

## PUBLIC UTILITIES COMMISSION

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March 1, 2011

David Leamon  
Senior Civil Engineer  
Department of Public Works  
County of Stanislaus  
1716 Morgan Street  
Modesto, CA 95358

File No. G.11-01-004

**Re: General Order 88-B Request for Authority to Alter East Avenue Highway–Rail Crossing, CPUC Crossing No. 002-1076.40, DOT No. 028719F in the County of Stanislaus.**

Dear Mr. Leamon:

This refers to your letter signed by you on January 5, 2011, and received by us on January 20, 2011 requesting authorization pursuant to Commission General Order (GO) 88-B to alter an at-grade highway-rail crossing of the BNSF Railway (BNSF) track in the County of Stanislaus (County). The crossing is identified as East Avenue Highway-Rail Crossing, CPUC Crossing No. 002-1076.40, DOT No. 028719F.

East Avenue, running east-west, is a rural, two-lane major collector roadway at the crossing. The East Avenue crossing has a single track frequented by BNSF freight and Amtrak passenger trains. There are no medians or sidewalks at the crossing. Adjacent to the crossing, Santa Fe Avenue runs parallel to the track and forms an intersection with East Avenue which is controlled by a 4-way stop. The crossing is equipped with a Commission Standard 8 (flashing light signal assembly) warning device with a separate stub gate on both sides of the track.

This project is being done in conjunction with the Section 130 Program. The County states in its GO 88-B request letter that “The close proximity of the railroad crossing to the East Avenue and Santa Fe Avenue intersection limits storage space available for vehicles stopped at the intersection. There is approximately 40 feet of clearance between the stop bar and the railroad crossing. The addition of the W10-11A and W10-11B signs should draw special attention to the limited clearance and give motorists some warning to maneuver through the railroad crossing and intersection. Installation of W10-2 signs should warn motorists turning onto East Avenue of the railroad crossing running parallel with Santa Fe Avenue.”

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

- Removing all existing warning devices;
- installing one Commission Standard 9 (flashing light signal assembly with automatic gate) warning device in the northeast quadrant with additional sidelights directed to the north and south for Santa Fe Avenue traffic;
- installing one Commission Standard 9 warning device in the southwest quadrant;
- installing constant time warning device train detection;
- installing a new signal house in the northeast quadrant;
- installing guard railing in front of both warning devices;
- installing W10-2 warning signs 200 feet north and south of the East Avenue and Santa Fe Avenue intersection per plan;
- installing a W10-11A sign and R8-8 sign below on a single post (southwest quadrant) approximately 20 feet from the Commission Standard 9 warning device on the eastbound approach per plan;
- installing a W10-11B sign beneath the existing STOP sign at the East Avenue and Santa Fe Avenue intersection (southeast quadrant) for eastbound traffic per plan;
- relocating the W10-1 sign and corresponding pavement markings (RXR) on the eastbound approach approximately 300 feet from the railroad track per plan;
- installing a W3-1 sign with a STOP AHEAD pavement legend on the eastbound approach 550 feet west of the stop bar for the intersection of Santa Fe Avenue and East Avenue per plan;
- installing thermoplastic pavement striping and pavement markings (RXR) per plan.

Staff has investigated the request by the County and finds it adequately addresses compliance and safety. As the County 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 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 (CAMUTCD), published by Caltrans.

All parties shall comply with all applicable rules, including 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, staff from 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, the County 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](mailto:rces@cpuc.ca.gov) as outlined on the web page

If you have any questions, please contact Marvin Kennix at (916) 928-3809 or email at [mlk@cpuc.ca.gov](mailto:mlk@cpuc.ca.gov).

Sincerely,



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