

**From:** VTA Board Secretary

**Sent:** Thursday, June 18, 2020 8:16 AM

**To:** VTA Board Secretary

**Subject:** VTA Information: Updated Board of Directors Agenda Packet for June 19, 2020

### **VTA Board of Directors:**

The VTA Board of Directors Agenda for the **9:00 a.m., Friday, June 19, 2020, Meeting** has been updated to include additional materials/presentations for the following items:

- 7.3 - VTA's BART Extension to Santa Clara - FTA EPD Update
- 8.1 - COVID-19 Service Recovery and Restoration: Transit Usage and Attitude Survey results

You may access the revised agenda on our [Agenda Portal](#).

A few reminders for the meeting for the tomorrow:

- Meeting will begin at 9:00 a.m.
- Zoom participant links were sent from VTA Board Secretary on Wednesday, June 16<sup>th</sup>, and you will receive a reminder email 1 hour before the meeting;
- Calendar invites for Closed Session were sent on Wednesday, June 16<sup>th</sup>

Thank you.

Office of the Board Secretary  
Santa Clara Valley Transportation Authority  
3331 North First Street, Building B  
San Jose, CA 95134-1927  
Phone [408-321-5680](tel:408-321-5680)



**From:** VTA Board Secretary

**Sent:** Tuesday, June 16, 2020 10:25 AM

**To:** VTA Board of Directors

**Subject:** VTA Information: Revised Board of Directors Agenda Packet for June 19, 2020

**VTA Board of Directors:**

The VTA Board of Directors Agenda for the **9:00 a.m., Friday, June 19, 2020, Meeting** has been revised to include an additional item under the General Managers Report:

- 8.1 - COVID-19 Service Recovery and Restoration: Transit Usage and Attitude Survey results

Also included in the packet are materials related to the following agenda item:

- 7.2- Public Transportation Agency Safety Plan (PTASP)

You may access the revised agenda on our [Agenda Portal](#).

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**From:** VTA Board Secretary

**Sent:** Friday, June 19, 2020 2:16 PM

**To:** VTA Board of Directors

**Subject:** VTA Information: 4th Update to the Board of Directors Agenda Packet for June 19, 2020

**VTA Board of Directors:**

The VTA Board of Directors Agenda outline for the **9:00 a.m.**, meeting today has been updated to include public comment for the following items:

- Agenda Item 6.1 -US 101/Blossom Hill Road Interchange Improvement - Construction Contract Award
- Agenda Item 7.3 -VTA's BART Extension to Santa Clara - FTA EPD Update

You may access the updated agenda outline on our [Agenda Portal](#).

Thank you.

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**From:** VTA Board Secretary  
**Sent:** Friday, June 19, 2020 4:57 PM  
**To:** VTA Board of Directors  
**Subject:** VTA Correspondence: Week ending June 19, 2020

**VTA Board of Directors:**

We are forwarding to you the following correspondence:

<b>From</b>	<b>Topic</b>
Roland Lebrun, Member of the Public	Comments pertaining to: 1) May 2020 Caltrain Board meeting; and 2) June 2020 BART Board meeting

Thank you.

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**From:** Roland Lebrun

**Sent:** Sunday, May 31, 2020 10:54 AM

**To:** board@caltrain.com

**Cc:** SFCTA Board Secretary <clerk@sfcta.org>; VTA Board Secretary <Board.Secretary@vta.org>; MTC Info <info@bayareametro.gov>

**Subject:** Conducting closed session meetings via Zoom teleconference

Dear Chair Pine,

Further to the violation of Government Code section 54957.1. at the conclusion of the May Caltrain Board meeting

([https://leginfo.legislature.ca.gov/faces/codes\\_displaySection.xhtml?lawCode=GOV&sectionNum=54957.1](https://leginfo.legislature.ca.gov/faces/codes_displaySection.xhtml?lawCode=GOV&sectionNum=54957.1).) and this month's bizarre Board meeting agenda(s), please consider avoiding

further violations by adopting the following procedure for adjourning to and reporting from closed sessions via Zoom teleconference:

- 1) Staff provide Board members and the general public with a link to the Board meeting teleconference.
- 2) Staff provide Board members only with a separate link for the closed session.
- 3) Board members join the Board meeting by clicking on the link in 1) above.
- 4) At the appropriate time, Board members adjourn to closed session by clicking on the closed session link in 2) above.  
This will result in an automatic disconnection from the Board meeting teleconference.
- 5) At the conclusion of closed session, Board members rejoin the Board meeting by clicking on the link in 1) above.  
This will result in an automatic disconnection from the closed session meeting teleconference.
- 6) Board Members and/or staff report back from closed session.

Respectfully presented for your consideration.

Roland Lebrun

CC

SFCTA Commissioners

VTA Board of Directors

MTC Commissioners

**From:** Roland Lebrun

**Sent:** Friday, June 12, 2020 3:10 AM

**To:** BART Board <boardofdirectors@bart.gov>

**Cc:** SFCTA Board Secretary <clerk@sfcta.org>; MTABoard@SFMTA.com; Caltrain Board <board@caltrain.com>; VTA Board Secretary <Board.Secretary@vta.org>; MTC Info <info@bayareametro.gov>; Caltrain CAC Secretary <cacsecretary@caltrain.com>; SFCTA CAC <cac@sfcta.org>; cac@sfmta.com

**Subject:** Real-time COVID detectors

Dear President Simon and Board members,

Thank you for the opportunity to address you verbally during yesterday's Board meeting. The intent of this email is to substantiate and elaborate on the comments I made about Airborne Virus Detectors (AVDs).

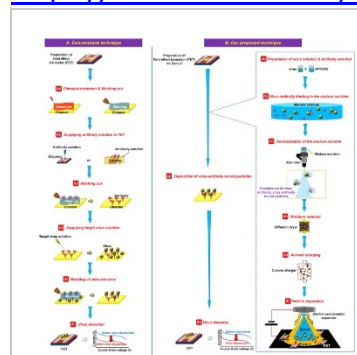
## Background

- BART and other transit agencies are already working on measures to counteract a CDC recommendation to avoid public transit because social distancing is not always effective in enclosed spaces requiring forced ventilation.
- BART and other agencies have correctly identified that UV filtration is key to the restoration of public confidence in mass transportation.

## Airborne Virus Detectors (AVDs)

Unlike UV filtration systems, AVDs are passive devices:

<https://www.nature.com/articles/srep17462>



Detection of airborne viruses using electro-aerodynamic deposition and a field-effect transistor | Scientific Reports

We report a technique for the detection of aerosolized viruses. Conventional field-effect-transistor (FET)-based techniques use solution-based processes, thus require antibody binding to the ...

[www.nature.com](http://www.nature.com)

<https://www.sciencedaily.com/releases/2020/04/200421112520.htm>

## The proposal

The proposal is to supplement UV filtration with AVDs as follows:

- 1) Use AVDs during the R&D cycle to verify that UV filtration systems are performing as designed.
- 2) Deploy AVDs as real-time monitoring devices for UV filtration systems by incorporating two AVDs into the final product (one AVD ahead of the UV filter and one behind it).
- 3) Incorporate visual and audio devices into the UV filtration casing:

- **Green**: all systems are working as expected.  
Passengers should use social distancing.

- **Yellow**: primary AVD detected COVID in an air duct inlet.  
Light audio "ding" every 30 seconds.  
Passengers should be aware of their immediate surroundings and observe rigid social distancing protocols.

- **Red**: secondary AVD detected COVID in an air duct outlet.  
Light audio buzzer every 15 seconds.  
Passengers should be aware of a UV filtration system malfunction and that social distancing is no longer effective.

### **Preventing station access**

AVDs could be used to prevent access to ticket vending machines, shutdown infected TVMs and alert station staff when disinfection is required.  
Fare gates could also be enhanced to prevent COVID-infected passengers from entering the system.

### **Funding**

The Federal Emergency Management Agency (FEMA) should be responsible for funding R&D and deployment of devices designed to ensure the safety of passengers.

I hope you find this information useful.

Roland Lebrun.

CC  
SF MUNI Board of Directors  
SFCTA Commissioners  
Caltrain Board  
VTA Board of Directors  
MTC Board of Directors  
MUNI CAC  
Caltrain CAC  
SFCTA CAC



VTA CAC

**From:** VTA Board Secretary  
**Sent:** Friday, June 19, 2020 8:05 AM  
**To:** VTA Board of Directors  
**Subject:** VTA Information: 3rd Update to the Board of Directors Agenda Packet for June 19, 2020

**VTA Board of Directors:**

The VTA Board of Directors Agenda outline for the **9:00 a.m.**, meeting today has been updated to include a written letter for the following item:

- Agenda Item 8.3 - ITEMS OF CONCERN AND REFERRAL TO ADMINISTRATION

You may access the updated agenda outline on our [Agenda Portal](#).

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