

## PUBLIC UTILITIES COMMISSION

320 West 4<sup>th</sup> Street, Suit 500  
Los Angeles, CA 90013



January 10, 2013

File Number: G.12-11-011

Kevin Emigh  
Supervising Civil Engineer  
Contra Costa County, Public Works Department  
255 Glacier Drive  
Martinez, CA 94553

**Re: General Order 88-B Request for Authority to Modify the Market Avenue Highway-Rail Crossing, CPUC Crossing No. 001A-13.60 and DOT No. 751692P in the County of Contra Costa.**

Dear Mr. Emigh:

This refers to your letter dated November 26, 2012, received by us on November 26, 2012, requesting authorization, pursuant to California Public Utilities Commission (Commission) General Order (GO) 88-B, to alter the Market Avenue at-grade highway rail-crossing (crossing) of the Union Pacific Railroad (UPRR) track in the County of Contra Costa (County). The crossing is identified as CPUC Crossing No. 001A-13.60 and DOT No. 751692P.

Market Avenue, running east-west, is a two lane roadway. The Market Avenue crossing consists of three tracks aligned in a north-south direction. The train traffic consists of both UPRR freight trains and Amtrak passenger trains. The trains run at 70 and 79 miles per hour, respectively. There is a sidewalk up to, but not through the crossing, in the southwest quadrant. The crossing is equipped with one Commission Standard 9 (flashing light signal assembly with automatic gate) warning device in the northeast quadrant and one Commission Standard 9-A (Commission Standard 9 with additional flashing light signals over the roadway on a cantilevered arm) warning device in the southwest quadrant.

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

- replacing the Commission Standard 9-A warning device in the southwest quadrant;
- relocating the Commission Standard 9 warning device in the northeast quadrant;
- installing one Commission Standard 8 (flashing light signal assembly) warning device in the northwest quadrant;
- installing one Commission Standard 8 warning device in the southeast quadrant;
- installing approximately 40 feet of concrete sidewalk in the southwest quadrant and approximately 150 feet of concrete sidewalk in each of the remaining quadrants;
- installing an asphalt concrete (AC) dike in front of the warning device in the southwest quadrant;
- installing a curb in front of the warning device in the northeast quadrant;

- removing the abandoned rail tracks in the roadway east of the crossing; and replacing the broken asphalt concrete with new hot mix asphalt (HMA) pavement
- installing American with Disabilities Act (ADA) detectable warning strips on all sidewalk approaches placed prior to the automatic warning devices.

The Commission's Rail Crossing Engineering Section (RCES) staff has investigated the request by the County, and finds it adequately addresses compliance and safety. As the County, and UPRR (Parties) 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 and attachments, and summarized above.

Temporary traffic controls shall be provided in compliance with section 8A.08, Temporary Traffic Control Zones, of the 2012 California Manual on Uniform Traffic Control Devices (CAMUTCD), published by the California Department of Transportation.

All Parties shall comply with all applicable rules, including other Commission General Orders, and 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, RCES may reevaluate the crossing prior to granting an extension.

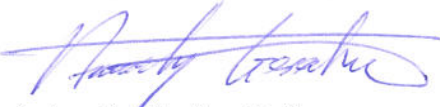
Within 30 days after completion of this project, the County shall notify RCES that the authorized work is completed by submitting a completed Commission Standard Form G *Report of Changes at Highway Grade Crossings and Separations*. Form G requirements and forms can be obtained at the CPUC web site Form G page at <http://www.cpuc.ca.gov/formg>. This report may be submitted electronically to [rces@cpuc.ca.gov](mailto:rces@cpuc.ca.gov) as outlined on the web page.

At the conclusion of the project UPRR should submit an updated Federal Railroad Administration (FRA) inventory form to the FRA, reflecting the changes. CPUC requests a concurrent copy of the updated inventory form be submitted to [rces@cpuc.ca.gov](mailto:rces@cpuc.ca.gov)

If you have any questions, please contact Felix Ko at (415) 703-3722 or email at [felix.ko@cpuc.ca.gov](mailto:felix.ko@cpuc.ca.gov).

Kevin Emigh  
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Sincerely,



Anton Garabatian, P. E  
Program and Project Supervisor  
Rail Crossings Engineering Section  
Safety and Enforcement Division

CC:

James H. Smith  
Brian Yip  
Rob Tavenier