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9451 Atkinson Street  
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## PUBLIC UTILITIES COMMISSION

180 Promenade Circle, Suite 115  
SACRAMENTO, CA 95834



June 9, 2010

File Number: G.10-05-001

Satwant Takhar  
Assistant City Manager  
City of Live Oak  
9955 Live Oak Blvd.  
Live Oak, CA 95953

**Re: General Order 88-B Request for Authority to Alter Elm Street Highway-Rail Crossing, CPUC Crossing No. 001C-151.50, DOT No. 753301A, in the City of Live Oak, Sutter County.**

Dear Mr. Takhar:

This refers to your letter dated April 29, 2010 and received by us on May 4, 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 Live Oak (City), County of Sutter. The crossing is identified as Elm Street Highway-Rail Crossing, CPUC Crossing No. 001C-151.50, DOT No. 753301A.

The crossing is currently equipped with two Commission Standard 9A (flashing light signal assembly with automatic gate arms and additional flashing lights on the cantilevered mast arms) warning devices and two W10-1 (RXR) advance warning signs. For this particular project, there are no proposed changes to the current warning devices. UPRR currently runs approximately 14-16 trains per day at 70 mph at the crossing.

The City states in its GO88-B request letter that "The public will benefit from the proposed project through improvements to safety and convenience. The installation of traffic signal control at Elm Street and SR-99, and the addition of the railroad preemption and interconnection, will allow motorists to more efficiently and safely cross and gain access to SR-99 and clear the tracks in the event a train approaches while queuing is experienced."

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

- Installation of a new traffic signal at the Live Oak Boulevard (SR-99) and Elm Street intersection, located approximately 170 feet east of the centerline of the Elm Street railroad crossing. The new signal will be interconnected with the UPRR facilities to achieve railroad preemption. A total of 39.5 seconds of advance preemption will be provided. Furthermore, the new signal will be interconnected with the existing traffic signal at the next intersection to the north at Pennington Road.
- Installation of two W10-2 advance warning signs on each approach of Live Oak Boulevard.
- Installation of a pedestrian barricade and associated "Pedestrians Prohibited" (R5-10C) sign. The pedestrian barricade and sign will be installed at the end of the sidewalk improvements in the northwest quadrant of the Live Oak Boulevard and Elm Street intersection.
- Removal of the existing R1-1 (STOP) signs at both Elm Street approaches to SR-99.
- Installation of curbs, gutters, traffic signal appurtenances, and sidewalk improvements including pedestrian curb ramps at the Live Oak Boulevard and Elm Street intersection. No roadway improvements are planned at the crossing.

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

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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.

If you have any questions, please contact Daniellia Fristoe at (916) 928-2108 or [dvm@cpuc.ca.gov](mailto: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, stylized "D" and "G".

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

C: Terrel Anderson  
Manager, Industry & Public Projects  
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