

## PUBLIC UTILITIES COMMISSION

180 Promenade Circle, Suite 115  
Sacramento, CA 95834-2939



February 17, 2012

File Number: G.11-11-001  
City of Los Angeles, Los Angeles County

Eric R. Olson, P.E.  
Chief Project Officer  
Exposition Metro Line Construction Authority  
707 Wilshire Boulevard, 34th Floor  
Los Angeles, CA 90017

**Re: General Order 88-B Request for Authority to Alter the Arlington Avenue At-Grade Highway-Light Rail Crossing, identified as CPUC Crossing No. 84S-103.40 in the City of Los Angeles, Los Angeles County.**

Dear Mr. Olson:

This refers to your letter, dated October 6, 2011 (received on November 11, 2011), requesting authorization, pursuant to Commission General Order (GO) 88-B, to modify the existing Arlington Avenue at-grade crossing (crossing) of the Los Angeles County Metropolitan Transportation Authority's (LACMTA) Exposition Phase 1 tracks in the City of Los Angeles (City), Los Angeles County. The crossing is currently identified as CPUC Crossing No. 84S-103.40.

The Arlington Avenue at-grade crossing is a four lane roadway traversing two light rail transit tracks. The crossing is located immediately south of the Arlington Avenue/Exposition Boulevard intersection (south leg). The light rail transit tracks cross Arlington Avenue from east to west at an approximate 60 degree angle.

Construction of the Arlington Avenue at-grade crossing was authorized by Commission Decision (D.) 07-12-029, as part of the Exposition Light Rail Project by the Exposition Construction Authority (Expo Authority). Due to right-of-way constraints, the original crossing design approved by the Commission showed the southeast quadrant Commission Standard 9 (flashing light signal assembly with automatic gate arm) warning device located on the median island, immediately south of a Commission Standard 9-E (flashing light signal assembly with automatic gate arm installed on the departure side of the at-grade crossing, also known as an exit gate) warning device for the southwest quadrant. In addition, the design of the pedestrian treatments consisted of swing gates and one Commission Standard 8 (flashing light signal assembly) warning device located in both the southeast and southwest quadrants.

During the development of the final crossing design, the Expo Authority was able to acquire additional property at the southeast quadrant of the crossing. The property acquisition allowed for a redesign of the crossing warning devices to provide for a safer and more efficient configuration. Therefore, Expo Authority is now formally requesting authorization for the modification of the original crossing design after the fact.

Specifically, Expo Authority performed the following alterations to the original crossing design during construction of the Arlington Avenue crossing:

- Installed one new curb mounted Commission Standard 9 warning device with 12-inch LED flashing lights for northbound Arlington Avenue at the southeast quadrant, instead of the previously authorized median location. This allowed for better alignment with the Commission Standard 9-E warning device on the southwest quadrant;
- Installed one new curb mounted Commission Standard 9 pedestrian gate warning device in combination with emergency swing gate for the pedestrian sidewalk approach to the crossing on the southeast quadrant, instead of the previously authorized Commission Standard 8 warning device; and
- Installed one new curb mounted Commission Standard 9 pedestrian gate warning device in combination with emergency swing gate for the pedestrian sidewalk approach to the crossing on the southwest quadrant, instead of the previously authorized Commission Standard 8 warning device.

In all other respects, the crossing was constructed as originally authorized by D.07-12-029. After the completion of the alterations, and acceptance by LACMTA, the operation and maintenance of the crossing with the two light rail tracks and OCS will be the responsibility of LACMTA.

The Commission's Rail Crossings Engineering Section (RCES) investigated the request by Expo Authority and finds it adequately addresses compliance and safety. As Expo Authority, LACMTA 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 dated October 6, 2011 and summarized above are authorized.

Temporary traffic controls shall be provided in compliance with the California Manual on Uniform Traffic Control Devices (CA MUTCD), published by the California Department of Transportation. All parties shall comply with all applicable rules, including Commission General Orders and CA MUTCD.

The requirements of the California Environmental Quality Act of 1970, as amended, as outlined in D.07-12-029, continue to apply to this modification, which falls within the original environmental findings.

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.

In accordance with Ordering paragraph 8 of D.07-12-029, for all of the Expo crossings, Expo Authority shall notify RCES that the authorized work is completed, by submitting a completed Commission Standard Form G title *Report of Changes at Highway Grade Crossings and Separation*. 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.

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If you have any questions, please contact Jose Pereyra at 213-576-7083 or [jfp@cpuc.ca.gov](mailto:jfp@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 initial "D".

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

- C: Sean Skehan, City of Los Angeles DOT, 100 S. Main Street, 10th Floor, Los Angeles, CA 90012  
Curtis Tran, City of Los Angeles BOE, 1149 S. Broadway, 8th Floor, Los Angeles, CA 90015  
John C. Miller, LACMTA, 1 Gateway Plaza, Los Angeles, CA 90012