Local Hazard Mitigation Plan 2027 Update

Title VI Environmental Justice Advisory Committee

Plan Update Overview

August 6, 2026

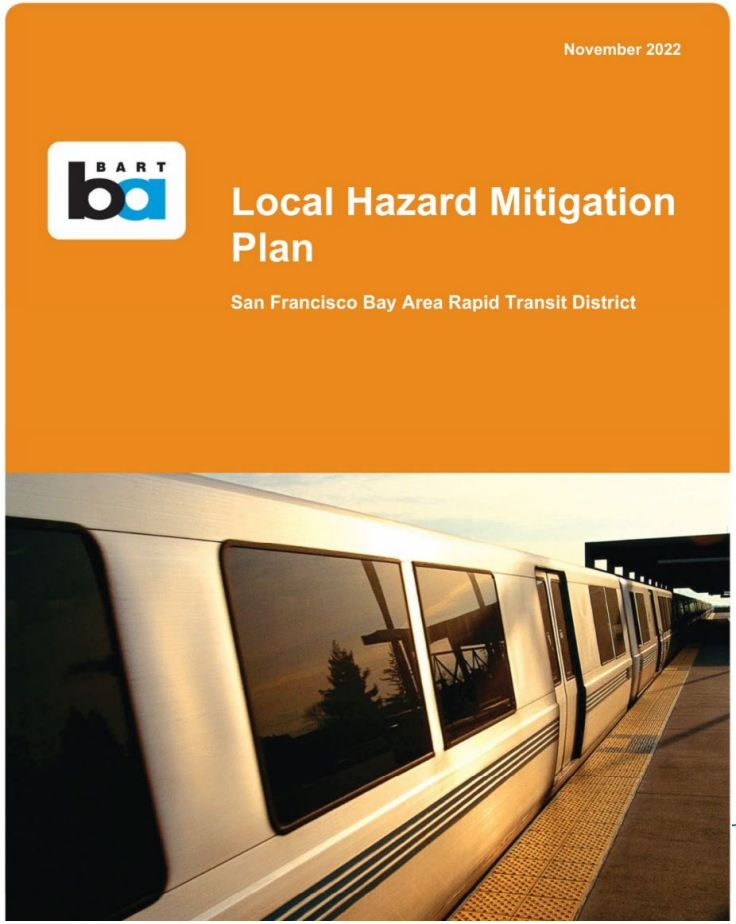
Presentation Agenda

- Purpose of Local Hazard Mitigation Plan (LHMP)
- Introduction of LHMP
- Plan Review & Update Approach

Purpose of the Local Hazard Mitigation Plan

The Federal Disaster Mitigation Act of 2000 requires local governments to develop a Local Hazard Mitigation Plan

An approved plan makes BART eligible for mitigation grant assistance



Local Hazard Mitigation Plan Goal

Maintain and enhance a disaster-resistance District by reducing the potential for loss of life, property damage, and environmental degradation from natural disasters, while supporting economic recovery from such disasters.

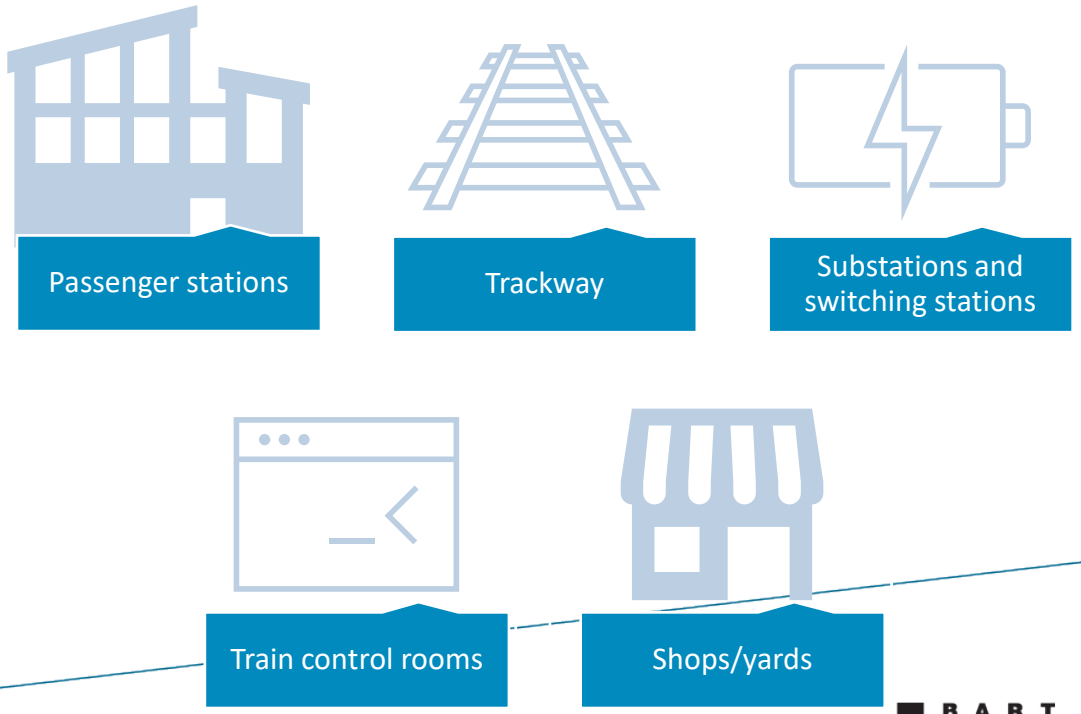
Introduction of Local Hazard Mitigation Plan- Plan Elements

1. Introduction
2. Planning process
   a. Staff and tasks in planning
   b. Engagement
3. Hazard Identification and Risk Assessment profiles
   a. Profile descriptions (type, location, extent, probability, climate change, impacts, historical events)
4. Mitigation strategy
   a. Mitigation goal and measures
   b. Existing programs and resources
   c. Strategies
5. Plan Review/ Plan Adoption

Introduction of Local Hazard Mitigation Plan - Planning Boundary

BART's right-of-way

Emphasis on BART's critical assets



Planning Review Approach - Teams

Core Administrative Team

- Standards and Resiliency, Sustainability, BART Security Programs and Emergency Management, and Engineering Safety

Internal

- Emergency Prep. Task Force Committee (EPTFC)
- Subject matter experts (Engineers, Transportation, etc.)

External

- **Title VI EJC Committee**
- Local cities and counties

Introduction of Local Hazard Mitigation Plan - Hazard and Risk Assessment

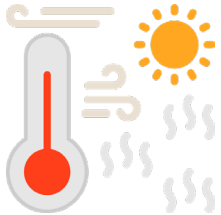
- Earthquake-related:

Shaking and Liquefaction

Landslide

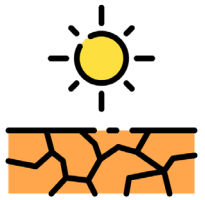
Tsunami

- Weather-related:



Extreme Heat

Wildfire



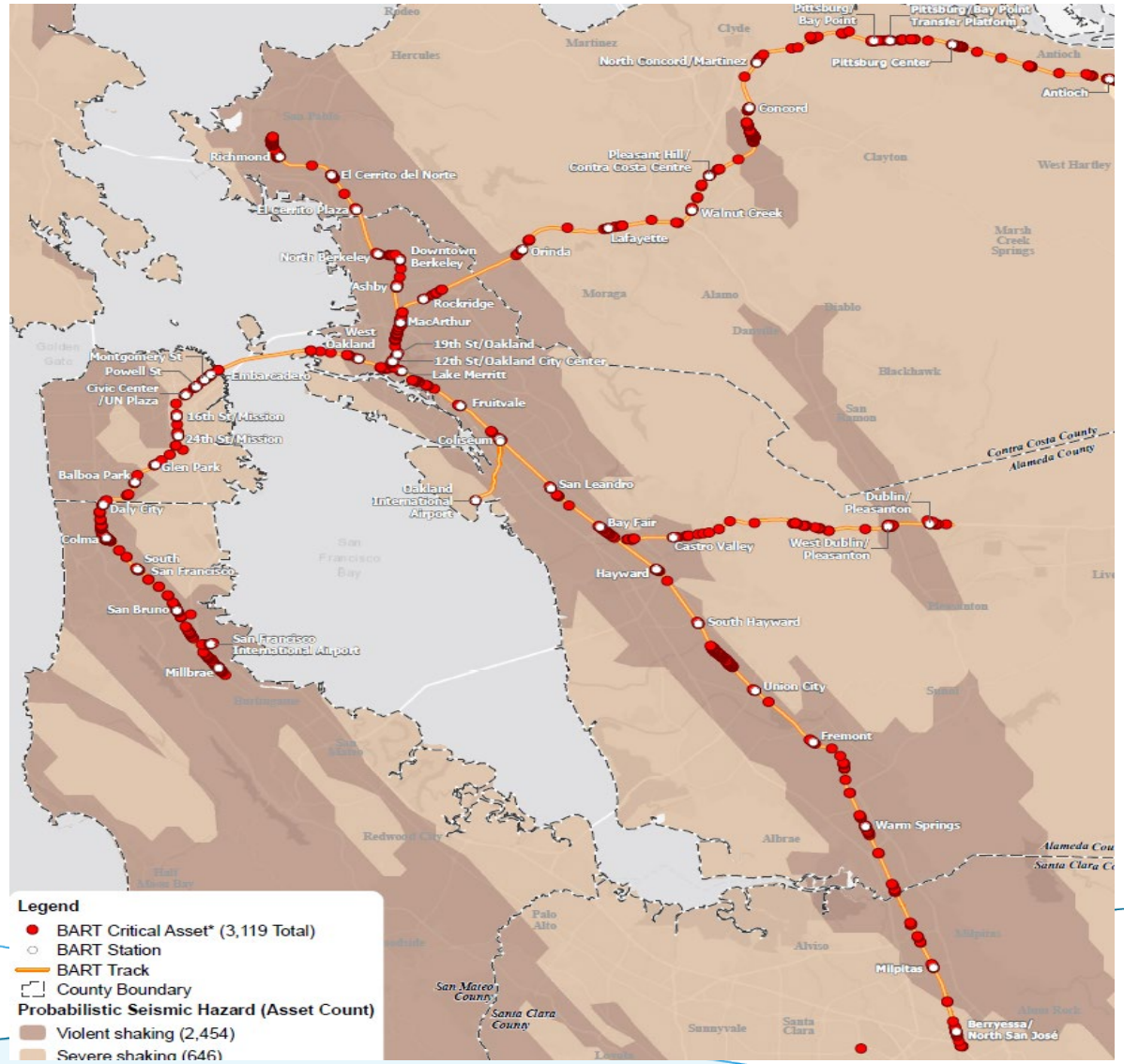
Drought

- Sea-level rise & flooding:

Sea Level Rise

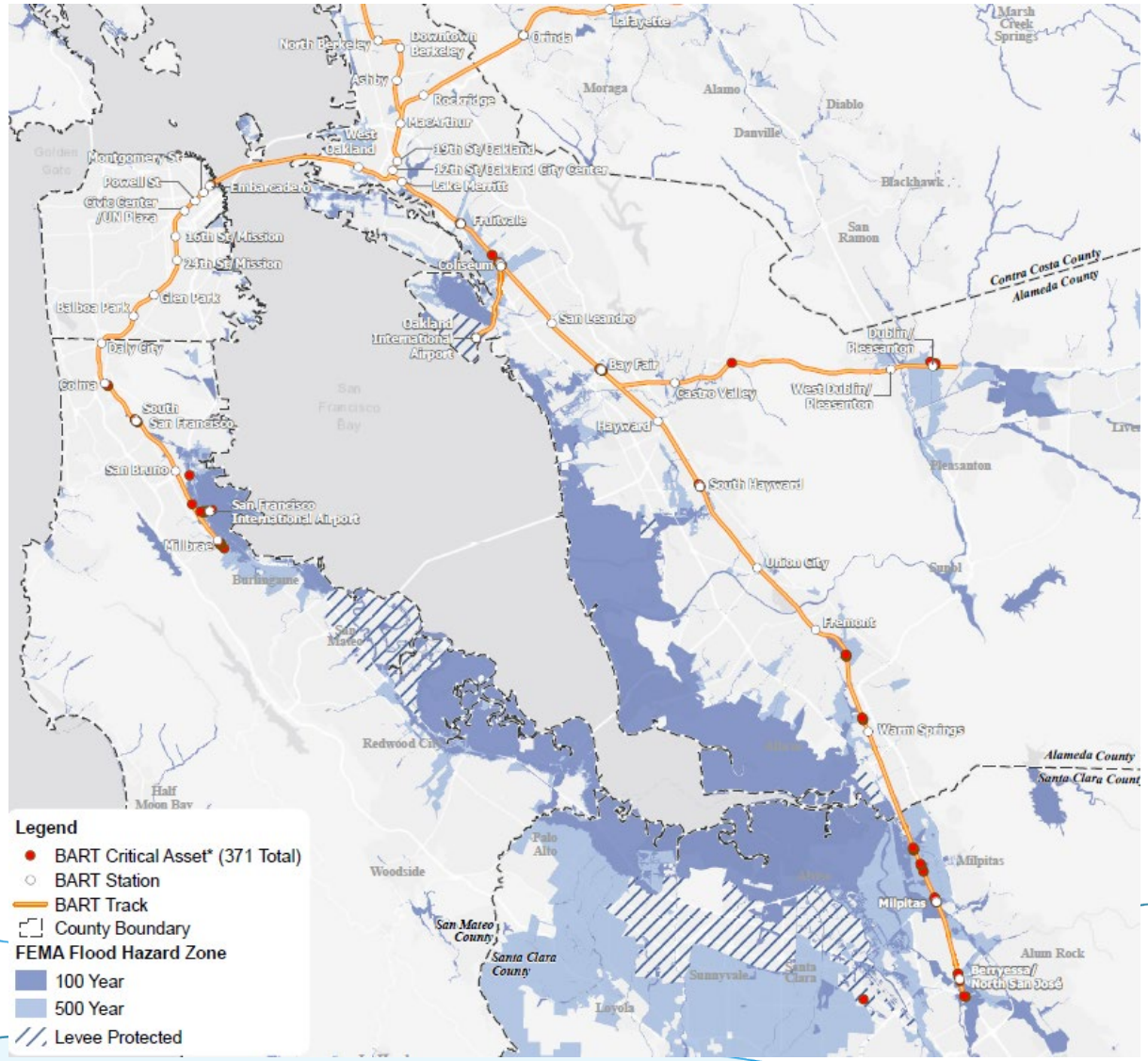
Flooding

Earthquake Shaking



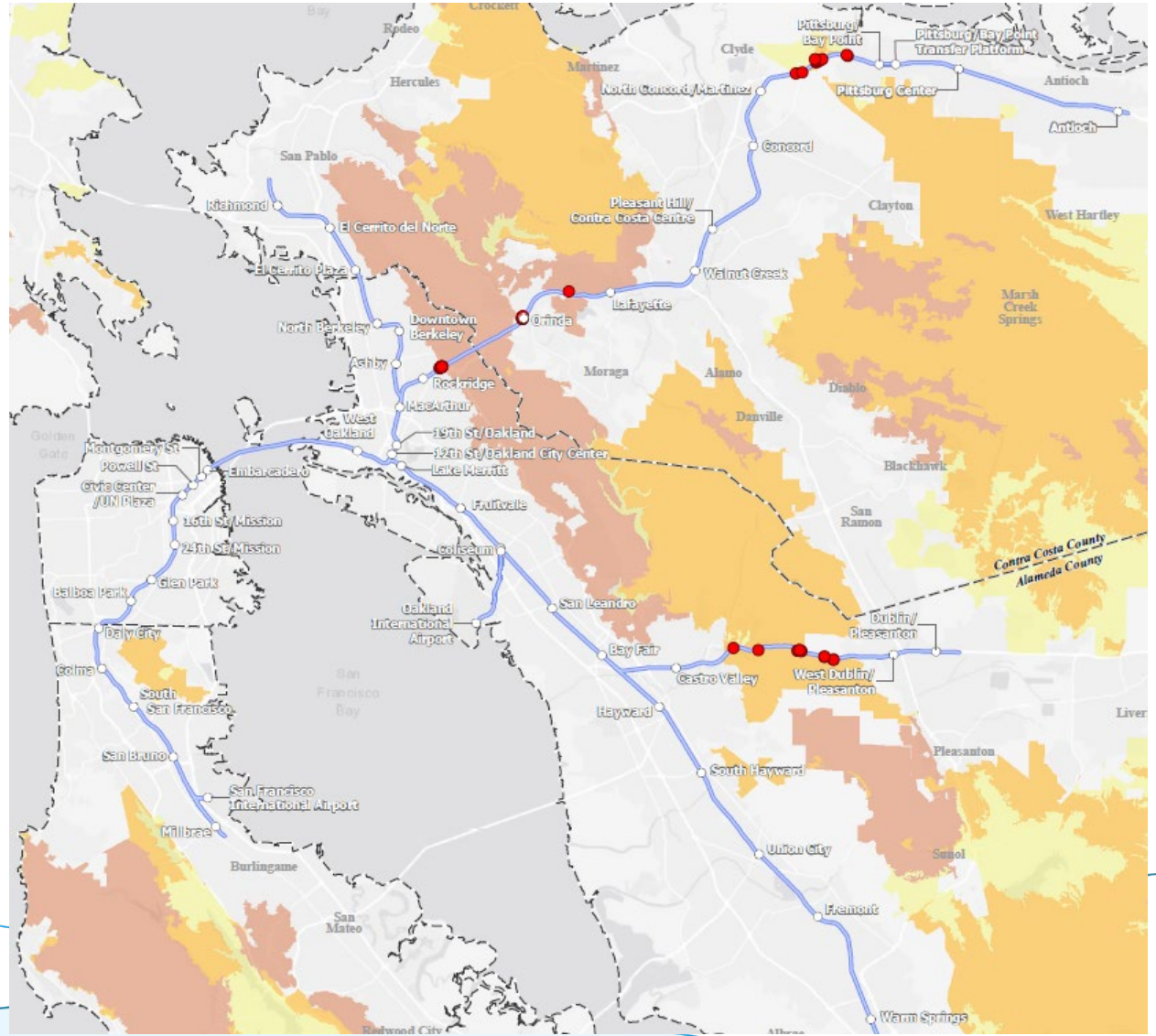
Legend
BART Critical Asset* (3,119 Total)
BART Station
BART Track
County Boundary
Probabilistic Seismic Hazard (Asset Count)
Violent shaking (2,454)
Severe shaking (646)
Very strong shaking (19)

Flooding



Legend
BART Critical Asset* (371 Total)
BART Station
BART Track
County Boundary
FEMA Flood Hazard Zone
100 Year
500 Year
Levee Protected

Fire Severity Risk



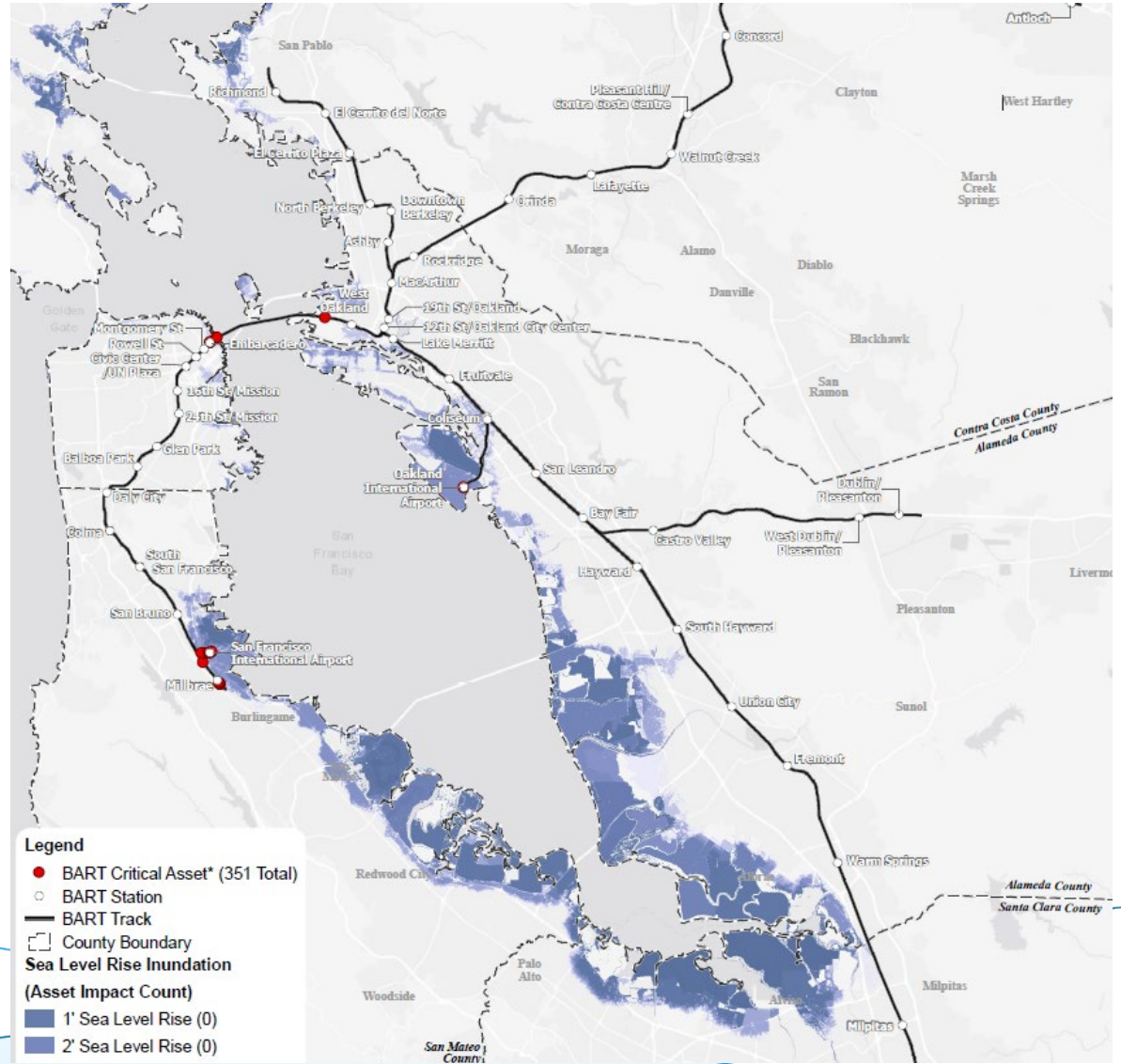
Legend

- BART Critical Asset* (552 Total)
- BART Station
- BART Track
- County Boundary

Existing Landslide Area (Asset Count)

- Most landslides (15)
- Few landslides (537)
- Surficial deposits

Sea Level Rise



Legend

- BART Critical Asset* (351 Total)
- BART Station
- BART Track
- County Boundary

Sea Level Rise Inundation

(Asset Impact Count)

- 1' Sea Level Rise (0)
- 2' Sea Level Rise (0)
- 3' Sea Level Rise (60)
- 4' Sea Level Rise (4)
- 5' Sea Level Rise (65)
- 6' Sea Level Rise (222)

Introduction of Local Hazard Mitigation Plan - Mitigations

8	28	1
High-Priority Mitigations	**Medium-Priority** Mitigations	**Low-Priority** Mitigation
• Power resilience • Fire suppression and alarm systems • Inspect and improve facility structural integrity and safety • Evacuation systems and communication • Earthquake safety • Network systems redundancy	• Disaster recovery planning • Earthquake detection and recovery improvements • Enhance fire safety • Flood safe facilities (water intrusion) • Fire hazard removal • Elevate/protect critical facilities • Address homeless needs	• Irrigation and landscape improvements

Introduction of Local Hazard Mitigation Plan - Where can I find the current plan?

Refer to bart.gov website:

www.bart.gov/about/planning/policies/hazard

Will include updates on webpage as plan progresses.

Planning Review Approach - Review Guide and Focus

Mitigation Strategies Status

Mitigation Strategies Priorities

Local Mitigation Planning Policy Guide

FP-206-21-0002

Effective April 11, 2025

OMB Collection #1660-0062

FEMA

Plan Review Approach- Timeline

Task Name	Duration	Start-End
Kick off meeting	1 day	5/22/26
Meeting (EPTFC)	1 day	7/29/26
Meeting (Title VI EJC)-Introduction to Plan update	1 day	8/6/26
Update mitigation strategies and draft an update by the Core Admin Team	2 mons	6/25/26 - 8/19/26
Meeting EPTFC and external agency engagement	3 weeks	8/20/26 – 9/11/26
Meeting (Title VI EJC)-Overview of draft Plan update	1 day	9/10/26 (Tentative)
Review period for Title VI EJC, EPTPC, and external Agency	2 mons	9/3/26 – 10/28/26
Core Admin Team compiles final draft	1 mon	10/29/26 – 11/25/26
Public Comment period	1 mon	11/26/26 – 12/23/26
Incorporate Public Comments by Core Admin Team	1 mon	12/24/26 – 1/20/27
Submit to CalOES	2 mons	1/21/27 – 3/17/27
Address CalOES comments	1 mon	3/18/27 – 4/14/27
Submit to FEMA via CalOES	2 mons	4/15/27 – 6/9/27
Address FEMA comments	1 mon	6/10/27 – 7/7/27
Get EDD onto Board Schedule	1 mon	6/10/27 – 7/7/27
Board prep material and EDD	1 mon	7/8/27 – 8/4/27
Board Adoption	1 mon	8/5/27 – 9/1/27
FEMA Approval Letter	1 mon	9/2/27 – 9/29/27

Plan Review Approach- Next Steps

- July-Aug, Core Admin Team, Compiles the status of mitigation strategies and prepares a draft plan update
- September 10th (tentative), presentation to Title VI, to review proposed mitigation strategies and prioritization

Plan Review Approach - Title VI Team Efforts

- Review LHMP
- Provide input to mitigation strategies
- Provide input to the prioritization of strategies

Q&A