

PUBLIC UTILITIES COMMISSION

320 W 4TH STREET, SUITE 500
LOS ANGELES, CA 90013



April 9, 2018

File Number: XREQ2017120003

Atlantic Avenue

Cities of South Gate and Cudahy, Los Angeles County

Kenneth Tang
Senior Civil Engineer
City of South Gate
8650 California Avenue
South Gate, CA 90280

SENT VIA EMAIL

Re: General Order 88-B Request for Authority to Alter the two adjacent Atlantic Avenue At-Grade Highway-Rail Crossings, identified as CPUC Crossing No. 001BK-492.00, DOT No. 748095E, and CPUC Crossing No. 003A-7.50, DOT No. 810956W, in the Cities of South Gate and Cudahy, Los Angeles County.

Dear Mr. Tang:

This refers to your letter dated October 3, 2014, resubmitted and received electronically on November 27, 2017, requesting authorization, pursuant to California Public Utilities Commission (Commission) General Order (GO) 88-B, to modify two adjacent at-grade crossings (crossings) on Atlantic Avenue of the Union Pacific Railroad Company (UPRR) in the Cities of South Gate (South Gate) and Cudahy, Los Angeles County. The two crossings are identified as CPUC Crossing No. 001BK-492.00/US DOT No. 748095E and CPUC Crossing No. 003A-7.50/US DOT No. 810956W, respectively.

Atlantic Avenue is a north-south oriented five lane roadway traversing the two crossings. The northerly crossing is UPRR's Patata Industrial Lead tracks while the southerly crossing is UPRR's San Pedro Subdivision tracks. Atlantic Avenue intersects with Patata Street/Salt Lake Avenue approximately 60 feet north of the northerly crossing. The intersection of Atlantic Avenue/ Patata Street/Salt Lake Avenue is in Cudahy. Atlantic Avenue intersects with Firestone Avenue approximately 800 feet south of the southerly crossing. The intersection of Atlantic Avenue/Firestone Boulevard is in South Gate.

South Gate has constructed a signalized intersection of Atlantic Avenue by Azalea West, approximately 250 feet south of the southerly crossing. Azalea West serves as an access point to the newly developed Azalea Shopping Center located at the northwest corner of the Atlantic Avenue/Firestone Boulevard intersection. South Gate interconnected the Azalea West/Atlantic Avenue intersection with the two crossings. In addition, the new intersection is also interconnected and coordinated with the signalized intersections of Atlantic Avenue/Patata Street/Salt Lake to the north, and Atlantic Avenue/Firestone Boulevard to the south. South Gate also developed a Queue Management Plan to continuously clear vehicle queues from both the Atlantic Avenue crossings, and the nearby Firestone Boulevard crossing.

South Gate requests authority to modify the crossings, as follows:

CPUC Crossing No. 001BK-492.00/US DOT No. 748095E (Patata Industrial Lead)

- Install 8 inch raised medians extending south to Crossing No. 003A-7.50/US DOT No. 810956W and north to the intersection of Atlantic Avenue/Salt Lake Avenue/Patata Street;
- Install one curb-mounted Commission Standard 9 (flashing light signal assembly with automatic gate arm) warning device for the southbound vehicular approach, with 12” light emitting diode (LED) flashing lights, at the northwest quadrant of the crossing;
- Install one curb-mounted Commission Standard 9 warning device for the northbound vehicular approach, with 12” LED flashing lights, at the southeast quadrant of the crossing;
- Install one median-mounted Commission Standard 9 warning device for the northbound vehicular approach, with 12” LED flashing lights;
- Install one median-mounted Commission Standard 9 warning device for the southbound vehicular approach, with 12” LED flashing lights;
- Install Americans with Disabilities Act (ADA) complaint sidewalks on all approaches to the crossing;
- Install ADA compliant standard detectable warning tactile strips on the sidewalk approaches to the crossing;
- Apply California Manual on Uniform Traffic Control (CA MUTCD)-compliant signage and pavement markings, including W10-1 advance warning signs, W48 (CA) 2 tracks signs, R8-8 “DO NOT STOP ON TRACKS” signage and “RXR” pavement markings.
- Install a pre-signal for northbound Atlantic Avenue at the intersection with Salt Lake Avenue/Patata Street and the crossing; and
- Install “NO RIGHT” “TURN” ON RED” signs (R13A(CA)) for northbound right turn lane.

CPUC Crossing No. 003A-7.50/US DOT No. 810956W (San Pedro Subdivision)

- Install 8 inch raised median for approximately 200 feet south crossing No. 003A-7.50/US DOT No. 810956W to the intersection of Atlantic Avenue/Azalea West;
- Install one curb-mounted Commission Standard 9 warning device for the southbound vehicular approach, with 12” LED flashing lights, at the northwest quadrant of the crossing;
- Install one curb-mounted Commission Standard 9A (Standard 9 with additional flashing light signals on cantilever) warning device for the northbound vehicular approach, with 12” LED flashing lights, at the southeast quadrant of the crossing;
- Install one median mounted Commission Standard 9 warning device for the northbound vehicular approach, with 12” LED flashing lights;
- Install one median-mounted Commission Standard 9 warning device for the southbound vehicular approach, with 12” LED flashing lights;
- Install Americans with Disabilities Act (ADA) complaint sidewalks on the west side of the crossing;
- Install ADA compliant standard detectable warning tactile strips on the sidewalk approaches to the crossing; and
- Apply CA MUTCD-compliant signage and pavement markings, including W10-1 advance warning signs, W48 (CA) 2 tracks signs, R8-8 “DO NOT STOP ON TRACKS” signage and “RXR” pavement markings.

South Gate also developed a Queue Management Plan to address the extensive vehicle queuing that occurs along Atlantic Avenue affecting the two crossings. As part of its Queue Management Plan, South Gate proposes the following:

- Use one new traffic signal controller to operate both the traffic signal for the Atlantic Avenue/Salt Lake Avenue/Patata Street intersection and the traffic signal for the Atlantic Avenue/Azalea West intersection;
- Interconnect the traffic signal controller to the two crossings;
- Implement advance railroad preemption time of 63 seconds for CPUC Crossing No. 001BK-492.00/US DOT No. 748095E (Patata Industrial Lead);
- Implement advance railroad preemption time of 48 seconds for CPUC Crossing No. 003A-7.50/US DOT No. 810956W (San Pedro Subdivision);
- Interconnect the new traffic signal controller with the existing traffic signal controller for the intersection of Atlantic Avenue/Firestone Boulevard to the south;
- Install queue detection loops at two locations (Stage 1 & 2) on Atlantic Avenue; and
- Implement queue detection on Atlantic Avenue to manage potential queues in accordance with the Queue Management Plan.

South Gate completed the improvements described in the request without Commission authorization. However, the Commission's Rail Crossings Engineering Branch (RCEB) conducted a field inspection and determined that the modifications are in substantial conformance to those described in South Gate's request, and that the modifications adequately address compliance and safety. The improvements as described in your request dated October 3, 2014, resubmitted and received electronically on November 27, 2017, and summarized above, are authorized and verified.

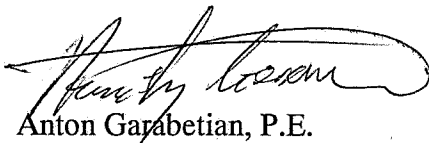
Emergency Notification Signs are installed to comply with CFR 234.309.

This project is categorically exempt from the requirements of the California Environment Quality Act of 1970, as amended [California Public Resources Code 21084].

UPRR should electronically submit an updated Federal Railroad Administration (FRA) inventory form (Form F6180.71) reflecting the changes. 49 CFR 234 Section 234.409 requires the railroads to submit periodic crossing inventory updates a minimum of once every three years. Commission requests a concurrent copy of the updated inventory form be submitted to rceb@cpuc.ca.gov.

If you have any questions, please contact Jose Pereyra at (213) 576-7083 or jfp@cpuc.ca.gov.

Sincerely,



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

cc: **(SENT VIA EMAIL)**
Jose E. Pulido, City of Cudahy
Daniel Moreno, UPRR

