



METROPOLITAN
TRANSPORTATION
COMMISSION

Bay Area Metro Center
375 Beale Street, Suite 800
San Francisco, CA 94105
415.778.6700
www.mtc.ca.gov

Innovative Deployments to Enhance Arterials Shared Automated Vehicle (IDEA SAV) Program

Request for Information (RFI) Workshops – In-Meeting Chat Summary

This document summarizes the questions and comments submitted via the in-meeting chat box during the RFI workshops held on August 17 and August 18, 2021, for use as reference.

RFI Workshop 1 – August 17, 2021

CCTA First Mile/Last Mile Shared Autonomous Vehicle Pilot:

Comment on project benefits: “You can conduct outreach to all employees at Bishop Ranch”

RFI Workshop 2 – August 18, 2021

General comment: “For the proposed projects it would be useful to have information on (1) community demographics in proposed service area, (2) current use of transit/active transportation relative to SOVs, (3) current transit service routes/levels; (4) notable community changes (e.g., new developments adding population) during project time frame; and (5) volume of AV service relative to alternative, non-AV modes for same \$\$\$.”

General question: “One major question for all of these projects is how to demonstrate safety, and thus public trust, prior to deployment? What specific testing is being done, how will it be made public? Considering ODD, etc. Who’s doing the testing? Are any of these vehicles FMVSS compliant already, or waivers? etc.”

SFCTA Treasure Island Autonomous Vehicle Shuttle Pilot:

Question: “What’s happening to route 25/what would happen long term?”

VTA Enhancing Life with Automated Transportation for Everyone (ELATE):

Comment: “It needs a different measure than ADA compliance. Assumption of human attendant.”

Follow-up on the appropriate measures: “I think demonstrating current solutions’ accessibility, and then what groups are better served by this one. E.g. old solution worked for 62% of population, this works for 78%, and in what types of disabilities can be accommodated. Complete trip is a good way to measure.”

Comment: “There are two aspects to this project - 1) the accessibility of the shuttle, and 2) the passenger volume. If the real issue is testing (1) - then the real question here is “are there enough people associated with this trip that will take it?” - Or is the intent to bring in volunteers with Lived Experience to simply test the vehicle’s systems.”

CCTA First Mile/Last Mile Shared Autonomous Vehicle Pilot:

Question: “Is V2X something that is deemed necessary to allow for the deployment to occur? What is being covered--e.g., BSM, weather, left turn, SPAT?”

Follow-up Comment: “Yes Verizon City Insights Platform using Verizon 5G infrastructure and MEC technology to provide C-V2X PC5 communication for BSM, PSM, SPaT (if connected to the Signal controller).”

Comment: “A very particular research hypothesis for these projects, along with more local context for the project, would be helpful in evaluating whether it’s the right project for that hypothesis.”

County of Santa Clara Connected Vehicle Corridor Test Bed

Question: “Any use of the proposed fiber to advance equity purposes--e.g., community WiFi?”

Robert Rich
MTC IDEA SAV Program Manager
r-rich@bayareametro.gov