

PUBLIC UTILITIES COMMISSION

180 PROMENADE CIRCLE, SUITE 115
SACRAMENTO, CA 95834



July 17, 2012

File Number: G.12-06-015
City of Chula Vista, County of San Diego

Chip Finch
Project Manager
San Diego Association of Governments
401 B Street, Suite 900
San Diego, CA 92101

Re: **General Order 88-B Request for Authority to Alter the E Street At-grade Rail Crossing, CPUC Crossing No. 036-7.10 and DOT No. 662161X in the City of Chula Vista, San Diego County.**

Dear Mr. Finch:

This refers to your letter dated June 13, 2012 (received June 15, 2012), requesting authority, pursuant to California Public Utilities Commission (Commission) General Order (GO) 88-B, to modify the existing at-grade crossing of San Diego and Arizona Eastern Railway (SDAE) Mainline 36 tracks and E Street in the City of Chula Vista (City), San Diego County. The crossing is identified as CPUC Crossing Number 036-7.10 and DOT Number 662161X.

The E Street at-grade crossing is a four lane roadway, two in each direction which crosses over two SDAE mainline tracks. The crossing is currently equipped with two Commission Standard 9 (flashing light signal assembly with automatic gate arm) warning devices, medians, pavement markings and advanced warning signage. Interstate 5 Freeway (I-5) runs parallel to the tracks and northbound I-5 off-ramp and on-ramp is located adjacent and west of the crossing. In addition to freight trains, San Diego Trolley Inc. (SDTI) operates light rail trains over the SDAE mainline. Approximately four (4) freight trains per day at a maximum speed of 40 MPH, typically at night, and one hundred ninety-six (196) light rail trains per day at a maximum speed of 55 MPH operate over this portion of the mainline. The average daily traffic count at this crossing is 28,000 vehicles.

San Diego Association of Governments (SANDAG) proposes the following modifications to the E Street crossing as part of the Blue Line Crossovers Project that proposes improvements along this corridor:

- Remove the two existing curb mounted Commission Standard 9 warning devices;
- Install one new curb mounted and one new median mounted Commission Standard 9 warning devices in the northeast quadrant of the crossing for westbound E Street;

- Install one new curb mounted and one new median mounted Commission Standard 9 warning devices in the southwest quadrant of the crossing for eastbound E Street. Median mounted device to be equipped with a pair of additional flashing lights aimed for traffic along the northbound I-5 off-ramp approach;
- Relocate traffic signal located on the median for eastbound E Street to accommodate new Commission Standard 9 warning device, as shown on plans;
- Construct a new raised median 8-inches in height, 9-feet in width, 60-feet in length, and striping to extend an additional 40 feet for a total of 100 feet, on the westbound approach to crossing, as shown on plans;
- Construct Americans with Disabilities Act (ADA) complaint sidewalks on both sides of the crossing;
- Construct curb ramps, curb, gutter and ADA compliant sidewalk landing on the southwest and northwest quadrants of the crossing;
- Install pedestrian crosswalk pavement markings at the I-5 on-ramp and off-ramp and E Street intersection west of the crossing;
- Install ADA compliant detectable warning tactile strips on all sidewalk approaches to the crossing; and
- Install California Manual on Uniform Traffic Control Devices (CA MUTCD) compliant signage and pavement markings, including W10-1 and W10-2 advance warning signs, W48 (CA) 2 tracks signs, R8-8 "DO NOT STOP ON TRACKS" signage, R3-4 "NO U TURN", KEEP CLEAR and RXX pavement markings, as shown in plans.

The Commission's Rail Crossings Engineering Section (RCES) investigated the request filed by SANDAG and finds it adequately addresses compliance and safety. As SANDAG, SDAE and the City are in agreement as to the design and apportionments of the cost under the provisions of GO 88-B, the improvements as described in your request letter dated June 13, 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 Pubic 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 RCES, 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, RCES may reevaluate the crossing prior to granting an extension.

Within 30 days after completion of this project, SANDAG and/or SDAE 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, SDAE must also 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 Sergio Licon at (213) 576-7085 or sal@cpuc.ca.gov.

Sincerely,



Daren Gilbert, Manager
Rail Transit and Crossings Branch
Consumer Protection and Safety Division

- C: Richard A. Hopkins – Works/City Engineer, City of Chula Vista
Paul Jablonski – Board Member/Alternate, San Diego & Arizona Eastern Railway, and
Chief Executive Officer, Metropolitan Transit System (for SDTI)
Amy L. Vargas, Traffic Engineer – California Department of Transportation, Caltrans