

SAN BRUNO CREEK RESILIENCE PROJECT



OneShoreline is in the planning stage of the San Bruno Creek Resilience Project. Through extensive listening and community input, the project aims to address critical needs of San Bruno and the Belle Air neighborhood: **reduce current and future flood risks, restore natural habitats, improve water quality, and create safer, more accessible public spaces for surrounding communities.**

Project Context

San Bruno Creek, in its final stretch before flowing into San Francisco Bay, passes through a complex web of jurisdictions and critical infrastructure. The creek collects stormwater runoff from much of the City of San Bruno and parts of South San Francisco. Additional flows come from properties owned by SFO Airport, Caltrain, and Caltrans. To manage these flows, OneShoreline owns and operates two pump stations and a tide gate to convey stormwater from the creek to the Bay.

Neighborhoods that drain into the creek, especially the community of Belle Air, have endured chronic flooding for decades. This problem has worsened in recent years and is expected to intensify as climate change progresses.

The complexity of this situation has led to fragmented, short-term solutions, which fall short of addressing the long-term, transformative challenges posed by climate change.

Project Goals



Reduce San Bruno's Flood Risks

Address chronic and worsening flooding in San Bruno—particularly in Belle Air—by upgrading outdated infrastructure, improving stormwater management, and enhancing protection from sea level rise.

Strengthen Regional Climate Resilience

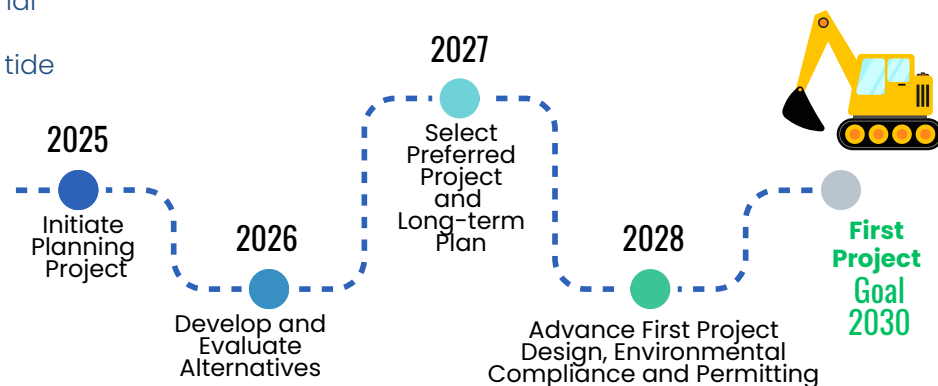
Develop long-term, multi-jurisdictional solutions that protect critical infrastructure from the increasing impacts of climate change.

Restore and Reconnect Natural and Public Spaces

Create a safer, healthier, and more connected watershed by reducing flood risks in vulnerable neighborhoods, restoring natural habitats, and improving access to open space.

Anticipated Project Schedule

The project schedule includes 2 years of planning, followed by 3 years of design of the first project.



Project Concepts

The following concepts are being considered:

- Replace the 1940s-era **tide gate** where San Bruno Creek meets the Bay in South San Francisco, **elevate the shoreline**, and construct a **new high-tide pump station**.
- Build a modern **stormwater detention basin** and replace the two aging **pump stations** located along San Bruno Creek.
- Where possible, **restore natural habitats and integrate public access features** such as trails, promoting environmental stewardship and community access to open space.

Estimated Project Cost

OneShoreline secured a FEMA grant to fund a \$1.5 million effort to select a preferred project and complete conceptual design.

The final design, permitting, construction budget, estimated operations and maintenance costs, and initial financing plan will be developed during the planning phase.



We want to hear from you!

Send your input on our draft project goals to: projects@onshoreline.org

Project Partners

City of San Bruno, City of South San Francisco, City/County Association of Governments of San Mateo, Caltrans, San Francisco International Airport, Rise South City, Climate Resilient Communities, Inner & Outer Engagement, and Stanford University.