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City of Santa Fe Springs
11710 E. Telegraph Road
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PUBLIC UTILITIES COMMISSION

320 WEST 4TH STREET, SUITE 500
LOS ANGELES, CA 90013



September 17, 2012

File Number: G.12-09-001
Rosecrans Avenue / Marquardt Avenue
City of Santa Fe Springs, Los Angeles County

Noe Negrete
Director of Public Works
City of Santa Fe Springs
11710E. Telegraph Road
Santa Fe Springs, CA 90670

Re: General Order 88-B Request for Authority to Modify the Rosecrans Avenue / Marquardt Avenue Highway-Rail Crossing, CPUC Crossing No. 002-157.80 and DOT No. 027656A in the City of Santa Fe Springs, Los Angeles County.

Dear Mr. Negrete:

This refers to your letter dated, August 30, 2012, received by us on September 4, 2012, requesting authorization, pursuant to California Public Utilities Commission (Commission) General Order (GO) 88-B, to modify the existing Rosecrans Avenue/Marquardt Avenue at-grade crossing of BNSF Railway Company (BNSF) railroad track in the City of Santa Fe Springs (City), Los Angeles County. The crossing is identified as CPUC Crossing No. 002-157.80 and DOT No. 027656A.

The Rosecrans Avenue/Marquardt Avenue crossing is currently a two track diagonal crossing equipped with two Commission Standard 9 (flashing light signal assembly with automatic gate arm) warning devices, pavement markings and advanced warning signage for Marquardt Avenue. The crossing also has two Commission Standard 9 warning devices for Rosecrans Avenue. In addition to the approach warning devices, the crossing has two Commission Standard 8 (flashing light signal assembly and bell) warning devices for pedestrians. BNSF runs approximately 55 freight trains per day at a maximum speed of 50 mph. The National Railroad Passenger Corporation (Amtrak) and the Southern California Regional Rail Authority (Metrolink) also run approximately 78 passenger trains per day at a maximum speed of 79 mph. The current annual daily traffic count for this crossing is approximately 30,506 vehicles.

The City proposes the following alterations to Rosecrans Avenue/Marquardt Avenue at-grade crossing, as part of the Federal Section 130 hazard elimination program:

- Install two curb mounted Commission Standard 8 warning devices, one each in the southwest and northeast track quadrants of the crossing for pedestrian traffic;
- Install two curb mounted Commission Standard 9 warning devices for northbound and southbound Marquardt Avenue, one each in the northeast and southeast quadrants of the crossing;

- Install one curb mounted and one median mounted Commission Standard 9 warning devices for eastbound and westbound Rosecrans Avenue on the northeast and southwest quadrants of the crossing;
- Install left turn signals for all four intersection approaches;
- Update signal phasing/timing to install a split phase operation for northbound/southbound Marquardt Avenue and a lead/lag operation for westbound/eastbound Rosecrans Avenue;
 - Install an Advanced Preemption System at the crossing and upgrade track circuitry to support it;
- Construct raised island medians on the northbound and southbound Marquardt Avenue approaches to crossing, as shown on plans;
- Reconstruct the existing medians on eastbound and westbound Rosecrans Avenue approaches to crossing, as shown on plans;
- Reconstruct the street surface at the Rosecrans Avenue/Marquardt Avenue intersection and approaches within the project limits;
- Construct Americans with Disabilities Act (ADA) complaint sidewalks in the northwest and southwest quadrants of the intersection and crossing;
- Install new ADA compliant curb access ramps, curb and gutter and sidewalk landing on all quadrants of the crossing;
- Install additional concrete panels to accommodate the new sidewalks;
- Install ADA compliant detectable warning tactile strips on all sidewalk approaches to the crossing; and
- Apply California Manual on Uniform Traffic Control Devices (CA MUTCD) compliant signage and pavement markings, including W10-1, W48 (CA) Advance Warning signs, R3-4 No U-Turn, R10-6 Stop Here On Red, R13-A (CA) No Right Turn on Red, R9-3a No Pedestrian Crossing, and R15-2 regulatory signage, and RXR pavement markings, as shown in plans.

The Commission's Rail Crossing Engineering Section (RCES) staff investigated the City's request, and finds that it adequately addresses compliance and safety. As the City and BNSF 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 dated August 30, 2012 and summarized above are authorized.

Temporary traffic controls shall be provided in compliance with Section 8A.05, Temporary Traffic Control Zones, of the CA MUTCD, published by the California Department of Transportation. All parties shall comply with all applicable rules, including Commission General Orders and the CA MUTCD.

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. Any written request for a time extension must include

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concurrency letters by involved parties in support of the time extension. If an extension is requested, the RCES may reevaluate the crossing prior to granting an extension.

Within 30 days after completion of this project, the City and BNSF shall notify RCES 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/formg>. This report may be submitted electronically to rces@cpuc.ca.gov as outlined on the web page.

At the conclusion of the project, BNSF must submit an updated FRA inventory form to the Federal Railroad Administration, reflecting the changes. Commission requests a concurrent copy of the updated inventory form be submitted to rces@cpuc.ca.gov.

If you have any questions, please contact Jose Pereyra at (213) 576-7083 or jose.pereyra@cpuc.ca.gov.

Sincerely,

Anton Garabetian, P.E.
Program Project Supervisor
Rail Transit and Crossings Branch
Consumer Protection and Safety Division

CC: Melvin Thomas, BNSF Railway
Robert Garcia, City of Santa Fe Springs