

PUBLIC UTILITIES COMMISSION

320 West 4th Street, Suite 500, Los Angeles, CA 90013



August 7, 2024

File Number: XREQ 2024070005
Aviation Boulevard
County of SonomaBill Gamlen, P.E.
Chief Engineer
Sonoma-Marin Area Rail Transit District
5401 Old Redwood Hwy, Suite 200
Petaluma, CA 94954**Re: General Order 88-B Request for Authority to Alter the Aviation Boulevard Rail Crossing**

Dear Bill Gamlen, P.E.:

This refers to your letter dated and received by us on June 28, 2024, requesting authorization, pursuant to California Public Utilities Commission (Commission/CPUC) General Order (GO) 88-B, to alter the Aviation Boulevard rail crossing (crossing) of the Sonoma-Marin Area Rail Transit District (SMART) track, in the County of Sonoma (County). The crossing is identified as CPUC Crossing Number 005-60.20 and DOT Number 912093R.

The crossing is an east-west, two-lane roadway that consists of one track. The crossing is equipped with two curb-mounted Commission Standard 9 (flashing light signal assembly with automatic gate arm) warning devices.

The CPUC's Rail Crossings and Engineering Branch (RCEB) reviewed the request by SMART. As SMART and the County 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:

- Install a second track on the west side of the existing mainline track at 15 foot track centers.
- Replace in kind the Commission Standard 9 warning devices in the southwest and northeast quadrants of the crossing.
- Install two Commission Standard 9 pedestrian gates, one each in the northwest and southeast quadrants.
- Install emergency exit swing gates at the pedestrian sidewalk approaches in all quadrants.
- Install fencing in all four quadrants to channelize pedestrians.
- Install a striped continental crosswalk with Americans with Disabilities ACT (ADA) compliant pedestrian ramps with detectable warning surfaces on the east side of the crossing.
- Install a 10 foot wide, 30 foot long raised concrete median with a 10-foot-wide pedestrian refuge area to accommodate the new crosswalk and a 40 foot long Quik Kurb extension on the east side of the crossing.
- Install a 60 foot long Quik Kurb median on the west side of the crossing.
- Trim/remove trees on all approaches to crossing.

- Reconstruct the curb and gutter in all quadrants.
- Install ADA compliant detectable warning surfaces on all sidewalk approaches located a minimum of 12 feet from the centerline of the nearest track.
- Apply California Manual on Uniform Traffic Control Devices (CA MUTCD) compliant signage and pavement markings, including W10-1, W48 (CA) “2 TRACKS” advance warning signs, “KEEP CLEAR” pavement markings between eastbound lane stop bar and crosswalk, push button activated LED Enhanced R1-5 “YIELD HERE TO PEDESTRIANS”, R8-8 “DO NOT STOP ON TRACKS”, W11-15 and W16-7P crosswalk warning signs, “RXR” and twenty-four-inch-wide STOP bars as shown on plans.

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. SMART may request a time extension at least 30 days prior to the expiration date. The time extension request shall include evidence of agreement by 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.
- Within 30 days after the authorized scope of alterations is complete, SMART 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 web site at <http://www.cpuc.ca.gov/crossings>.
- SMART 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 David Stewart at (415) 806-0490 or David.Stewart@cpuc.ca.gov.

Sincerely,



Matthew Bond, P.E.
Program and Project Supervisor
Rail Crossings and Engineering Branch
Rail Safety Division

cc: James J. Hovertsz P.E., County of Sonoma