

## PUBLIC UTILITIES COMMISSION

320 W. 4<sup>th</sup> Street, Suite 500  
Los Angeles, CA 90013



August 13, 2018

File Number: XREQ 2018060008  
Milpitas Boulevard  
Milpitas, Santa Clara County

Steve Chan  
Traffic Engineer  
City of Milpitas  
455 East Calaveras Boulevard  
Milpitas, CA 95035

**SENT VIA E-MAIL**

**Re: General Order 88-B Request for Authority to Alter the Milpitas Boulevard At-Grade Highway-Rail Crossing, CPUC Crossing No. 004G-12.52-C and DOT Crossing No. 833901Y in the City of Milpitas, County of Santa Clara.**

Dear Mr. Chan:

This refers to your letter received by us via e-mail on August 3, 2018, requesting authorization, pursuant to California Public Utilities Commission (Commission/CPUC) General Order (GO) 88-B, to alter the Milpitas Boulevard at-grade highway-rail crossing (crossing) of the Union Pacific Railroad (UPRR) track in the City of Milpitas (City), County of Santa Clara. The crossing is identified as CPUC Crossing No. 004G-12.52-C and DOT Crossing No. 833901Y.

The configuration consists of a single UPRR track crossing over a four-lane roadway with one sidewalk and two Commission Standard 8-A (flashing light signal assembly with additional flashing light signals over the roadway on a cantilevered arm) warning devices. Two freight trains operate per day at a maximum speed of 10 miles per hour over the crossing. The crossing average daily traffic is 15,779 vehicles.

The proposed alterations, as indicated in the City request letter and/or shown on the plans, shall consist of:

- Installing a new concrete panel crossing surface;
- Installing a new sidewalk along the west side of Milpitas Boulevard;
- Installing Americans with Disabilities Act (ADA) compliant detectable warning strips in the northwest and southwest quadrants a minimum of 10 feet from centerline of track;
- Installing Class II bike lanes on the west and east sides of Milpitas Boulevard;
- Installing raised concrete medians on both approaches;
- Installing two 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, one each in the northwest and southeast quadrants;
- Installing one Commission Standard 8 (flashing light signal assembly) warning device in the southwest quadrant;

- Interconnecting the railroad crossing warning devices with the new Garden Street traffic signals (with railroad preemption); and
- Applying California Manual on Uniform Traffic Control Devices (CA MUTCD) compliant signage and pavement markings, including two R8-8 “DO NOT STOP ON THE TRACKS” signs and “KEEP CLEAR” pavement markings at each approach.

The Commission’s Rail Crossings and Engineering Branch (RCEB) staff has investigated the request by the City, and finds it adequately addresses compliance and safety. As the City and UPRR (Parties) are in agreement as to the design and apportionments of the cost under the provisions of GO 88-B, the City may proceed with the improvements as described in its request letter and attachments, and summarized above. The City must complete all the proposed alterations mentioned above for RCEB to consider this GO 88-B application closed.

UPRR must ensure that Emergency Notification Signs are installed to comply with the Title 49 Code of Federal Regulations (CFR) Section 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 other Commission General Orders and the latest version of the CAMUTCD. This project is categorically exempt from the requirements of the California Environment Quality Act of 1970, as amended [California Public 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. A written request for a time extension must include concurrence letters by interested Parties in support of the time extension. If an extension is requested, RCEB may reevaluate the crossing prior to granting an extension.

Within 30 days after completion of this project, the City 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 CPUC web site at <http://www.cpuc.ca.gov/crossings/>. Additionally, the City must submit an updated electronic inventory form (Form F6180.71) to the Federal Railroad Administration, 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 and a completed Commission Standard Form G be submitted electronically to [rceb@cpuc.ca.gov](mailto:rceb@cpuc.ca.gov).

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If you have any questions, please contact Willard Lam at (415) 703-1327 or email at [WLM@cpuc.ca.gov](mailto:WLM@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**

Cc: Kevin Yoder, UPRR  
Steven Erickson, City of Milpitas

