

## PUBLIC UTILITIES COMMISSION

320 West 4th Street, Suite 500, Los Angeles, CA 90013



October 16, 2023

File Number: XREQ 2023100009  
Middlefield Road  
Unincorporated San Mateo CountyCarter Choi  
Senior Civil Engineer  
County of San Mateo  
555 County Center, 5th Floor  
Redwood City, CA 94063**Re: General Order 88-B Request for Authority to Alter the Middlefield Road Rail Crossing**

Dear Carter Choi:

This refers to your letter dated September 18, 2023, received by us on September 27, 2023, requesting authorization, pursuant to California Public Utilities Commission (Commission/CPUC) General Order (GO) 88-B, to alter the Middlefield Road rail crossing (crossing) of the Union Pacific Railroad Company (UPRR) tracks, in Unincorporated San Mateo County (County). The crossing is identified as CPUC Crossing Number 001DAB-26.70 and DOT Number 750010A.

The crossing is a Northwest-Southeast, four-lane roadway that consists of three tracks. There is a driveway on the south side of the crossing. The crossing is equipped with two curb-mounted Commission Standard 9-A (Flashing Light Signal Assembly with Automatic Gate Arm and Additional Flashing Light Signals over the Roadway on a Cantilevered Arm) warning devices for Middlefield Rd and one Commission Standard 8 (Flashing Light Signal Assembly) warning device for the driveway.

The Commission's Rail Crossings and Engineering Branch (RCEB) reviewed the request by the County. As the County and UPRR agree on the alterations and apportionment of costs under the provisions of GO 88-B, the following alterations as described and specified in the request letter and its attachments are authorized:

- Relocate the Commission Standard 9-A warning devices in the northwest and southeast quadrants.
- Remove the existing Commission Standard 8 for the driveway in the southwest quadrant, and relocate the driveway further southeast, away from the tracks.
- Install a Commission Standard 9 for the driveway in the southwest quadrant.
- Construct a raised concrete median for the driveway.
- Install traffic signal systems and railroad circuitry to provide advance railroad preemption at the intersection of Middlefield Rd and Hurlingame Ave, as well as the intersection of Middlefield Rd and Pacific Ave.
- Install a left turn restriction for westbound Northside Ave, converting Northside Ave to right turn only at Middlefield Road.
- Install crosswalks at the Middlefield Rd and Hurlingame Ave, Middlefield Rd and Northside Ave, and Middlefield Rd and Pacific Ave intersections.
- Construct curb ramps at the Middlefield Rd and Hurlingame Ave, Middlefield Rd and Northside Ave, and Middlefield Rd and Pacific Ave intersections.

- Remove the existing mid-block crosswalk and curb mounted rectangular rapid-flashing beacon devices.
- Construct American with Disabilities Act-compliant sidewalk behind the warning devices in the northwest and southeast quadrants of the crossing.
- Install detectable warning surfaces in all quadrants.
- Construct a raised concrete median on the north approach.
- Install bicycle lanes in each direction on Middlefield Rd.
- Apply California Manual on Uniform Traffic Control Devices (CA MUTCD)-compliant signage and pavement markings, including R8-8 DO NOT STOP ON TRACKS, R8-10 STOP HERE WHEN FLASHING, and R3-18 NO LEFT TURN AND U TURN regulatory signs.

Temporary traffic controls shall be provided in compliance with the CA MUTCD, published by the California Department of Transportation. All parties shall comply with all applicable rules, including Commission General Orders and CA MUTCD.

This authorization shall expire if the full scope of alterations is not complete within three years of the date of this letter. The County may request a time extension at least 30 days prior to the expiration date. The time extension request shall include evidence of agreement by involved parties. This authorization may be revoked or modified if public convenience, necessity, or safety requires.

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

The following requirements pertain to this authorization:

- The crossing shall have the configuration and operational characteristics as described and specified in the request letter and its attachments.
- The County and/or UPRR shall notify RCEB at least 45 days prior to the date that the new or modified interconnection is placed in service by sending notification to [rceb@cpuc.ca.gov](mailto:rceb@cpuc.ca.gov).
- Within 30 days after the authorized scope of alterations is complete, the County shall notify RCEB of the alterations by submitting a Form G to [rceb@cpuc.ca.gov](mailto:rceb@cpuc.ca.gov). Form G requirements and forms are available on the CPUC web site at <http://www.cpuc.ca.gov/crossings>.
- UPRR shall electronically submit an updated Federal Railroad Administration (FRA) inventory form (Form F6180.71) to the FRA per 49 C.F.R. § 234.411(c).

If you have any questions, please contact Eyitejumade “Ade” Sogbesan at (415) 703-1869 or [es3@cpuc.ca.gov](mailto:es3@cpuc.ca.gov).

Carter Choi  
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Sincerely,

A handwritten signature in blue ink that reads "Matthew Bond". The signature is written in a cursive, slightly slanted style.

Matthew Bond, PE  
Program and Project Supervisor  
Rail Crossings and Engineering Branch  
Rail Safety Division

cc: Kenneth Tom, UPRR