

Santa Clara Valley Water District Future Construction Projects

Updated: 5/12/2022

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
Santa Clara Conduit Inspection & Rehabilitation and Pacheco Sectionalizing Valve Replacement Project	95084002	\$7M-\$9M	April, 2022	The objective of the Project is to perform condition assessments and structural inspections to identify distressed pipe sections and defective appurtenances, implement repair, rehabilitate and replace old and defective appurtenances (valves, flowmeters, etc.), update electrical and control systems, and install or rehabilitate corrosion protection systems as well as any monitoring and tracking systems.	Santa Clara County
Bolsa Road Fish Passage Project	26044004	\$2.5M-\$3M	May, 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
Almaden Valley Pipeline Inspection and Line Valve Project	10244001	\$5M-\$5.5M	May, 2022	The main objective of the Almaden Valley Pipeline Inspection and Line Valve Project is to inspect and repair distressed pipe sections along Unit II Phase II of Almaden Valley Pipeline. Unit II Phase II runs through southeastern San Jose and unincorporated Santa Clara County. Fifteen pipe sections are currently identified to be repaired, and the repairs themselves will be Carbon Fiber Reinforced Polymer (CFRP). The Project also has multiple secondary objectives: Install a new 72" in-line butterfly valve along Almaden Valley Pipeline, just upstream of Santa Teresa Force Main. Replace appurtenances along Almaden Valley Pipeline as identified by the District's pipeline maintenance staff. Repair the AFO monitoring system along Calero Pipeline	Santa Clara County
FOCP Coyote Creek Chillers Creek Project	FY22 - 91864005 FY23 - 91864008	\$4M	July, 2022	The purpose of the Coyote Creek Chillers Plant Project is to chill 10 cfs of imported water from the CVP and deliver the chilled water to the Coyote Creek functional cold water management zone through the Coyote Discharge Line. These water releases would reduce adverse FOCP impacts on water supply and provide in-stream flows for Coyote Creek when Anderson Reservoir is unavailable during construction.	Morgan Hill
Permanente Creek Channel Improvements Floodwall Redesign	10244001	\$1M-\$2M	July, 2022	This Project will retrofit approximately 1000 linear feet of existing floodwalls footings. The proposed Project Work includes retrofit Work on the existing footings, providing a temporary detour for pedestrians and bicyclists, restoration Work to return the trail and other facilities impacted back to its original condition. Construction will occur during one construction season. Construction window is flexible as all construction activities will occur from the trail side of the existing structure and will not impact the creek. The Project is located on the East bank of Permanente Creek between Highway 101 and Charleston Road in the City of Mountain View.	Mountain View
Palo Alto Flood Basin Tide Gate Structure Replacement Project (Prequalification in-process through 4/2022)	10394001	\$20M-\$27M	August, 2022	This 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

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FOCP Coyote Creek Flood Management Measures		\$61M	August, 2022	<p>On February 20, 2020, the Federal Energy Regulatory Commission ordered Valley Water to reduce risks to public safety by implementing certain risk reduction measures for Anderson Dam operation related to the completion of the Anderson Dam Tunnel Project. Risk reduction measures had to be implemented along Coyote Creek before water was released from the completed Anderson Dam Tunnel, expected in December 2023. Valley Water identified approximately 40-percent of the Coyote Creek Flood Projects as satisfying these risk reduction measure needs and is implementing them as an accelerated flood management project, the CCFMMP. CCFMMP will consist of approximately 8,500 LF of floodwalls spread throughout 3 reaches between Oakland Rd and S 16th street in San Jose. Construction will be outside the creek channel and will need to be completed prior to Anderson Dam Tunnel being operational.</p> <p>The overall flood risk reduction objective of protecting areas of Coyote Creek against a flood event approximately equivalent to the February 2017 flood event will be met by the completion of both the CCFMMP and the CCFPP.</p>	San Jose