

PUBLIC UTILITIES COMMISSION

320 W. 4th Street, Suite 500
Los Angeles, CA 90013



April 26, 2017

File Number: XREQ 2017030009

Bill Gamlen, P.E.
Chief Engineer
Sonoma-Marín Area Rail Transit District
5401 Old Redwood Hwy, Suite 200
Petaluma, CA 94954

SENT VIA E-MAIL

Re: General Order 88-B Request for Authority to Alter 2nd Street At-Grade Highway-Rail Crossing, CPUC Crossing No. 005-16.89 and DOT No. 863522F in the City of San Rafael, County of Marin

Dear Mr. Gamlen:

This refers to your letter dated January 31, 2017, received by us on March 22, 2017, requesting authorization, pursuant to California Public Utilities Commission (Commission) General Order (GO) 88-B, to alter the 2nd Street at-grade highway-rail crossing (crossing) of Sonoma-Marín Area Rail Transit District (SMART) track in the City of San Rafael (City), County of Marin. The crossing is identified as CPUC Crossing No. 005-16.89 and DOT No. 863522F.

The single track 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. 2nd Street is a one-way eastbound street. No sidewalk exists on south side of the street. There is currently no rail traffic over the crossing. SMART transit passenger service is scheduled to begin in late 2018 with a projected 32 trains per day. The average daily traffic on 2nd Street is 30,492 vehicles.

The proposed alterations as indicated in the request letter and/or shown in the attachments shall consist of:

- Constructing a new siding track approximately 15 feet east of the existing mainline track;
- Replacing both of the existing Commission Standard 9-A warning devices in kind;
- Installing a Commission Standard 9 (flashing light signal assembly with automatic pedestrian gate arm) pedestrian gate warning device with back flashing lights in combination with emergency exit swing gate at the pedestrian sidewalk approach in the northwest quadrant of the crossing;
- Installing a Commission Standard 8 (flashing light signal assembly) with back flashing lights at the pedestrian sidewalk approach in the northeast quadrant of the crossing, due to turning restrictions for buses and bulb size accommodation in the area;
- Constructing curb and gutter in all four quadrants of the crossing;
- Constructing curb ramps and Americans with Disabilities Act (ADA) compliant precast concrete (PCC) sidewalks in the northwest and northeast quadrants of the crossing;
- Installing ADA compliant detectable warning strips on the northwest and northeast quadrants sidewalk approaches, located a minimum of 12 feet from the centerline of the track;

- Installing fencing along the track in the northwest quadrant to channelize pedestrians through the sidewalk crossing gates;
- Installing PCC panels for the mainline track and new siding track, and;
- Applying California Manual on Uniform Traffic Control Devices (CA MUTCD) compliant signage and pavement markings, including W10-1 advance warning signs and “RXR” and railroad limit pavement markings as shown on plans.

The City will file a GO 88-B request regarding traffic signal pre-emption with the crossing and Hetherton Street at a future date. SMART shall not commence rail operations over the 2nd Street crossing prior to installation of traffic signal pre-emption.

Commission’s Rail Crossings and Engineering Branch (RCEB) staff has investigated SMART’s request, and finds it adequately addresses compliance and safety. As SMART and the City are in agreement as to the design and apportionments of the cost under the provisions of GO 88-B, you may proceed with the improvements as described in your request letter, attachments, and summarized above.

SMART must ensure that Emergency Notification Signs are installed to comply with 49 CFR 234.309.

Temporary traffic controls shall be provided in compliance with Section 8A.08, Temporary Traffic Control Zones, of the CA MUTCD, 2014 Edition, published by the California Department of Transportation.

All parties shall comply with all applicable rules, including Commission General Orders and CA MUTCD. This project is categorically exempt from the requirements of the California Environment Quality Act of 1970, as amended [California Pubic Resources Code 21084].

This authorization shall expire if the above conditions are not complied with or if the work is not completed within three years of the date of this letter. Upon written request to this office, the time to complete the project may be extended. Any written request for a time extension must include concurrence letters by involved parties in support of the time extension. If an extension is requested, the RCEB may reevaluate the crossing prior to granting an extension.

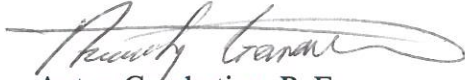
Within 30 days after completion of this project, SMART shall notify RCEB that the authorized work is completed, by submitting a completed Commission Standard Form G. Form G requirements and forms can be obtained at the Commission web site Form G page at <http://www.cpuc.ca.gov/Crossings> . This report may be submitted electronically to rceb@cpuc.ca.gov.

At the conclusion of the project, SMART should submit an updated Federal Railroad Administration (FRA) inventory form (Form F6180.71) to the FRA, reflecting the changes. 49 CFR 234 Section 234.409 requires the railroads to submit periodic crossing inventory updates a minimum of once every three years. The Commission requests a concurrent copy of the updated inventory form be submitted to rceb@cpuc.ca.gov.

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If you have any questions, please contact David Stewart at (916) 928-2515 or atm@cpuc.ca.gov .

Sincerely,



Anton Garabetian, P. E.
Program and Project Supervisor
Rail Crossings and Engineering Branch
Safety and Enforcement Division

(SENT VIA E-MAIL)

C: Kevin McGowan, City of San Rafael

