

PUBLIC UTILITIES COMMISSION

180 Promenade Circle, Suite 115
SACRAMENTO, CA 95834



August 25, 2010

File Number: G.10-07-017

Corri Vandiver
Associate Civil Engineer
City of Redding
777 Cypress Avenue
Redding, CA 96003

Re: General Order 88-B Request for Authority to Alter Yuba Street Highway-Rail Crossing, CPUC Crossing No. 001C-258.20, DOT No. 750511E, in the City of Redding, Shasta County.

Dear Ms. Vandiver:

This refers to your letter dated July 8, 2010 and received by us on July 26, 2010 requesting authorization pursuant to Commission General Order (GO) 88-B, to alter an at-grade highway-rail crossing of the Union Pacific Railroad (UPRR) in the City of Redding (City), County of Shasta. The crossing is identified as Yuba Street Highway-Rail Crossing, CPUC Crossing No. 001C-258.20, DOT No. 750511E.

The crossing is currently equipped with two Commission Standard 9 (flashing light signal assembly with automatic gate) warning devices, two W10-1 (RXR), two W48 (CA, 3 TRACKS) advance warning signs, one R8-8 (DO NOT STOP ON TRACKS), and one R12-1 (crossbucks) regulatory signs. UPRR currently operates approximately 10 freight trains per day at 50 mph, and the National Passenger Railroad Corporation (Amtrak) operates two passenger trains per day at 55 mph over this line.

This project is being done in conjunction with the Section 130 Program.

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

- Removal of all existing warning devices.
- Installation of one Commission Standard 9-A (flashing light signal assembly with automatic gate arm and additional flashing light signals over the roadway on a cantilevered arm) in the southwest quadrant at a minimum clearance of 4'3" from the face of curb to the center of the warning device mast.
- Installation of one Commission Standard 9 in the northeast quadrant at a minimum clearance of 4'3" from the face of curb to the center of warning device mast.

- Installation of one Commission Standard 8 (flashing light signal assembly) in the southwest quadrant and one Commission Standard 8 in the southeast quadrant at a minimum clearance of 2'3" north from the back of sidewalk to the center of the warning device mast.
- Installation of one Commission Standard 8 in the northwest quadrant at a minimum clearance of 2'3" south from the back of sidewalk to the center of the warning device mast.
- Installation of constant warning time train detection. This includes modification of the circuitry at Tehama Street and Shasta Street to the north of the crossing to provide necessary functionality.
- Extension of the existing curb off of the planter in the southwest to the east in front of the railroad warning device and then taper into the existing asphalt.
- Installation of ADA compliant detectable warnings (tactile strips) on all sidewalk approaches.
- Repair of sidewalk in all quadrants around warning devices.

Staff has investigated the City's request, and finds it adequately addresses compliance and safety. As the City and UPRR 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 the request letter and attachments, and summarized above.

Temporary traffic controls shall be provided in compliance with section 8A.05, Temporary Traffic Control Zones, of the California Manual on Uniform Traffic Control Devices (CA MUTCD), published by Caltrans.

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 Public Resources Code 21084].

This authorization shall expire if the above conditions are not complied with or if the work is not completed within two 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 Commission's Rail Crossings Engineering Section (RCES) may reevaluate the crossing prior to granting an extension.

Within 30 days after completion of this project, UP 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.

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If you have any questions, please contact Daniellia Fristoe at (916) 928-2108 or dvm@cpuc.ca.gov .

Sincerely,

A handwritten signature in black ink that reads "Daren Gilbert". The signature is written in a cursive style with a large, prominent "D" and "G".

Daren Gilbert, Supervisor
Rail Crossings Engineering Section
Consumer Protection and Safety Division

C: Terrel Anderson
Manager, Industry & Public Projects
Union Pacific Railroad
9451 Atkinson Street
Roseville, CA 95747