

PUBLIC UTILITIES COMMISSION

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



October 31, 2016

File Number: XREQ 2016100002
Juniper Avenue
City of Fontana, San Bernardino County

Justin Fornelli
Chief of Transit and Rail Program
San Bernardino Associated Governments
1170 W. Third Street
San Bernardino, CA 92410

SENT VIA E-MAIL

Re: General Order 88-B Request for Authority to Alter the Juniper Avenue At-Grade Highway-Rail Crossing Identified as CPUC Crossing No. 101SG-48.92 and DOT Crossing No. 026146T in the City of Fontana, San Bernardino County.

Dear Mr. Fornelli:

This refers to your letter dated September 26, 2016, received by us on October 5, 2016, requesting authorization, pursuant to California Public Utilities Commission (Commission/CPUC) General Order (GO) 88-B, to alter the Juniper Avenue at-grade highway-rail crossing (crossing) of the Southern California Regional Rail Authority (SCRRA) San Gabriel Subdivision track in the City of Fontana (City), San Bernardino County. The crossing is identified as CPUC Crossing Number 101SG-48.92 and DOT Number 026146T.

The crossing is comprised of a single track and a four lane divided roadway, two lanes for each direction of traffic, separated by raised medians. The crossing is equipped with two curb mounted Commission Standard 9 (flashing light signal assembly with automatic gate arm) warning devices. Juniper Avenue and Orange Way form a traffic signal controlled intersection adjacent to and north of the crossing. Approximately 38 SCRRA passenger trains and 10 BNSF Railway Company (BNSF) freight trains operate per day at a maximum speed of 79 mph over the mainline. The average daily vehicle traffic is approximately 15,700 vehicles.

The San Bernardino Associated Governments (SANBAG), in conjunction with the City, proposes the following safety improvements as shown on the plans:

- Install one queue cutter signal for the northbound vehicular traffic approaching the crossing;
- Install one queue cutter signal for the southbound vehicular traffic approaching the crossing;
- Install one traffic signal at the intersection of Juniper Ave and Ceres Avenue just south of the crossing;
- Install Class III bike route with appropriate signing, striping, and legend;

- Construct new eight-inch high by ten feet wide and 100 feet long raised medians at each approach;
- Install one median-mounted Commission Standard 8 (flashing light signal assembly) warning device north of the crossing;
- Install one median-mounted Commission Standard 8 warning device south of the crossing;
- Relocate one curb-mounted Commission Standard 9 warning device in the northwest quadrant of the crossing to meet SCRRRA and CPUC minimum standards;
- Relocate one curb-mounted Commission Standard 9 warning device in the southeast quadrant of the crossing to meet SCRRRA and CPUC minimum standards;
- Install one Commission Standard 9 pedestrian gate at each of the four sidewalk approaches, including emergency swing gates;
- Construct American with Disabilities Act (ADA) compliant sidewalk on both sides of Juniper Avenue including detectable warning strips on all four approaches to the crossing;
- Construct pedestrian channelization in the form of new guard rails and hand railings on each sidewalk approach;
- Install concrete panel crossing surface;
- Repave Juniper Avenue at the crossing including curb and gutter and driveway aprons, and;
- Apply California Manual on Uniform Traffic Control Devices (CA MUTCD) compliant signage and pavement markings; including W10-1 advance warning signs, "RXR" and railroad limit pavement markings.

The Commission's Rail Crossings and Engineering Branch (RCEB) investigated the request filed by SANBAG and finds that it adequately addresses compliance and safety. As the SANBAG, SCRRRA, and 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 October 5, 2016, and summarized above, are authorized.

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

All parties shall comply with all applicable rules, including Commission General Orders and CA MUTCD.

Temporary traffic controls shall be provided in compliance with current version of the CA MUTCD, published by the California Department of Transportation.

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

concurrency 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, SANBAG 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, SCRRRA 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.

If you have any questions, please contact Sergio Licon at (213) 576-7085 or sal@cpuc.ca.gov.

Sincerely,



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

cc: **(SENT VIA E-MAIL)**
Noel Castillo, City of Fontana
Patricia Watkins, SCRRRA

