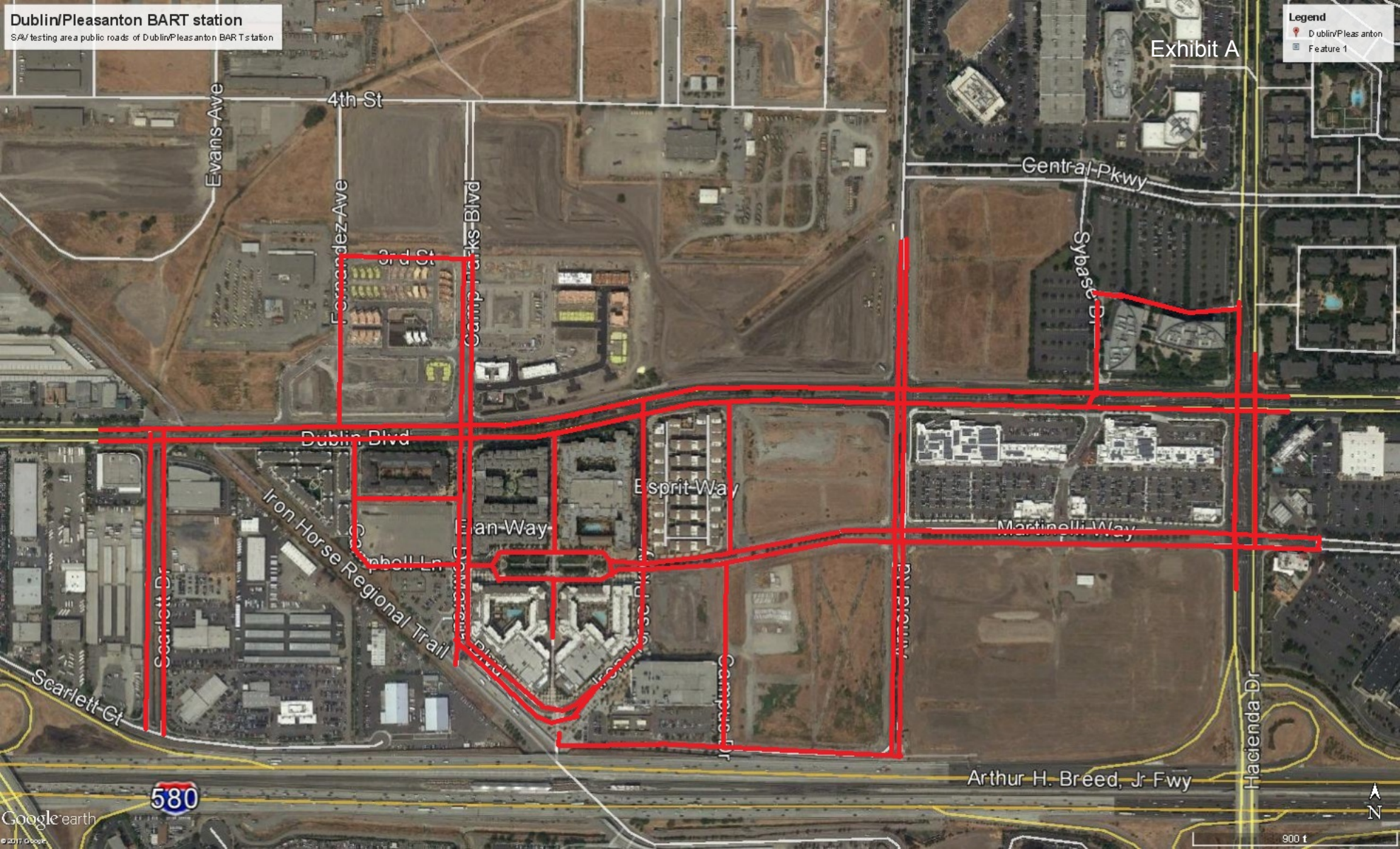
By: _____

Its: Michael S. Tree
Executive Director
Livermore Amador Valley Transit Authority
2500 Railroad Avenue
Livermore, CA 95444
mtree@lavta.org

Dated: _____

By: _____

Its: Habib Shamskhov
Program Director
GoMentum Station Inc.,
1475 North Broadway, Suite 281
Walnut Creek, California 94956



Autonomous Vehicle Pilot Project in Dublin, CA

Test Case List



Prepared by:
GoMentum Station

January 11, 2018

AUTONOMOUS VEHICLE PILOT PROJECT IN DUBLIN, CA

January 11, 2018

1.0 TEST CASE LIST

(Expected to be conducted in Dublin after project grand opening)

Item	Test case Category	Test Case's Name	Brief Description
1	Site/Vehicle Preparation	Roadway	Roadway Condition (surface, curbs, ...)
2	Site/Vehicle Preparation	Signage	Identify and understand traffic signs and road markings
3	Site/Vehicle Preparation	Information Signage	Autonomous Vehicle (AV) Testing Zone sign placement
4	Site/Vehicle Preparation	3G/4G/LTE Data Network Coverage	Verify connectivity Network coverage within the testing area
5	Site/Vehicle Preparation	GPS Coverage	Verify connectivity Network coverage within the testing area
6	Site/Vehicle Preparation	DGPS/RTK Coverage	Verify connectivity Network coverage within the testing area
7	Site/Vehicle Preparation	Inspection	Verify and checkup all the navigation and safety device daily based on manufacturer checklist
8	Site/Vehicle Preparation	Manual Mode	Perform basic manual tests according to manufacturer manual mode best practice
9	Site/Vehicle Preparation	Auto Mode	Perform a safety checkup and arm the vehicle in auto mode according to manufacturer auto mode best practice
10	Basic Movement	Straight Lane	Verify vehicle safely speeds-up, maintains lane position going straight, and slows-down
11	Basic Movement	Right Turn at Corner	Verify vehicle safely slows down when approaching the sharp curve or corner, safely performs right turn, lane position while turning
12	Basic Movement	Station – Approaching	-Verify vehicle announces next station to passengers prior to arrival; -Verify vehicle safely slows down when approaching the station, and maintains position while stopping at the station
13	Basic Movement	Station – Stopping	Verify vehicle safely stops at the station, doors open by operator command or passenger pushes the door button and doors remain open for proper time
14	Basic Movement	Station – Loading/Unloading Passenger(s)	Verify vehicle safely allow loading/unloading of passengers including elderly, with disabilities, and kids
15	Basic Movement	Station – Leaving	Verify vehicle safely stops at the station, doors open by operator command or passenger pushes the door button after loading/unloading passengers, then leave the station and safely merge into the lane

AUTONOMOUS VEHICLE PILOT PROJECT IN DUBLIN, CA

January 11, 2018

Item	Test case Category	Test Case's Name	Brief Description
16	Operation	Obstacles – Moving Objects	Verify if vehicles can detect moving objects or other unexpected crossings on the main lane and safely slows down approaching the object, completely stops in safe proper distance of the obstacle, and remain static avoid collision with the obstacle then safely speeds up after passing or removal the obstacle.
17	Operation	Light Traffic – same direction	Verify vehicle detects and safely slows-down when approaching another vehicle in the same lane, completely stops in safe proper distance of the other vehicle, and maintains the proper distance
18	Operation	Emergency Stop	Verify vehicle's emergency stop was successful when a passenger pushes all the emergency stop buttons, remove the cause of emergency stop and switch back to autonomous mode
19	Mid-Block Crossing	Pedestrian Crossing – Cross Walk Road Markings	Verify vehicle detects and safely slows-down when approaching a cross-walk, if the vehicle completely stops in a safe proper distance of the pedestrian(s), then safely speeds up after passing the cross walk and no pedestrian is on the road
20	Mid-Block Crossing	Vehicles Merging	Verify vehicle detects and safely slows down when approaching a vehicle backing up from a parking spot or a vehicle merging the lane, if vehicle completely stops in a safe proper distance of the other vehicle, and safely passes and continues after the other vehicle passes
21	Intersection – Traffic Signal Controlled – Simple Movements	Approaching	Verify vehicle safely slows down when approaching the traffic signal, maintains safe distance from the other vehicles surrounding it as it is approaching the signal
22	Intersection – Traffic Signal Controlled – Simple Movements	Decision	<p>-Verify the communication with the traffic light through the on-board device, identify the traffic light status (green-yellow-red);</p> <p>-Verify vehicle determines appropriate action based on detection and identification of signal;</p> <p>-Verify the vehicle completely stops if the signal identified as RED in a safe proper position at a limit line, if marked, otherwise before entering the crosswalk</p>
23	Intersection – Traffic Signal Controlled – Simple Movements	Straight	Based on the decision, verify vehicle maintains a safe distance of the vehicles surrounding it, and proceeds straight all the way pass the intersection
24	Intersection – Traffic Signal Controlled –	Right turn	Based on the decision, verify vehicle maintains a safe distance of the vehicles surrounding it, and proceeds right turn at corner test case and pass the intersection

AUTONOMOUS VEHICLE PILOT PROJECT IN DUBLIN, CA

January 11, 2018

Item	Test case Category	Test Case's Name	Brief Description
	<i>Simple Movements</i>		
25	<i>Intersection – 4-Way Stop</i>	<i>Approaching / Stop</i>	<i>Verify vehicle safely slows down when approaching the 4-way STOP intersection, maintains safe distance from the other vehicles surrounding as it is approaching the intersection, and verify the vehicle completely stops in a safe proper position at a limit line, if marked, otherwise before entering the crosswalk</i>
26	<i>Intersection – 4-Way Stop</i>	<i>Decision</i>	<i>-Yield to other vehicles already in the intersection or entering it in front of you. -Verify vehicle detects and yields to pedestrian(s) at the intersection</i>
27	<i>Intersection – 4-Way Stop</i>	<i>Straight</i>	<i>Based on the decision, verify vehicle maintains a safe distance of the vehicles surrounding it, and proceeds straight all the way pass the intersection</i>
28	<i>Intersection – 4-Way Stop</i>	<i>Right turn</i>	<i>Based on the decision, verify vehicle maintains a safe distance of the vehicles surrounding it, and proceeds right turn at corner test case and pass the intersection</i>

LAVTA/Dublin SAV First/Last Mile Pilot Project

Preliminary Cost Estimate (01/26/18)

Task Task Description		Total over two years	Total
1	Project Management Services		\$290,000.00
2	SAV Vehicle Procurement	Annual Cost	
	Vehicle Lease Gen2 (1 vehicle), with option for buy-back by EM after 2 years	\$125,000.00	\$250,000.00
	Software License	\$16,000.00	\$16,000.00
	Maintenance level 1 & 2	\$22,740.00	\$22,740.00
	EMZ10 Manual Driving Training Module	\$5,125.00	\$5,125.00
	NRTK Subscription (GPS services)	\$5,000.00	\$10,000.00
	Insurance (Estimate)	\$12,000.00	\$24,000.00
			\$327,865.00
3	One Time Cost		
	Site Assessment	\$7,900.00	\$7,900.00
	Project Services (EM)	\$25,000.00	\$25,000.00
	Vehicle Set-Up	\$21,000.00	\$21,000.00
	Operator Training (8-10 people trained)	\$13,000.00	\$13,000.00
	Shipping By Boat, Estimate	\$10,000.00	\$10,000.00
	Modem	\$5,600.00	\$5,600.00
	DMV license/fees, Estimate	\$21,500.00	\$21,500.00
	UPS/Custom/Bonding, Estimate	\$10,500.00	\$10,500.00
	Storage Facility, Estimate	\$28,000.00	\$28,000.00
	Utilities, Signing, Wrap, Estimate	\$25,000.00	\$25,000.00
	Charging Station	\$15,000.00	\$15,000.00
			\$182,500.00
4	Operations costs for 24 Month		\$165,640.00
	Total LAVTA Share and Contribution		\$966,005.00
	Planning, Design and Testing Activities (GoMentum SAV Project Contribution)	\$481,000.00	\$962,000.00
	Grand Total		\$1,928,005.00

* All Direct Cost are based on current currency exchange rate and subject to change

RESOLUTION NO. 04-2018

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
EXECUTING A PROFESSIONAL SERVICES AGREEMENT WITH
GOMENTUM STATION FOR LAVTA'S SHARED AUTOMOUS VEHICLE
PILOT**

WHEREAS, the Livermore Amador Valley Transit Authority has identified a need for testing innovative first/last mile solutions for connectivity to the LAVTA bus system and BART that will reduce greenhouse gas (GHG) emissions; and

WHEREAS, current testing of Shared Autonomous Vehicles (SAV) is underway in San Ramon within the Bishop Ranch Business Park through the GoMentum Station partnership; and

WHEREAS, LAVTA seeks to build upon the testing currently underway at Bishop Ranch with an SAV pilot in the City of Dublin; and

WHEREAS, the BAAQMD Board of Directors approved securing a bus advertising service contract with LAVTA at their October 19, 2016 meeting to provide funds for LAVTA's SAV pilot; and

WHEREAS, the LAVTA Board approved signing the bus advertising services contract at their December 4, 2017 Board meeting in Resolution 36-2017; and

WHEREAS, the GoMentum Station partnership has been managing the Bishop Ranch project and has the resources to oversee and conduct LAVTA's SAV pilot per the Scope of Work in the Agreement; and

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 professional services agreement with GoMentum Station for the tasks identified in the scope of work.

PASSED AND ADOPTED this 5th day of February 2018

Karla Brown, Chair

ATTEST:

Michael Tree, Executive Director

APPROVED AS TO FORM:

Michael Conneran, Legal Counsel