



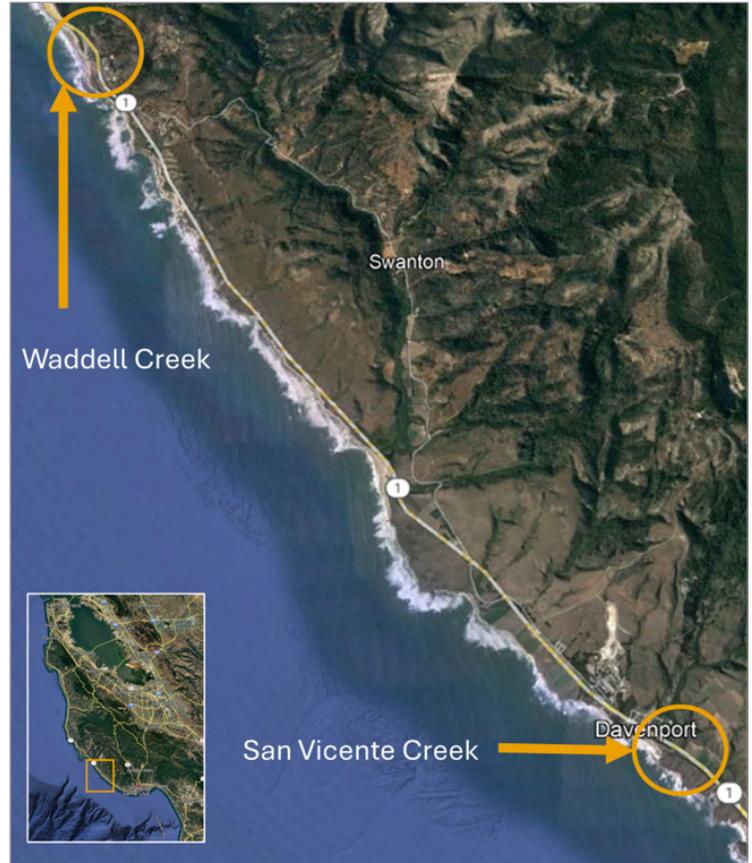
San Vicente-Waddell Coastal Resilience Project (SANV-WA)

Project Description

The project is a partnership between the RTC, Santa Cruz County Resource Conservation District (RCD) and Caltrans District 5 (D5). The existing Highway 1 bridge over Waddell Creek at Big Basin, and the Santa Cruz Branch Rail Line (SCBRL) corridor and Highway 1 bridge over San Vicente Creek at Davenport are vulnerable to coastal climate change impacts. These include sea level rise, storm surge, coastal erosion, flooding, and erosion following wildfires.

Transportation infrastructure also affects the ecology of these important coastal and marsh habitats and may limit their ability to be resilient to climate change. The SANV-WA project will identify short, medium, and long-term actions for viability and resilience to climate stressors on these Caltrans and RTC transportation facilities, in tandem with identifying ecological restoration opportunities within the adjacent tidal, marsh, and riparian areas of Waddell Creek and San Vicente Creek.

Ideally, the SANV-WA Project will develop ecologically based or nature-based solutions that result in resilient natural and built infrastructure. This work is intended to build on the collaborative planning partnerships developed for the Scott Creek Coastal Resilience Project that includes RCD, RTC, Caltrans D5, and a robust Technical Advisory Committee (TAC) of local, state, and federal stakeholders on the North Coast that has effectively provided guidance, review of technical work, and input on project direction.



Project Highlights

- ▶ Project will evaluate vulnerability of Highway 1 and adjacent ecosystems and public access to climate hazards.
- ▶ Project will identify adaptation actions for long-term viability and resilience.
- ▶ Project will gather and analyze existing technical studies and identify necessary additional studies.
- ▶ Project will engage stakeholders, community organizations, and the public at project milestones for input on project prioritization.

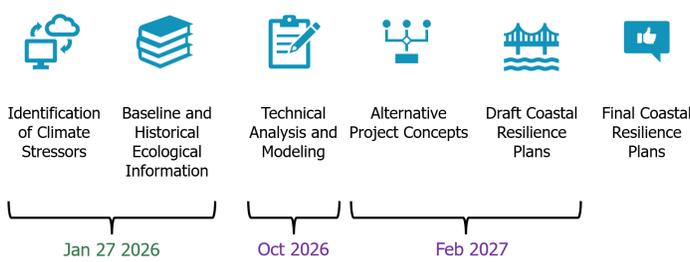


PROJECT FACT SHEET

Updated March 2026

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Next Steps



Project Technical Advisory Committee field visit to Waddell Beach, November 2025



Highway 1 over San Vicente Creek entering Davenport



Aerial view Highway 1 over Waddell Creek, Big Basin State Park



Santa Cruz Branch Rail Line (SCBRL) berm over San Vicente Creek at Davenport Beach