

Santa Clara Valley Water District Future Construction Projects

Updated: 12/21/2021

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
SVAWPC Storage Building (PREFAB)	93764004 9153	\$400K-\$450K	January, 2022	This project constructs a 30 by 40 foot storage building with power, lighting, fire sprinklers and alarm system located west of the existing Silicon Valley Advanced Water Purification Center's Process Building.	San Jose
Pacheco Pumping Plant: Electrical Updgrade	91214010	\$450K-\$550K	January, 2022	This project plans, designs, and constructs new electrical safety and reliability system improvements for the main facility building at the Pacheco Pumping Plant, Dinosaur Point, Merced County, CA. Current Limiting Fuses - Fused disconnects with current limiting fuses will be installed on the 480V station service transformers secondaries to reduce arc flash risk. HVOS Upgrade - The existing Hydraulic Valve Operating System (HVOS) Motor Control Center (MCC) and control panel will be replaced.	Merced
Hale Creek Enhancement Pilot Project	26164001	\$6.5M	January, 2022	This project plans, designs, and constructs restoration of geomorphic and habitat functions to a 650-foot long section of Hale Creek, between Marilyn Drive and North Sunshine Drive in Mountain View and Los Altos, by replacing the existing concrete channel with a soft-bottom channel comprised of natural substrates and vegetation. The work includes construction of vegetated soft bottom channel with riffle grade and drop structures, and planting shrubs, trees and seeds, reconstruction of the east bank access ramp located upstream of Marilyn Drive, removal and reconstruction of a 30-foot long bridge, construction of sheet pile walls and soldier pile walls, reconstruction of chain link fences and wood fences along property lines, and reconstruction of storm drain outfalls.	Mountain View / Los Altos
Santa Teresa Water Treatment Plant Filter Media Replacement	93284013	\$7M-\$10M	February, 2022	This project will remove and replace Granular Activated Carbon (GAC) and sand filter media, remove and replace the influent valves and wash water valves, and remove and replace influent steel deflectors in 12 filters at the Santa Teresa Water Treatment Plant. Additional items of work include replacement of the underdrain nozzles in 10 filters, as well as inspection of the filter basin concrete and metal coatings.	San Jose
Bolsa Road Fish Passage Project	26044004	\$2.5M-\$3M	February, 2022	This project constructs 1,700 linear feet of riffle-pool system downstream of the Union Pacific Railroad (UPRR) crossing of Uvas Creek to allow steelhead and other aquatic organisms to move freely between the lower and upper reaches of the creek.	Gilroy
Santa Clara Conduit Inspection & Rehabilitation and Pacheco Sectionalizing Valve Acoustic Fiber Optic Repair Project	95084002	\$9M	February, 2022	The project will inspect the pipeline, plan, design, and construct the identified rehabilitation measures. The objective of the project is to perform condition assessments, structural inspections to identify distressed pipe sections and defective appurtenances, implement repair, rehabilitation and replacement of old and defective appurtenances (valves, flowmeters, etc.), update electrical and control systems, install or rehabilitate corrosion protection systems as well as any monitoring and tracking systems.	Santa Clara County/Gilroy/ San Benito County
Upper Llagas R5, 7B, 8 (Phase 2B)	26174052/ 26174054	\$75M-\$80M	April, 2022	This project partners with the U.S. Army Corps of Engineers (Corps) to plan, design, and construct improvements on Upper Llagas Creek to provide an increased level of flood protection with adequate freeboard. SCVWD shall coordinate with the County of Santa Clara and the City of Morgan Hill on public access and recreational trail opportunities within Reaches 7 and 8 of this project.	South Santa Clara County

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Palo Alto Flood Basin Tide Gate Structure Replacement Project (Prequalification in-process through 3/2022)	10394001	\$20M-\$27M	June, 2022	The project is located on the northern segment of Adobe Creek Loop trail along the Bay Shoreline in the City of Palo Alto, east of Palo Alto Municipal Airport and Byxbee Park. The project will replace the existing Palo Alto Flood Basin Tide Gate Structure which has reached the end of its expected service life. Matadero, Adobe, and Barron Creeks and the City of Mountain View's Coast Casey Pump Station discharge into the Basin. The new Tide Gate structure will be constructed approximately 100 feet southeast of the existing structure and will be built to a higher elevation to address future sea level rise and future Shoreline levee improvement work. The approach levees of the new structure will be realigned to conform with the existing levees. The proposed project includes the construction of the replacement tide gate structure, construction of the approach levees to the new structure, and removal of the existing tide gate structure. The construction will take place over multiple seasons because of the limited construction window of 5 months between September 1 to January 31 due to environmental restrictions, and the need to install 2 dewatering systems to complete the work.	Palo Alto