

San Francisco Bay Shoreline Protection – EIA 11 Milestones

Economic Impact Area 11 Milestones Reached

Reaches 1, 2 and 3

Reach 1 Design and Permits

- 100% Reach 1 levee design Plans and Specifications – Completed
- San Francisco Bay Regional Water Quality Control Board permit for Reach 1 construction – Received December 2017
- San Francisco Bay Conservation and Development Commission permit for Reach 1 construction – Received January 2018
- Reach 1 Right-of-Way – Acquired December 2019

Reaches 2 and 3 Design and Permits:

- 90% Reaches 2 and 3 levee design Plans and Specifications – Completed September 2019.
- San Francisco Bay Regional Water Quality Control Board permit for Reaches 2 and 3 construction – Received December 2017.
- San Francisco Bay Conservation and Development Commission permit for Reaches 2 & 3 construction – Received April 2019.

Reaches 1, 2 and 3 Construction:

- Reaches 1, 2 and 3 rights-of-way fully acquired – June 2020.
- USACE re-advertised for construction – January 2021.
- Reaches 1-3 levee construction contract awarded to Maloney Odin Joint Venture (MOJV) – August 2021.
- Levee construction began in December 2021 and was completed in November 2025.
- Valley Water held a groundbreaking ceremony for Reaches 1-3 levee construction commencement – April 2022.
- Valley Water hosted a milestone completion ceremony to celebrate the completion of Reach 1-3 levee construction – September 2025.
- Valley Water working with USFWS and County Parks to obtain long term land rights required for the operation and maintenance of the new flood protection components.
- USACE working on a Draft Interim Operation and Maintenance Manual.

- Installation of native plants along Reaches 1 -3 levee slopes (excluding ecotone footprint) administered by the Conservancy under a contract with the San Francisco Bay Bird Observatory – Completed March 2025

Pond A12/A13 Ecotone

Design and construction of the Pond A12/A13 Ecotone is being administered by the Conservancy and its consultants.

Pond A12/A13 Ecotone Design and Permits:

- 60% Pond A12/A13 ecotone design plans and specifications – Completed February 2025.
- 90% Pond A12/A13 ecotone design plans and specifications – Completed July 2025.
- 100% Pond A12/A13 ecotone design plans and specifications – Completed February 2026.

Pond A12/A13 Ecotone Construction

- Conservancy & U.S. Fish and Wildlife Service executed Memorandum of Understanding for the implementation of the Shoreline Phase I ecotone construction in Pond A12/A13 – December 2025.
- Conservancy obtains Santa Clara County Parks Special Use Permit for Access thru Alviso County Marina Park onto Pond A12/A13 project area – January 2026.

Union Pacific (UP) Railroad Closure Structure & Pedestrian Bridge

Design of UP Closure Structure and Pedestrian Bridge was placed on hold since 2021, while the project partners addressed closure frequency concerns raised by UP.

UP Closure Structure & Pedestrian Bridge Design and Permits:

- 30% UP swing gate closure structure design plans and specifications – May 2021.
- In 2022, the UP-closure structure design efforts placed on hold.
- The USACE and non-federal sponsors conducted a Value Engineering (VE) workshop to consider alternative closure structure designs that meet the same project objectives – January 2024.
- Completed Conceptual UP Overhead Closure Design – May 2024.

Reaches 4 and 5

Reaches 4 and 5 Design and Permits:

- 30% Reaches 4 and 5 levee design plans and specifications – Completed April 2020.
- 60% Reaches 4 and 5 levee design plans and specifications – October 2020 (design was placed on hold while construction phasing, access points, haul routes and easements are being addressed with the property owner).
- In February 2024, the USACE and non-federal sponsors conducted a VE workshop to consider alternative Reach 4/5 alignments and features that meet the same project objectives and could reduce construction costs.
- In March 2025, USACE held a cost and schedule risk analysis workshop (CSRA) in San Francisco, based on the Reach 4/5 alternative levee alignment.
- In June 2025, USACE informed partners and local agency that they would be reverting to the original Reaches 4-5 authorized alignment (whereby an Artesian Slough closure structure would be designed with the inclusion of a pump station element).
- In January 2026, USACE began Artesian Slough 10% design plans and specifications.

Milestones Completed

- Feasibility Study Phase: September 2005 to July 2016.
- Environmental Documents: The Valley Water Board of Directors certified the Environmental Impact Report (EIR) on March 22, 2016. The Coastal Conservancy adopted the EIR as a responsible agency on March 22, 2018. The USACE and U.S. Fish and Wildlife Services issued their Records of Decision for the Environmental Impact Statement (EIS) in July 8, 2016 and April 6, 2017 respectively. The San Francisco Bay Restoration Authority adopted the EIR as a responsible agency on April 11, 2018.
- Preliminary Engineering and Design Phase (including permitting): July 2016 to February 2019.
- Project Partnership Agreement with USACE and Conservancy (PPA) signed – February 2019.
- Reach 1 Levee Procurement Contract – March 2019 to June 2020.
- PPA Amendment #1 signed – June 2021.

Updated March 2026