

## PUBLIC UTILITIES COMMISSION

505 Van Ness Avenue  
San Francisco, CA 94102



February 16, 2023

File Number: XREQ 2023010006  
Brewster Avenue  
Redwood City, San Mateo County

Stacy Cocke  
Director, Signal and Transmission Power  
Peninsula Corridor Joint Powers Boards  
1250 San Carlos Avenue  
San Carlos, CA 94070-1306

**Re: General Order 88-B Request for Authority to Alter the Brewster Avenue Rail Crossing**

Dear Stacy Cocke:

This refers to your letter dated November 28, 2022, received by us on December 28, 2022, requesting authorization, pursuant to California Public Utilities Commission (Commission/CPUC) General Order (GO) 88-B, to alter the Brewster Avenue rail crossing (crossing) of the Peninsula Corridor Joint Powers Board (Caltrain) tracks in Redwood City (City), County of San Mateo. The crossing is identified as CPUC Crossing Number 105E-25.04 and DOT Number 754936G.

Due to unforeseen circumstances, the Commission's Rail Crossings and Engineering Branch (RCEB) is late in submitting this GO 88-B request authorization.

The crossing is a northeast-southwest, four-lane roadway that consists of two main tracks. The crossing is equipped with two curb-mounted Commission Standard 9-A (Flashing Light Signal Assembly with Automatic Gate Arm and Additional Flashing Light Signals Over the Roadway on a Cantilevered Arm) warning devices and four Commission Standard 9 (Flashing Light Signal Assembly with Automatic Gate Arm) pedestrian warning devices.

The RCEB reviewed the request by the Caltrain. As the City and Caltrain agree on the alterations and apportionment of costs under the provisions of GO 88-B, the following alterations, as described and specified in the request letter and its attachments, are authorized:

- Replace the gate arms of the Commission Standard 9-A warning devices in the northeast and southwest quadrants with articulated gate arms.
- Replace the Commission Standard 9 pedestrian warning devices in the northeast and southwest quadrants with Commission Standard 9 warning devices on separate masts.
- Install a two-speed check (2SC) system to replace the constant warning time crossing activation system.
- Replace the constant warning time devices (predictors) at grade crossings with audio frequency overlay equipment (AFTAC-II) and microprocessor-based equipment (ElectroLogIXS) with traction power system.
- Apply California Manual on Uniform Traffic Control Devices (CA MUTCD)-compliant signage and pavement markings, including the "RXR" and edge-line pavement markings.

Temporary traffic controls shall be provided in compliance with the 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. Caltrain 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.

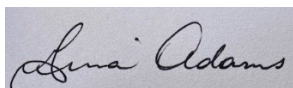
This project is categorically exempt from the requirements of the California Environmental Quality Act of 1970, as amended. [California Public Resources Code §21084].

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, Caltrain shall notify RCEB of the scheduled date of the signal cutover by sending a notification to [rceb@cpuc.ca.gov](mailto:rceb@cpuc.ca.gov).
- Within 30 days after the authorized scope of alterations is complete, Caltrain shall notify RCEB of the alterations by submitting a Form G to [rceb@cpuc.ca.gov](mailto:rceb@cpuc.ca.gov). Form G requirements and forms are available on the CPUC website at <http://www.cpuc.ca.gov/crossings>.
- Caltrain shall electronically submit an updated Federal Railroad Administration (FRA) inventory form (Form F6180.71) to the FRA per 49 C.F.R. § 234.411(c).

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

Sincerely,



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

cc: Jessica Manzi, City of Redwood City