



Rail Safety Enhancement Program, Phase A

JANUARY 2024

PROJECT OVERVIEW

In response to the Alameda County Goods Movement Plan approved in 2016, individual rail crossings throughout the County were examined to identify crossings and corridors most impacted by rail traffic and to identify where rail crossings safety can be enhanced. The crossings analysis considered the following primary factors:

- Current and potential future rail volumes and routing, annual average daily automobile traffic, accident history, land use sensitivities and equity priority communities
- Safety, delay, noise and air quality

Once the crossing analysis identified needed at-grade rail crossing safety enhancements, those most impacted and in need of improvements were included in the Rail Safety Enhancement Program (RSEP).

Implementation of the program is a three-phased approach: RSEP-A, RSEP-B, and RSEP-C. RSEP-A, is comprised of crossings that are within six local jurisdictions, with recommended safety enhancements centered around pedestrian treatments, such as sidewalks, automatic pedestrian gates, channelization, lighting, warning strips, fencing and gates, and signing and striping. These near-term upgrades will have significant and immediate positive safety impacts for our local communities.



PROJECT NEED

- Alameda County has a high volume of rail activity combined with densely populated residential areas.
- Pedestrian oriented safety devices are lacking in most of these areas.

PROJECT BENEFITS

- Improves pedestrian, bicycle and vehicle user safety with an emphasis on schools
- Improves rail and roadway safety
- Supports economic vitality by supporting rail connectivity to the Port of Oakland
- Supports freight rail operations
- Supports housing and commercial redevelopment
- Improves transportation viability for passenger rail service and roadway networks
- Achieves emissions reductions through reduced idling supporting state and regional air quality goals—protecting our climate and maintaining the health of communities
- Promotes equity because these rail lines are often in low income and historically underserved communities



Rail crossing along 37th Avenue in the City of Oakland.



Rail crossing on L Street in the City of Livermore.

STATUS

Implementing Agency: Alameda CTC

Current Phase: Final Design

- The final Initial Studies/Mitigated Negative Declaration (ISMND) was adopted in September 2023.
- The project recently completed the 65% Final Design milestone.

PARTNERS AND STAKEHOLDERS

Alameda CTC, Alameda County and the cities of Berkeley, Hayward, Livermore, Oakland, and San Leandro, the California Public Utilities Commission, Union Pacific Railroad, and Caltrans

Note: Information on this fact sheet is subject to periodic updates.

COST ESTIMATE BY PHASE (\$ X 1,000)

Environmental	\$2,284
Design	\$7,684
Right-of-Way	\$2,180
Construction ¹	\$88,906
Total Expenditures	\$101,054

¹Inclusive of Union Pacific signal and track costs.

FUNDING SOURCES (\$ X 1,000)

Measure BB	\$7,972
Federal ²	\$25,001
TBD	\$68,081
Total Revenues	\$101,054

²\$25 million of Consolidated Rail Infrastructure and Safety Improvements Program (CRISI); \$1,000 earmark

SCHEDULE BY PHASE

	Begin	End
Environmental/Advance Preliminary Design	Fall 2020	Summer 2023
Final Design	Summer 2023	Spring 2025
Right-of-Way	Summer 2023	Winter 2025
Construction	Winter 2026	Fall 2029

Note: Project schedule subsequent to the preliminary engineering/ environmental phase is contingent on funding availability for future phases.