



ALAMEDA COUNTY TRANSPORTATION COMMISSION

Rail Safety Enhancement Program

Request to Approve Actions for Advancement



Presented to the Programs and Projects Committee, July 13, 2020
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Today's Objectives

- Background on the Rail Safety Enhancement Program
- Update on Delivery Plan
- Request two actions to advance the program into Environmental and Design Phases – Agreements for:
 1. Program Management Oversight (PMO)
 2. Environmental and Design Services



Rail Safety in Alameda County

- Agency and Federal Railroad Agency (FRA) analysis identified rail safety as critical for Alameda County
- High rail volumes and close proximity to neighborhoods and schools
- Noted as implementation effort in Goods Movement Plan



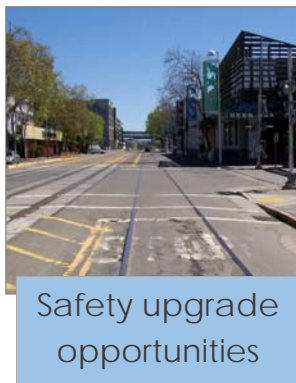
Since 2016:
22 fatalities from trespassing



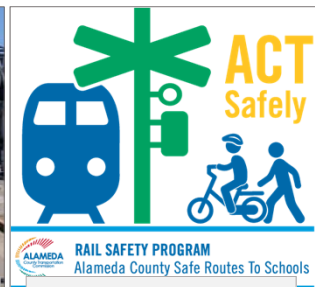
Alameda CTC Rail Grade Crossing Framework



Prioritization



Safety upgrade opportunities



SR2S rail safety education



Rail Safety Enhancement Program



Need for a Safety Enhancement Program

Existing safety issues at crossings and with trespassing

Requires close coordination with UPRR and CPUC

Complex regulation and design standards

Efficiencies when delivering multiple improvements at same time

Upcoming funding opportunities



- Program management
- Close partnership with jurisdictions
- Coordination with railroads, state, and regional agencies



RSEP Key Milestones

- Commission approved Prioritization approach (March 2018)
- Commission allocated \$5.5 million of MBB to RSEP (February 2019)
- Staff released RFP for two Agreements (February 2020)
- Interviews for top-ranked firms and selection (May 2020)
- Contract negotiations and final contract value (June 2020)

This month: Request for Commission approval and contract execution



RSEP Delivery Plan

Two agreements for Environmental and Design Phases:

- **Program Management Oversight**

- Creating and implementing program delivery strategy
- Directing the environmental and design consultants
- Leading coordination with stakeholder agencies including cities, County, UPRR and CPUC

- **Environmental and Design Services**

- NEPA and CEQA environmental clearance
- Preparation of plans and construction contract documents at 30%, 65%, 95%, and 100%(final) levels



RSEP Delivery Plan (cont'd)

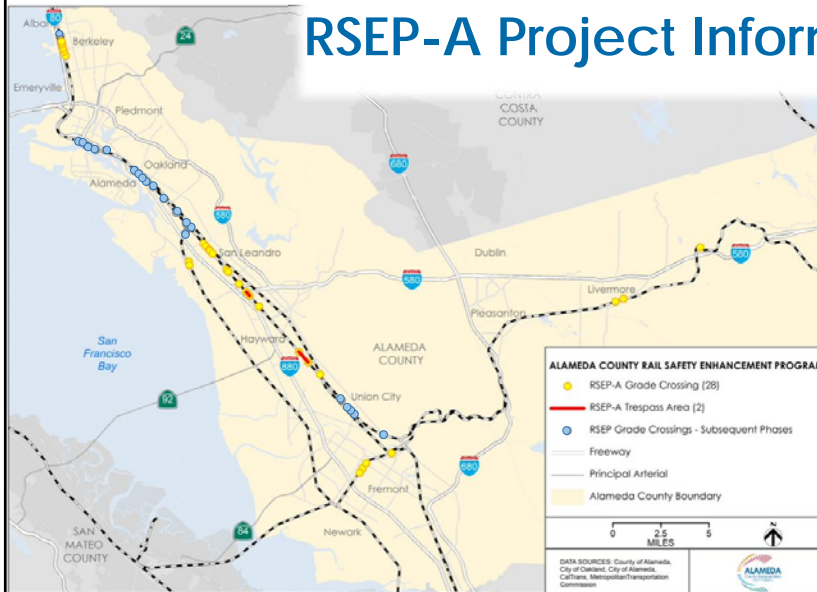
- Partnering with Caltrans and MTC on joint-applications for grant funding for construction (TCEP and BUILD)

- Focusing on first phase - RSEP-A

- Efficient delivery of a very large program
- Funding application critical milestones
- Schools and trespass areas
- Similar environmental clearances
- 28 at-grade crossings + 2 trespass areas



RSEP-A Project Information



**RSEP-A
Total Project Cost:
\$57.6 million**

**MBB Funding:
\$5.5 million**

RSEP-A Schedule		
	Begin	End
Environmental	Fall 2020	Summer 2021
Design	Fall 2020	Summer 2022
Construction	Late 2022	Late 2026

*Schedule and costs are subject to change



Anticipated Future Actions

- Environmental clearance RSEP-A, RSEP-B
- Contract amendment to add RSEP-B crossings
- Construction Plan RSEP-A, RSEP-B
- Project updates as necessary



Recommended Action

- Approve and authorize the Executive Director to execute two Professional Services Agreements for the Rail Safety Enhancement Program (RSEP):
 - A20-0013 with **TY Lin International** for a negotiated amount, not to exceed \$1.59 million for **Program Management Oversight (PMO)**; and
 - A20-0014 with **Kimley-Horn and Associates, Inc.** for a negotiated amount, not to exceed \$3.86 million for **Environmental and Design services**.



Thank You

For more information, visit

www.AlamedaCTC.org