Guadalupe River Bridge Replacement Project Update



JPB TOPS Committee
November 18, 2026

Guadalupe River Bridge Project Overview

Critical Safety Project



- The Guadalupe Bridge serves as a **gateway to the Peninsula for Transit and Freight.**
- When both tracks were in operation, approximately 16,200 trains (Caltrain, Union Pacific, Amtrak and ACE) traveled across the bridges yearly.
- Annually, thousands of people and significant resources carried by freight depended on these bridges.
- The project has replaced the Northbound bridge (MT1), extended and seismically upgrade Southbound bridge (MT2) and modified the Guadalupe River for improved Geomorphic stability.
- Completed Implementation of Habitat Mitigation and Monitoring Plan (HMMP) for onsite restoration. Offsite HMMP at Hick's Creek planned for construction in 2027.

Project Updates

Project Update: On Schedule / Within Budget

- Completed 2026 Dry Season and restored Guadalupe River to flow prior to October 15th permit date
  - Fully removed river diversion system including cofferdams, sheet pile and diversion pipes
  - Completed all grading, erosion control (Rip Rap) and HMMP elements for main channel and overflow channel
  - UPRR commenced MTI Track Installation
- 96,768 construction job-hours through the month of October 2026 since start of 2025 Dry Season; no OSHA reportable incidents.
- Midpen board approved off-site Hicks Creek compensatory mitigation agreement
- Commercial negotiations finalized with Walsh for completion the contract scope

Project Status – Construction



Project Overhead Photo – October 2026

Project Status – Construction



MT1 - UPRR Track Installation In Progress

Project Status – Construction



Stream Restoration and HMMP Installation

Project Status – Construction



Team Photo – October 2026

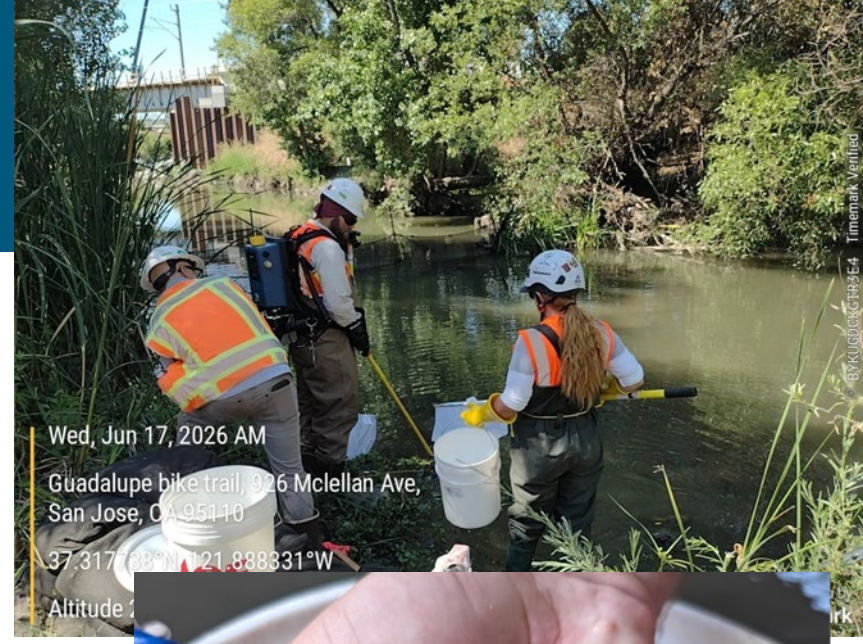
Project Schedule & Key Milestones

Major Milestones	Re-Baseline Date	Forecast Date (A = Actual)
2025 Dry Season Mobilization	06/15/2025	06/15/2025A
Interim Milestone 1 (Completion of MT1 Steel Girder)	09/27/2025	09/25/2025A
2025-2026 Wet Season (outside of river channel) • MT1 Foundation and Super Structure • MT2 Pier 4 Work	01/23/2026	01/23/2026A
2026 Dry Season—Milestone 2 (All in-channel work) • MT1 Deck & Finishes • MT2 Seismic work and Finishes	10/15/2026	**10/7/2026A**
2026-2027 Wet Season-Complete Final Planting – On-Site Mitigation	02/09/2027	02/09/2027
Substantial Completion	03/03/2027	03/03/2027
Completion of Off-Site Mitigation	12/27/2027	12/27/2027

Environmental

Construction completed in compliance with all environmental permit conditions.

- Fulltime onsite environmental compliance monitoring through out construction.
- Frequent communication with regulatory agencies to inform them of progress.
    - Monthly and quarterly meetings.
- Fish relocation during dry season.
- Nesting bird monitoring
- Roosting bat monitoring
- Tracking and reporting of all permit conditions







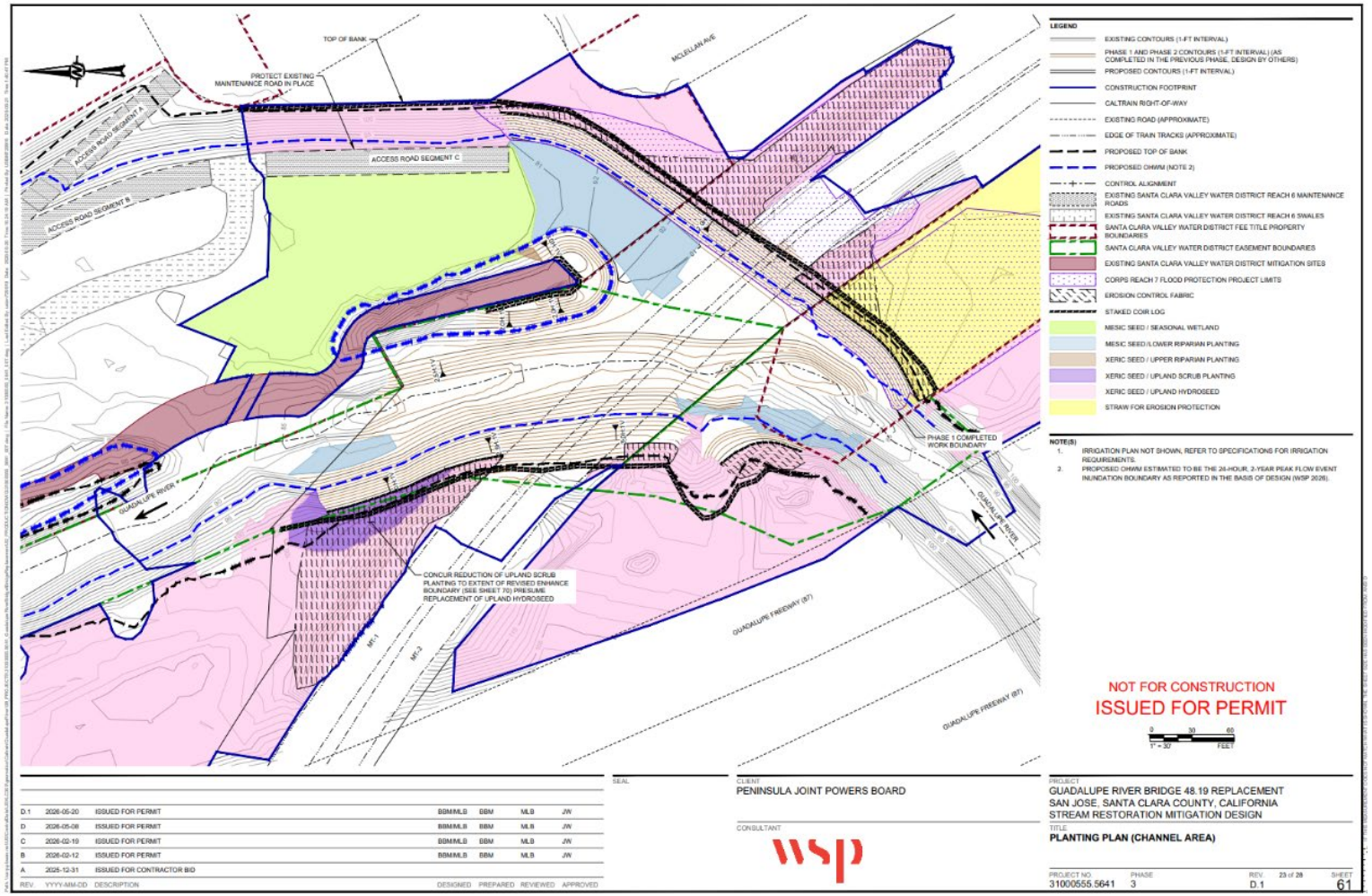
HMMP Installation Schedule

Planting of California Native Species

Phase 1 - Complete
Hydroseeding (subset of species) was applied to stabilize floodplain area before El Nino weather.

Phase 2
Hydroseeding (full-species mix) and container plant installation is tentatively scheduled for December/January and weather dependent.

Phase 2 in time for wet weather.



Monitoring and Maintenance Activities Post Construction

JBP will monitor performance, complete maintenance, and report to agencies for **10 years**

Year 1-2 (establishment period)

- Monitor performance of native plantings quarterly
- River geomorphic monitoring conducted annually
- Targeted weed eradication conducted quarterly
- Irrigation as needed
- Trash removal

Year 3-10 (monitoring period)

- Native plants fully grown
- Monitor performance of native plantings annually
- River geomorphic monitoring conducted annually
- Weeding and trash removal as needed
- Reduced presence on site



Project Budget & Estimated Cost at Completion (EAC)

Description of Work	Re-Baseline Budget	Current Budget	Estimate At Completion
	(A)	(B)	(C)
Walsh Construction Contract	$89,787,026	$89,787,026	$92,490,579
Design (0-100%) & DSDC	$7,588,875	$7,588,875	$7,588,875
Environmental Support	$26,374,097	$26,374,099	$25,859,974
Management Oversight & Support (Incl. TASI & BusBridge)	$40,015,353	$40,015,353	$40,672,878
Contingency	$7,624,247	$7,624,247	$3,469,770
Grand Total	**$171,389,598**	**$171,389,598**	**$170,082,076**

- Current EAC is 1.3 million under Rebaseline Budget
- Current EAC reflects Risk Allowance pool increase of 3.8 million

Project Budget & Milestone Incentive

Incentives	Budgeted (A)	Awarded (B)	Projected Remaining to Award (C)	Projected Balance Remaining (D)=(A)-(B)-(C)
Interim Milestone				
Install Steel Girders on MT1 Span 2	$540,000	$420,000	$0	$120,000
In-Channel Work	$540,000	$540,000	$0	$0
Total Contract Incentive	**$1,080,000**	**$960,000**	**$0**	**$120,000**

Contractor earned full In-Channel Work Incentive

Project Contingency Draw

- $4M actual drawn from Contractor Risk Pool, as of October 2026
- Risk allowance increase of $3.8M is needed to resolve 2026 risks and will draw from allocated contingency.
- Total Risk Pool is 7.8 million.
- Total remaining project contingency is $3.5 million.

Risk Allowance Pool Category	Risk Amount	Executed to Date	Remaining Balance
Differing Site Conditions	$390,750.00	$86,012	$304,738
Bird Deterrent Mitigation	$250,000.00	$188,559	$61,441
Permit Requirements	$1,000,000.00	$925,594	$74,406
Track Access Impacts	$360,000.00	$444,975	$(84,975)
Water Management	$250,000.00	$0	$250,000
Warehouse Storage	$297,000.00	$66,925	$230,075
Isolation Casings	$600,000.00	$448,551	$151,449
Phytophthora Management	$750,000.00	$1,047,628	$(297,628)
Contingency	$102,250.00	$791,754	$(689,504)
Total	$4,000,000.00	$3,999,997	$3

Top Project Risks and Mitigations

- Continued lessons learned from the first dry season
  - Working to assure site stabilization is implemented and maintained through wet season.
- Phytophthora Management
- Rising Fuel Costs
- Highway lane closures beyond baseline assumptions to accommodate access
- Unpredictable water or weather conditions
- Increase in hazardous waste volume and excavation quantities
- Permit condition vs. construction reality
- Approval of HMMP by the resource agencies

Upcoming Activities

- Complete MT1 Track Installation by UPRR
- Yard restoration completion
- Full demobilization.
- Wet season HMMP planting.
- Punchlist work.

- Offsite Mitigation:
  - Receiving Permit
  - Invitation for Bid (IFB)
  - Construction 2027 Dry Season (June 15 – Oct 15, 2027)

Questions?

FOR MORE INFORMATION

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