

PUBLIC UTILITIES COMMISSION

320 W. 4TH STREET, SUITE 500
LOS ANGELES, CA 90013



January 11, 2018

File Number: XREQ 2017120002
Archibald Avenue
City of Ontario, San Bernardino County

Mauricio Diaz
Principal Engineer
City of Ontario
303 East B Street, Civic Center
Ontario, CA 91764

SENT VIA E-MAIL

Re: General Order 88-B Request for Authority to Alter the Archibald Avenue At-Grade Highway-Rail Crossing Identified as CPUC Crossing No. 003-41.20 and DOT Crossing No. 810911P in the City of Ontario, San Bernardino County.

Dear Mr. Diaz:

This refers to your letter dated September 21, 2017, received by us on December 11, 2017, requesting authorization, pursuant to California Public Utilities Commission (Commission/CPUC) General Order (GO) 88-B, to alter the Archibald Avenue at-grade highway-rail crossing (crossing) of the Union Pacific Railroad (UPRR) Mainline 3 Los Angeles Subdivision tracks in the City of Ontario (City), San Bernardino County. The crossing is identified as CPUC Crossing Number 003-41.20 and DOT Number 810911P.

The crossing is comprised of two tracks and a two lane divided roadway, with one traffic lane in each direction. The crossing is equipped with two curb-mounted Commission Standard 9 (flashing light signal assembly with automatic gate arm) warning devices. Archibald Avenue and Mission Boulevard form a traffic signal controlled intersection approximately 100 feet south of the crossing. Approximately 22 UPRR freight trains and 8 Metrolink passenger trains operate per day over the mainline at a maximum speed of 70 mph. The average daily traffic at the crossing is approximately 10,258 vehicles.

The City, in cooperation with UPRR, proposes the following alterations as indicated in the request letter and/or shown in the attachments:

- Install nearside signal head to improve traffic signal visibility;
- Increase the advance preemption time from 42 seconds to 44 seconds;
- Implement a southbound traffic signal phase, Overlap A, to allow the southbound vehicles to clear the area between the stop bar north of the tracks to the intersection of Archibald Avenue and Mission Boulevard;
- Install programmed visibility (PV) heads for the Overlap A signal phase. The limit line for PV shall match the limit line for southbound traffic on Archibald Avenue;
- Remove the southbound vehicular traffic stop bar south of the tracks;

- Install R3-1 “NO TURN ON RED” light emitting diode blank out sign for southbound traffic per traffic control plans;
- Implement limited service during the railroad preemption phase, phase 3, which will allow left turns from northbound Archibald Avenue to westbound Mission Boulevard while the train occupies the crossing, and;
- Apply California Manual on Uniform Traffic Control Devices (CA MUTCD) compliant signage and pavement markings; including W10-1 and W10-2 advance warning signs, R10-6 “STOP HERE ON RED”, R13A “NO RIGHT TURN ON RED”, “RXR” and railroad limit pavement markings.

The Commission’s Rail Crossings and Engineering Branch (RCEB) investigated the request filed by the City and finds that it adequately addresses compliance and safety. As UPRR and the City are in agreement as to the design and apportionments of the cost under the provisions of GO 88-B, the improvements as described in your request letter received by us on December 11, 2017, and summarized above, are authorized. All parties shall comply with all applicable rules, including Commission General Orders and the current version of the CA MUTCD, published by the California Department of Transportation. The City and UPRR 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 CFR 234.309.

Temporary traffic controls shall be provided in compliance with current version of the CA MUTCD. Refer to CA MUTCD Section 6G.18 and Figure 6H-46 regarding “Work in the Vicinity of a Grade Crossing.”

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 proposed project 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, RCEB may reevaluate the crossing prior to granting an extension.

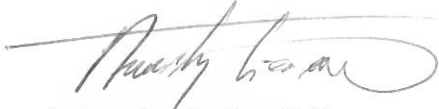
Within 30 days after completion of this project, the City shall notify RCEB that the authorized work is completed by submitting a completed Commission Standard Form G titled *Report of Changes at Highway Grade Crossings and Separations*. Form G requirements and forms can be obtained at the CPUC web site 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, UPRR should electronically submit an updated Federal Railroad Administration (FRA) inventory form (Form F6180.71) 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. 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 Sergio Licon at (213) 576-7085 or sal@cpuc.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Anton Garabetian", with a long horizontal flourish extending to the left.

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

cc: **(SENT VIA E-MAIL)**
Daniel Moreno, UPRR

