

# Program \$4.055M in SB1 Local Partnership Program Formula Funds to the Yerba Buena Island West Side Bridges Seismic Retrofit Project



**San Francisco  
County Transportation  
Authority**

**Agenda Item 8  
January 11, 2022**

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## Senate Bill 1 (SB 1) Local Partnership Program **Overview**

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- Reward jurisdictions with voter-approved taxes, tolls, and fees dedicated to transportation
- Administered by California Transportation Commission (CTC)
- 60% Formulaic Program, 40% Competitive Program (statewide)
- Transportation Authority and City and County of San Francisco are eligible for both Formula and Competitive funds



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## SB1 Local Partnership Program (LPP) **Requirements**

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- Broad eligibility for project types
  - Improvements to state highways
  - Transit facilities
  - Local roads, bicycle and pedestrian safety
- Capital projects only
- Dollar-for-dollar match
- Full funding plan
- Strict timely-use-of-funds requirements

# SB1 Local Partnership Program Priorities

SPONSOR	PROJECT NAME	PHASE	DISTRICT	COST OF REQUESTED PHASE	LPP FUNDS
SFCTA	Yerba Buena Island Multi- Use Pathway Project (previously approved)	Environmental	6	\$3M	\$1M
SFCTA	I-280 Southbound Ocean Avenue Off-Ramp Realignment Project (previously approved)	Design	7	\$2.1M	\$1.05M
SFCTA	Yerba Buena Island West Side Bridges Seismic Retrofit Project (proposed)	Construction	6	\$111.7M	\$4.055M
TOTAL					\$6.105M

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# Yerba Buena Island West Side Bridges Seismic Retrofit Project

## (SFCTA) Construction

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**LPP proposed: \$4,055,000**

**Total phase cost: \$111,700,000**

Seismically retrofit 8 existing bridge structures along Treasure Island Road

- Critical connection between Yerba Buena Island, Treasure Island, and the Bay Bridge
- Fully designed, ready for construction when full funding secured
- Includes Class II bike lane
- Open for use by December 2025

# YBI Construction Projects

**YBI WB Ramps**  
Opened October 2016

**Macalla Road  
Reconstruction  
(TICD)**  
(2019 - 2021)

**YBI Vista Point**  
Opened May 2017

**I-80 EB Off-  
Ramp/Southgate  
Road Realignment  
(SFCTA)**  
(2020 - 2022)

**Hillcrest Road Widening**  
Spring 2023 - Summer  
2026)

**West Side Bridges Project  
(SFCTA)**  
(Spring 2022 - Fall 2025)



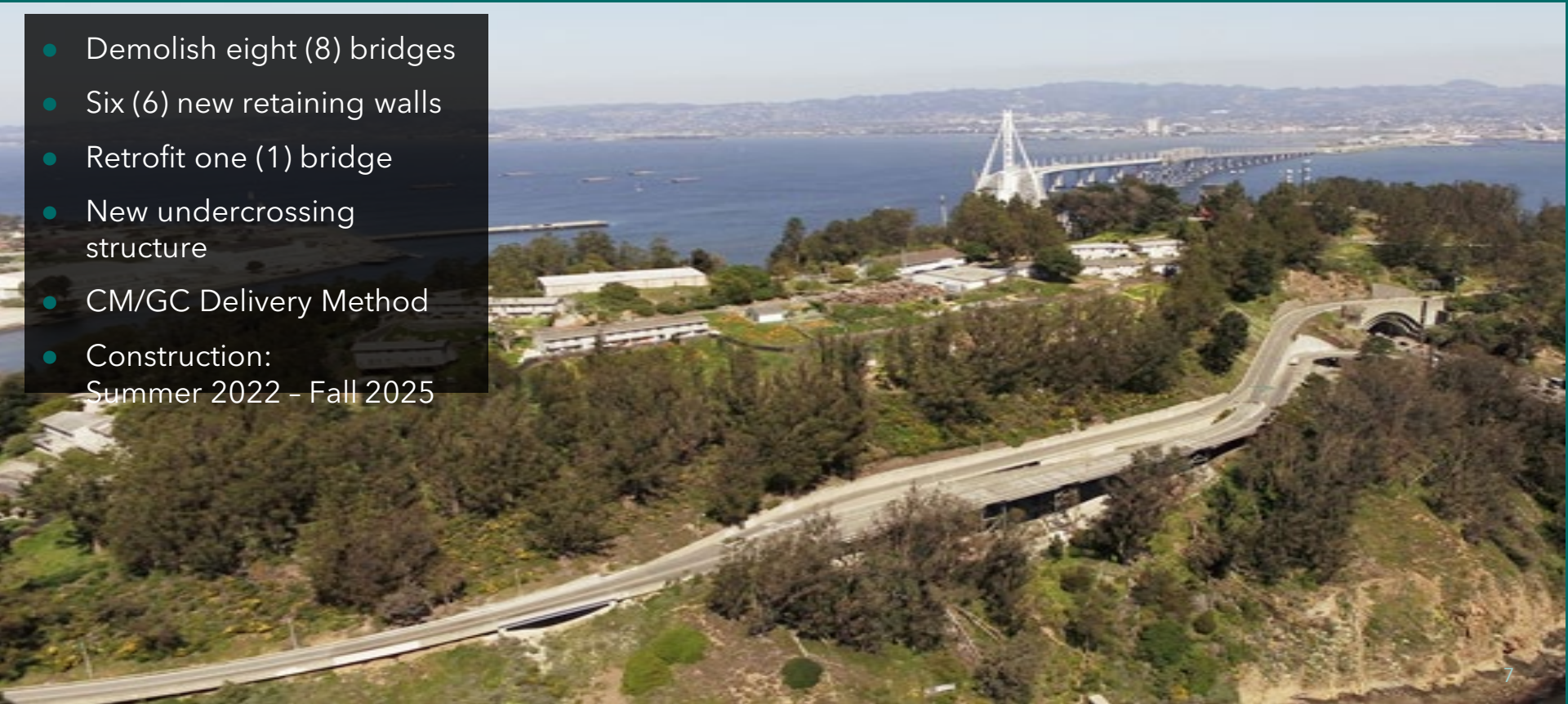
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# YBI Westside Bridges Seismic Retrofit Project



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- Demolish eight (8) bridges
- Six (6) new retaining walls
- Retrofit one (1) bridge
- New undercrossing structure
- CM/GC Delivery Method
- Construction:  
Summer 2022 – Fall 2025



# Project Challenges

Geotechnical – Unstable Soil Swale

Steep Terrain – Construction Access

Complex Bridge/Wall Foundation Construction

Rock Anchor (110' long) Tie-back Retaining Walls

Environmental Constraints – Birds, Plants, etc.

Stormwater - proximity to SF Bay

Cost Containment



# YBI West Side Bridges Construction Cost Estimate

## Construction Cost Estimate

Construction Line Items	\$85.1M
Agency Furnished Materials	\$2.3M
Contingency (7.7%)	\$6.6M
Construction Engineering	\$13.1M
Finance Cost	\$4.6M
<b>Total Construction Phase</b>	<b>\$111.7M</b>

# YBI West Side Bridges Committed Funding

## Committed Funding

Federal Highway Bridge Program	\$54.84M
State Proposition 1B Local Bridge Seismic Retrofit Account	\$7.1M
Treasure Island Development Authority (TIDA)	\$3.48M
Bay Area Toll Authority (BATA)	\$2.7M
Federal RAISE Grant	\$18M
<b>Total Committed Funding</b>	<b>\$86.12M</b>

# YBI West Side Bridges Planned Funding

## Planned Funding

SB1 LPP Formula Funds (subject of this request)	\$4.055M
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MTC / BATA	\$5.3M
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TIDA	\$0.89M
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State	\$10M
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City and County of San Francisco General Fund	\$3M
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TBD (e.g. additional State funds)	\$2.335M
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<b>Total Planned Funding</b>	<b>\$25.58M</b>
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# Tentative Schedule

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- February/March 2022: Submit project nomination to CTC
- May/June 2022: CTC meeting to program and allocate funds, subject to having full funding secured
- Summer 2022: Begin construction



# Thank you.

[sfcta.org](https://sfcta.org)



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