Valley Water's
Future Construction Projects

Updated: October 6, 2026

Project Prequalifications:

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
Sunnyvale East and West Channels Project - WIFIA Loan, FEMA Grant Funded	26074002	$85M - $95M	November 2026	This project will upgrade the Sunnyvale East and West Channels to provide 100-year flood protection capacity to 47 acres of industrial land and over 1,600 homes. The project improvements include but are not limited to: concrete floodwalls, concrete headwalls, a bridge replacement, new and retrofitted concrete culverts, levee raising, channel bank and bed stabilization, sediment removal, a new pedestrian and bike trail, and other incidental grading and earthwork. The improvements will be constructed within approximately 9.4 miles of existing channels that flow through the City of Sunnyvale.	Sunnyvale

Construction Manager / General Contractor Projects:

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
Calero Dam Seismic Retrofit - Package A	91874004	$155M - $165M	December 2026	Seismic retrofit of the main embankment and auxiliary dam (d/s embankment and internal filter); Fellow's dike breach and relocation of Bailey House. Replace existing spillway with a new spillway	San Jose

Design-Bid-Build Projects:

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
Coyote Percolation Dam Phase 2	91894011	$7.5M - $9M	October 2026	The Project includes a fish lane designed to provide passage over the newly installed bladder dam. The fish lane is about 550 feet long and terminates just upstream of Pond 10B. Pond 10B berm will be repaired and the fish lane will connect to the historical channel. Additionally, the replacement of one underflow radial gate with an overflow gate and improve attraction pool hydraulics	San Jose
Valley Water Demonstration Garden	91151001	<$2M	January 2027	Installation of the Demonstration Garden is located on Valley Water grounds outside of the Headquarters building. The Demonstration Garden will highlight a watershed approach to landscaping and serve as a beautiful, functional demonstration garden and community gathering space.	San Jose
WARP Guadalupe River Erosion Repair at Malone Road & Blossom Hill Road	62084001	$4M - $6M	January 2027	The Malone Road portion of the Project will place approximately 170' of new rock slope protection as well as remove and replace approximately 145' of concrete lining. The repair work upstream of Malone Road will address existing erosion damage to the concrete lining adjacent to Almaden Road. The Blossom Hill portion of the Project will place approximately 170' of new rock slope protection as well as remove and replace 140' of concrete maintenance road. The repair work at Blossom Hill Road will address existing erosion damage to the gabion baskets adjacent to the depressed maintenance access road under Blossom Hill Road bridge.	San Jose
WARP Saratoga Creek Drop Structure Rehabilitation Project	62084001	$1.5M - $2M	March 2027	This project is to rehabilitate three concrete grade control structures on Saratoga Creek between Bollinger Road and the pedestrian overcrossing near Murdock Park in the City of San Jose.	San Jose
Sunnyvale East and West Channels Project - WIFIA Loan, FEMA Grant Funded (Prequalified contractors only)	26074002	$85M - $95M	April 2027	This project will upgrade the Sunnyvale East and West Channels to provide 100-year flood protection capacity to 47 acres of industrial land and over 1,600 homes. The project improvements include but are not limited to: concrete floodwalls, concrete headwalls, a bridge replacement, new and retrofitted concrete culverts, levee raising, channel bank and bed stabilization, sediment removal, a new pedestrian and bike trail, and other incidental grading and earthwork. The improvements will be constructed within approximately 9.4 miles of existing channels that flow through the City of Sunnyvale.	Sunnyvale
Pure Water Silicon Valley - Pilot Facility	91294001	$22M	May 2027	Work under this Contract includes construction of 200 gpm direct potable reuse (DPR) pilot treatment facility in temporary location inside existing Silicon Valley Advanced Water Purification Center (SVAWPC) site. Work also includes site preparation, installation of electrical equipment, tie-in connections and underground piping. Pilot treatment process and equipment will be relocated by Others to a new Learning Center site in the future,	San Jose
Penitencia Water Treatment Plant Sulfuric Acid Extension Project	93764004	<$5M	June 2027	This Work will expand the existing chemical feed vault; extend the sulfuric acid feed line, replace its double-containment piping, and upgrade its leak detection system; and modify the raw water sample line.	San Jose
Santa Teresa Force Main Inspection & Rehabilitation Project	95084002	TBD	July 2027	The project will inspect the pipeline, plan, design, and construct the identified rehabilitation measures. The objective of the project is to perform condition assessments and structural inspections to identify distressed pipe sections and defective appurtenances, improve vault accessibility, implement repairs, rehabilitate and replace old and defective appurtenances, update electrical and controls systems, and rehabilitate corrosion protection systems. The project will also include the installation of an additional line valve that allows for damaged portions of the system to be isolated to ensure the use of undamaged portions to convey treated water to the retailers and would allow portions of the system to be isolated for maintenance without shutting down the entire pipeline.	San Jose
Coyote Pumping Plant Isolation Valve and Actuator Replacement Project	91234010	$5M - $7M	September 2027	The Project will replace piping, flowmeters, valves, and actuators, and upgrade associated electrical and controls equipment.	Morgan Hill
Almaden Calero Canal Rehabilitation Project	91854003	$17M - $21M	October 2027	The Project will design and construct the identified rehabilitation measures. This include rehabilitating the shotcrete liner along the entire length of the canal, improving accessibility, rehabilitating the steel flume, implementing repairs, and replacing old and defective appurtenances.	San Jose and parts of Unincorporated Santa Clara County
Pure Water Silicon Valley - Learning Center	91294001	$15M	May 2028	Work under this Contract includes construction of approximately 10,000 square foot learning center building for direct potable reuse (DPR) and recycled water education and public outreach, site development, new paved parking lot and accessways, site drainage system, landscaping, utility connections, site improvement, and abandonment of existing groundwater monitoring wells on-site. Work also includes relocation of an existing 200 gpm DPR pilot facility to the new Learning Center building and new exterior process area and extension of existing underground piping and electrical lines.	San Jose
Guadalupe Dam Seismic Retrofit	91894002	$140M	September 2028	The planned improvements for this dam include: Earthquake Safety: reconstructing and thickening the dam's embankment; System Upgrades: constructing a new outlet system (releases water from the reservoir); Flood Protection: constructing a new spillway to current design standards; and Safety Enhancements: improving maintenance access to the dam and facilities from Hicks Road.	San Jose and parts of Unincorporated Santa Clara County
Almaden Dam Improvements	91854001	$53.6M	March 2030	Modify or construct a new intake structure, capable of releasing 246 cubic feet-per-second of water without flushing of sediments through the outlet works; Correct existing problems with the outlet energy dissipation structure, piping and valves; Restore operational capacity to the Almaden-Calero Canal and stabilize and improve maintenance access.	San Jose
HQ Operations Maintenance Building Project	60204032	$5M - $6M	TBD	Interior renovations to the Valley Water Maintenance Building on Almaden Expressway.	San Jose
WARP Guadalupe River at San Carlos Erosion Repair Project	62084001	$3M -$5M	TBD	Repair the bank and slope erosion along Lower Penitencia Creek between Great Mall Parkway and Machado Avenue.	San Jose
Vasona Pump Station Upgrades	92264004	$45M	TBD	The VPS Upgrade Project will replace the pumps, flowmeters, motors, drives, valves, actuators, instrumentation and control equipment, and electrical distribution system components. Completion of the VPS Upgrade Project will improve operation and reliability, increase operational flexibility, prepare for future capacity needs, and reduce operation and maintenance costs.	Los Gatos
WTP Electrical Improvement Project (with NDA)	93084004	$11M	TBD	The WTP Electrical Improvement Project will replace and upgrade major electrical equipment at Santa Teresa and Penitencia Water Treatment Plants that have reached the end of their useful life. This Project will improve reliability and allow efficient operation of the electrical systems. The Project consists of replacing motor control centers, standby power generator upgrades and power quality enhancement.	Santa Clara County