

***Receive Update  
Regarding San  
Francisquito Creek  
Bank Stabilization***

**JPB TOPS Committee Meeting  
December 17, 2025**





# Project Need



Emergency  
stabilization  
boulders

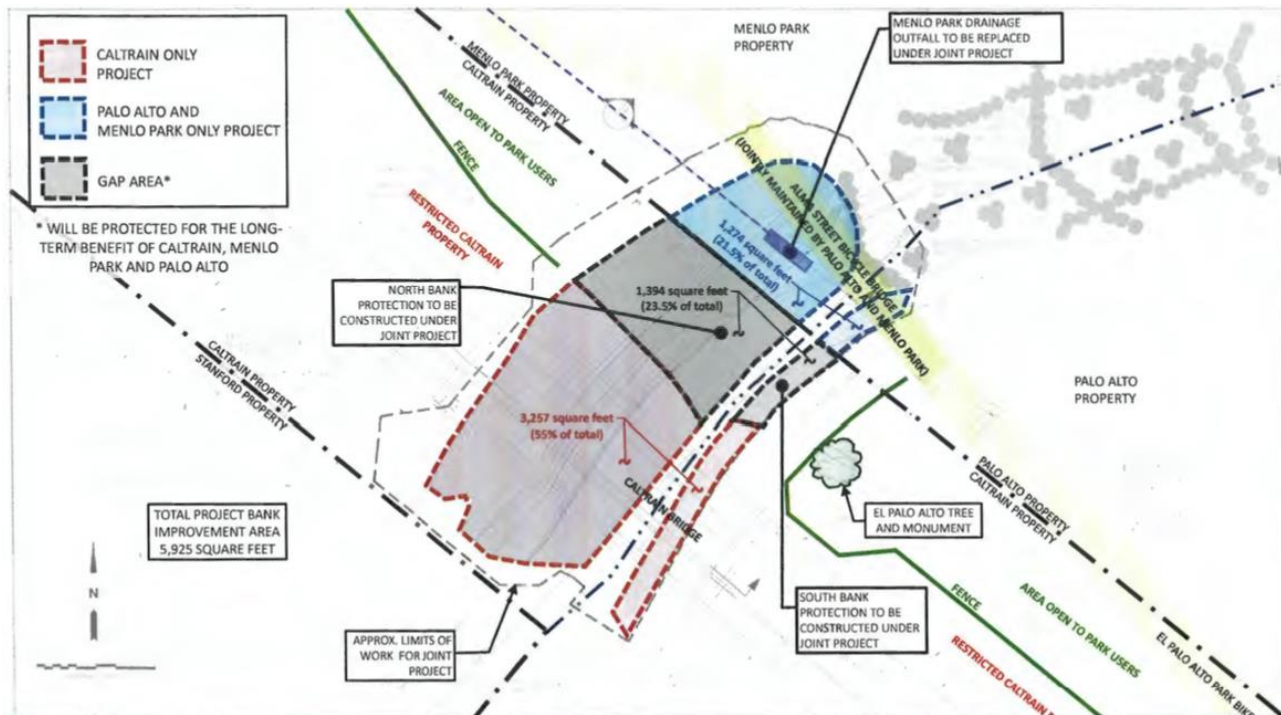
## Prevent severe erosion from undermining:

- Caltrain's existing San Francisquito Creek Railroad Bridge (used by 104 daily trains)
- Palo Alto's Alma Street Bicycle Bridge
- Menlo Park's existing storm drain outfall



# Project Scope

Stabilize ~130 linear feet of the northern creek bank to prevent erosion affecting Caltrain's railroad bridge and Palo Alto and Menlo Park bicycle and pedestrian bridge.



- ❑ **North Bank Stabilization:** Installation of boulder toe and vegetated revetments, wrapped soil lifts, and earthen fill slopes to reinforce and stabilize the eroded bank.
- ❑ **South Embankment Protection:** Construction of a boulder toe trench at the base of the existing concrete retaining wall to strengthen and protect the structure.
- ❑ **Storm Drain Outfall Replacement:** Removal and replacement of the Menlo Park storm drain outfall, including a new manhole, energy dissipation rock pad, and backflow prevention flap gate.
- ❑ **Revegetation and Irrigation:** Installation of temporary irrigation systems and native plantings to restore riparian habitat consistent with regulatory permit requirements.



# Project Timeline

- **2023:**
  - Severe storms cause serious erosion by the bridge
  - Project estimate \$6.5M (MOU w/ Palo Alto \$1.06M; Menlo Park \$1.16M to cost share)
- **2024**
  - Project estimate updated to reflect construction cost escalation and emergency repair work (\$9M)
- **2025**
  - Change Design and Construction program leadership
  - Deep dive on project readiness, scope, schedule, budget and risks
  - Completed 100% design; received environmental permits / refined scope

# Project Updates (2025)

- **Permits – Approved**

- Building off better relationships established through Guadalupe Project
- CDFW SAA, RWQCB Section 401, and USACE Section 404 received

- **Readiness – Completed**

- Bridge foundation and geotechnical investigations to avoid construction delays and reduce risk completed
- Finalize temporary shoring design and excavation limit drawings completed
- Advanced tree removal/ trimming to avoid bird-nesting restrictions
- KMC constructability review, including recommendation can be complete one season

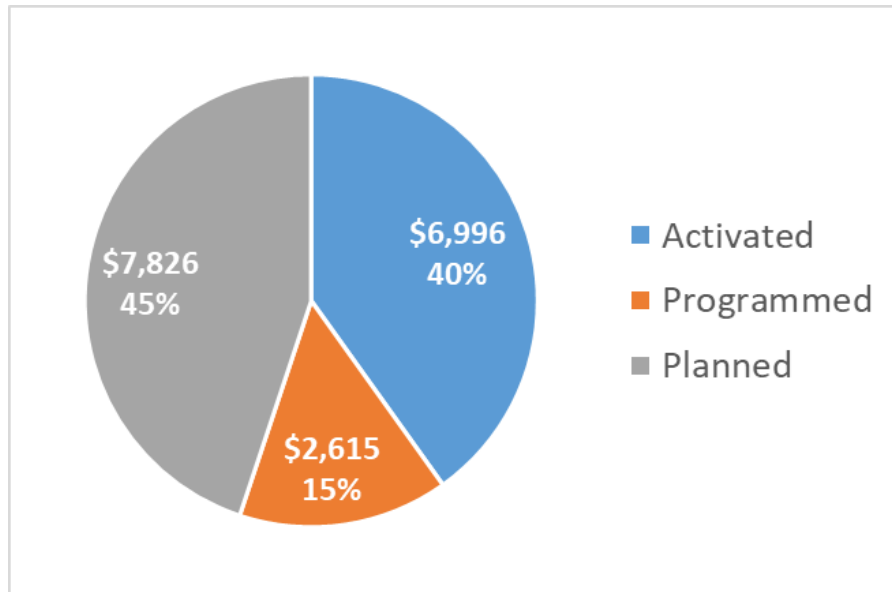
- **Schedule:**

- Invitation for Bid (IFB) - Published (Dec 2025)
- Construction contract award Board (March 2026)
- Construction in-stream (Jun 15-Oct 15, 2026)
- Substantial Completion (end 2026)

# Updated Project Estimate (2025)

- Bottom-up Construction Estimate by KMC
  - Compared 2023 / 2024 construction estimate by Jacobs
  - Updated scope to incorporate environmental permit requirements
  - Added construction escalation from 2023/2024 estimates to 2026 construction season
- Performed comprehensive soft costs estimates including TASI field support, no details included in previous estimates
- Included emergency stabilization work from 2023
- Added Installation of on-site Habitat Mitigation Monitoring Plan
- Added environmental offsite mitigation bank credit cost
- Reflect total project duration
- **New total cost: \$17.4M**

# Funding Plan Details



<b>Total Previous Board Authorized Amount</b>	<b>\$9,611</b>
<b>Activated Funding</b>	<b>\$6,996</b>
SAMTR Non CCF Contr Prepaid	\$2,490
VTA CCF Contr Prepaid	\$166
SAMTR CCF Contr Prepaid	\$1,319
Measure RR Capital	\$390
FY23 STA - Capital (PCJPB)	\$30
FY21 VTA STA SOGR Capital	\$81
2022 Measure RR Project Fund	\$2,520
<b>Programmed Funding</b>	<b>\$2,615</b>
City of Palo Alto	\$1,058
City of Menlo Park	\$1,158
SMCTA FY26/27 Budget	\$400
<b>Planned Funding</b>	<b>\$7,826</b>
Caltrans LPP-F Funding	\$3,842
Capital Reserve/Measure RR	\$3,984
<b>PROJECT FUNDING (Activated+Programmed+Planned)</b>	<b>\$17,437</b>
<b>Funding Gap = Total Funding Minus EAC</b>	<b>\$0</b>

# Next Steps – 2026 and beyond

- Bids Due and Bid Evaluation (Jan)
- Contract award recommendation (Feb)
- Seek TOPS Committee Approval project baseline budget, baseline schedule and award construction contractor - Action (Feb)
- Seek JPB Approval project baseline budget, schedule and award of Construction Contractor - Action (March)
- Notice to Proceed (NTP) for Construction (May)
- Additional discussions / analysis long term San Francisquito Creek Bridge Replacement Project



# ***Questions***

FOR MORE INFORMATION

[WWW.CALTRAIN.COM](http://WWW.CALTRAIN.COM)

