Valley Water's
Future Construction Projects

Updated: March 10, 2025

Project Prequalifications:

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
Anderson Dam Seismic Retrofit Project - WIFIA, DWR funded **(Prequalification of Contractors)**	91864005	$1.2B - $2B	December 2024	The Anderson Dam Seismic Retrofit Project will replace most of the existing dam embankment with zoned earthen embankment to withstand the maximum considered earthquake (MCE), replace existing outlet works to meet Division of Safety of Dams (DSOD) emergency drawdown criteria, and replace existing spillway to convey the probable maximum flood (PMF). Duration of construction will be 7 years with embankment construction occurring in year 2 through year 6 with annual interim dam elevation requirements and auxiliary spillway construction.	Morgan Hill
Coyote Creek Flood Protection Project - WIFIA, FEMA Grant, & STATE Funded **(Prequalification of Contractors)**	26174043	$100M - $130M	July 2025	The Coyote Creek Flood Protection Project (CCFPP) will construct improvements along approximately nine (9) miles of Coyote Creek between Montague Expressway and Tully Road in San Jose. The primary objective is to provide protection from floods up to the level that occurred on February 21, 2017, equivalent to approximately a 5% flood (20-year event). Improvements consists of construction of floodwalls, passive barriers, levees and berms.	San Jose

Design-Bid-Build Projects:

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
WARP Permanente & Hale Creeks Concrete Channel Repair Project	62084001	$3.5M-$4.5M	February 2025	The Work to be completed under this Contract will address the age-related deterioration of the concrete U-frame channels of Permanente Creek from upstream of Park Drive to downstream of Mountain View Avenue in the City of Mountain View, and Hale Creek from upstream of Arboleda Avenue to downstream of Rosita Avenue in the City of Los Altos. The Project will brace excessively deflected concrete U-frame channel walls using steel columns and struts, and repair concrete spalls and cracks, to prevent any further deflection of the existing walls and extend the channels' service life. The Project is covered under Valley Water's SMP.	Mountain View Los Altos
South Babb Creek Mitigation Project	62084001	$1.5M - $2.5M	April 2025	Construction of 270 ft long trough (4'x4') and installation of 45 Flap gates.	San Jose
WARP Stevens Creek Evelyn Fish Passage Project **(Prequalified Contractors Only)**	62184001	$4M - $7M	April 2025	Installation of approximately 650 lf. of a roughened channel composed of large boulders for fish passage mitigation. Project restores previous project that washed out in 2017. Project is planned for 2025 construction, will be permitted under SMP2, and completed by 2026.	San Jose Cupertino
Phase 1 Palo Alto Tide Gate Seismic Retrofit and Rehabilitation Project	10394001	$2M - $3M	May 2025	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 rehabilitate and seismically retrofit the existing Palo Alto Flood Basin Tide Gate Structure to extend the service life of the structure. Matadero, Adobe, and Barron Creeks and the City of Mountain View's Coast Casey Pump Station discharge into the Basin. The improved Tide Gate structure includes the construction of deep foundations to provide seismic resistance, sheet pile wing walls, a new concrete overlay of the concrete deck, concrete spall repairs, new railing and fencing for fall protection, and improved maintenance access to the tide gates. The construction will take place over one season between September 1, 2025, to January 31, 2026, due to environmental restrictions.	Palo Alto
Calabazas Creek Erosion Repairs Project, Miller Avenue to Bollinger Road	62084001	$800,000 – $1.2M	May 2025	Project scope includes: erosion repairs using grouted and ungrouted rock riprap, andc hannel excavation and embankment fill as needed to re-establish channel geometry.	Cupertino
Penitencia Water Treatment Plant Residuals Management Project	93234044	$40M-$50M	May 2025	The objective of the Penitencia Water Treatment Plant (PWTP) Residuals Management Project, is to replace the existing PWTP residuals management system (RMS) to improve operations and abilities to achieve current water quality goals, address aging infrastructure and associated maintenance issues, and improve capacity, efficiency, and reliability. The components of the RMS include: (1) washwater handling and treatment facilities, (2) sludge handling and dewatering facilities, and (3) sedimentation basin sludge withdrawal equipment.	San Jose
West Pipeline Inspection & Rehabilitation Project - Phase 2	95084002	$8.4M	June 2025	West Pipeline is a 9.1 mile pipeline that serves treated water from Rinconada Water Treatment Plant to retail customers located along the west side of Valley Water's service area. The Project will inspect approximately 6.3 miles of the WPL and identify, plan, design, and construct rehabilitation measures. The objective of the Project is to perform condition assessments, structural inspections to identify distressed pipe sections and defective appurtenances, implement repairs, rehabilitate, and replace old and defective appurtenances (valves, flowmeters, etc.), replace and/or modify existing air release valves to conform with current public health standards in California, update electrical and control systems, and install or rehabilitate corrosion protection systems as well as any monitoring and tracking systems. The Project will also include the installation of two (2) additional line valves that allow for damaged portions of the system to be isolated to maintain service to retailers, and allow portions of the system to be isolated for maintenance without shutting down the entire pipeline.	Los Gatos Saratoga Cupertino Los Altos
Anderson Dam Seismic Retrofit Project - WIFIA, DWR funded **(Prequalified Contractors Only)**	91864005	$1.2B - $2B	June 2025	The Anderson Dam Seismic Retrofit Project will replace most of the existing dam embankment with zoned earthen embankment to withstand the maximum considered earthquake (MCE), replace existing outlet works to meet Division of Safety of Dams (DSOD) emergency drawdown criteria, and replace existing spillway to convey the probable maximum flood (PMF). Duration of construction will be 7 years with embankment construction occurring in year 2 through year 6 with annual interim dam elevation requirements and auxiliary spillway construction.	Morgan Hill
Upper Berryessa Creek Off-Site Mitigation Planting Project	26174041	$2M - $3M	September 2025	Conduct planting at different site for a total of 15 acres.	Milpitas San Jose
East Pipeline I & R (Ph. 1)	95084004	$7M - $10M	October 2025	The Project will perform internal inspections of the pipe and provide a conditional assessment to determine what maintenance is necessary and if any repairs are needed to the pipeline sections. The Project scope will include repair, rehabilitation, or replacement of distress pipe sections as well as replacement and installation of valves, flow meters or any other appurtenances as required.	San Jose
Coyote Creek Flood Protection Project - WIFIA, FEMA Grant, & STATE Funded **(Prequalified Contractors Only)**	26174043	$100M - $120M	January 2026	The Coyote Creek Flood Protection Project (CCFPP) will construct improvements along approximately nine (9) miles of Coyote Creek between Montague Expressway and Tully Road in San Jose. The primary objective is to provide protection from floods up to the level that occurred on February 21, 2017, equivalent to approximately a 5% flood (20-year event). Improvements consists of construction of floodwalls, passive barriers, levees and berms.	San Jose
Almaden Valley Pipeline Replacement **(Prequalified Contractors Only)**	92304001	$40M-$50M	January 2026	The Almaden Valley Pipeline (AVP) is a part of the Valley Water raw water delivery system. This pipeline is used to supply raw water to Valley Water's water treatment plants and groundwater recharge facilities. This pipeline provides access, with no redundancy, to local raw water sources from Valley Water's Anderson and Calero Reservoirs and imported water from the United States Bureau of Reclamation San Luis Reservoir and San Felipe system. AVP was constructed in two major Units: Unit 1 was constructed in the 1960s and Unit 2 was constructed in the 1980s. The project will refurbish, rehabilitate, or replace approximately 7.5 of the 12 miles of prestressed concrete cylinder pipe, welded steel pipe, and bar wrapped pipe, to address various stages of degradation.	San Jose, Unincorporated Santa Clara County
Sunnyvale East and West Channels Project - WIFIA Loan, FEMA Grant Funded	26074002	$45M - $50M	January 2026	The Sunnyvale West Channel extends approximately three miles and upgrades existing channel capacity to provide 1% (or 100-year) flood protection for 47 acres of highly valuable industrial lands. The Sunnyvale East Channel extends approximately 6.4 miles and upgrades existing channel capacity to provide 1% flood protection for 1,618 parcels. The project is being constructed in two phases. Construction of the West Channel improvements constitutes Phase 1, and construction of the East Channel improvements is Phase 2. Both phases decrease channel turbidity and sediment by repairing erosion sites, thereby improving water quality. The project will also identify opportunities to integrate recreation improvements with the City of Sunnyvale and others as appropriate. Proposed work includes a bridge replacement with a triple cell box culvert, a culvert undercrossing replacement, concrete floodwalls, concrete headwalls, levee raising, maintenance road resurfacing, and incidentals.	Sunnyvale
WARP Guadalupe River Erosion Repair at Malone Road & Blossom Hill Road	62084001	$4.5M - $6M	January 2026	The Malone Road portion of the Project will place approximately 250' of new rock slope protection. 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. 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
Pond A4 Resilient Habitat Restoration Project - State Grant	20444002	$7.79M	February 2026	Pond A4 RHR Project Phase 1 includes access improvement and staging area construction, which is necessary for SMP sediment to be safely delivered to Pond A4 to be beneficially reused toward the establishment of shallow water habitat. The Project also includes construction of habitat benching.	Sunnyvale
San Jose Purified Water Project (SJPWP) – Phase 1 (Pilot Facility)	91294001	$22M	December 2026	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
San Jose Purified Water Project (SJPWP) – Phase 1 (Learning Center)	91294001	$15M	October 2027	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
Lower Guadalupe Capacity Restoration Project	30154019	$80M	May 2028	The scope includes raising levees by approx. 2-3 feet between Hwy 101 and Tasman, as well as raising headwalls at bridges at Montague Expressway and Trimble Road.	San Jose
WARP Coyote Creek Erosion Repair at Julian Street	62084001	$3.5M-$4.5M	TBD	The Project will repair the erosion along the embankment of the creek segment with a sheet pile retaining wall and restore the damaged portion of parking lot and segment of fence behind the existing school building. Valley Water and San Jose School District are negotiating on the cost share agreement for the total Project cost.	San Jose
Calero Dam Seismic Retrofit	91874004	$110M	TBD	Stabilize the embankment to withstand a Maximum Credible Earthquake (MCE); Modify or replace the outlet works if determined to be inadequate; Modify the spillway or increase the freeboard of the dam for safe passage of the Probable Maximum Flood (PMF); Provide modifications that do not preclude potential future expansion of dam and reservoir to provide additional reservoir storage; Remove or relocate the Bailey Ranch structures and breach Fellow's Dike.	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
Almaden Dam Improvements	91854001	$53.6M	TBD	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
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