

PUBLIC UTILITIES COMMISSION

505 Van Ness Avenue
San Francisco, CA 94102



April 18, 2023

File Number: XREQ 2023030022
Sunnyvale VTA TSP Detection
Modifications
City of Sunnyvale, Santa Clara County

David Kobayashi
Senior Transportation Engineer
Santa Clara Valley Transportation Authority
3331 North First Street, Building B
San Jose, CA 95134

Re: General Order 88-B Request for Authority to Modify the TSP Detection System at 11 Light-Rail Crossings Located in the City of Sunnyvale

Dear David Kobayashi:

This refers to your letter dated December 7, 2022, received by us on March 27, 2023, requesting authorization, pursuant to California Public Utilities Commission (Commission/CPUC) General Order (G.O.) 88-B, to modify the transit signal priority (TSP) detection system at 11 light-rail crossings (crossings) of the Santa Clara Valley Transportation Authority (VTA) tracks in the City of Sunnyvale (City), County of Santa Clara. The crossings include the following:

PUC Crossing Number	Street Name
082B-9.53	Mathilda/Java/3rd
082B-9.33	Bordeaux Drive
082B-9.08	Borregas Avenue
082B-8.86	Geneva Drive
082B-8.63	Crossman Avenue
082B-8.30	Fair Oaks Way
082B-8.20	Fair Oaks Avenue
082B-7.60	Tasman Drive & Vienna Drive
082B-7.17	Tasman Drive & Adobe Wells MHP
082B-7.20	Tasman Drive & Birchwood Drive
082B-7.00	Tasman Drive & Reamwood Avenue

The Commission's Rail Crossings and Engineering Branch (RCEB) reviewed the request by VTA. As the City and VTA agree on the alterations and apportionment of costs under the provisions of G.O. 88-B, the following alterations, as described and specified in the request letter and its attachments, are authorized:

- Disconnect the train-to-wayside hard-wired system from the traffic signal controller cabinet.
- Install a new global positioning system (GPS)-based light-rail vehicle detection system and separate the TSP detection from the train-to-wayside hard-wired system.

Temporary traffic controls shall be provided in compliance with the California Manual on Uniform Traffic Control Devices (CA MUTCD), published by the California Department of Transportation. All parties shall comply with all applicable rules, including Commission General Orders and CA MUTCD.

This authorization shall expire if the full scope of alterations is not complete within three years of the date of this letter. VTA may request a time extension at least 30 days prior to the expiration date. The time extension request shall include evidence of agreement by the involved parties. This authorization may be revoked or modified if public convenience, necessity, or safety requires.

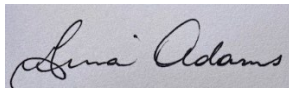
This project is categorically exempt from the requirements of the California Environmental Quality Act of 1970, as amended. [California Public Resources Code §21084].

The following requirements pertain to this authorization:

- The crossing shall have the configuration and operational characteristics as described and specified in the request letter and its attachments.
- At least 45 days prior to the date that the new or modified train detection is placed in service, VTA shall notify RCEB of the scheduled date of the signal cutover by sending a notification to rceb@cpuc.ca.gov.
- Within 30 days after the authorized scope of alterations is complete, VTA shall notify RCEB of the alterations by submitting a Form G to rceb@cpuc.ca.gov. Form G requirements and forms are available on the CPUC website at <http://www.cpuc.ca.gov/crossings>.

If you have any questions, please contact Eyitejumade “Ade” Sogbesan at (415) 703-1869 or ES3@cpuc.ca.gov.

Sincerely,



Gina Adams
Program and Project Supervisor
Rail Crossings and Engineering Branch
Rail Safety Division

cc: Bjorn Bergstrand, VTA
Dennis Ng, City of Sunnyvale