Valley Water's
Future Construction Projects

Updated: December 6, 2023

Project Name	Project Number	Estimated Construction Cost	Anticipated Advertisement Date	Description	Site Location
Upper Llagas 6, 7B, 8 (portion), 14 (Phase 2B)	26174052	$85M-$90M	January, 2024	Phase 2B right of way acquisitions are on-going (approximately 4 remaining), currently anticipated to be acquired by December 2022. Phase 2B construction documents are currently at 95% and our being repackaged to include the City of Morgan Hill's Hale Avenue Extension Project design construction. City of Morgan Hill will reimburse Valley Water in accordance with a cost sharing agreement. Phase 2B advertisement is undetermined at this time due to lack of funding. Project is fully permitted and shovel ready. Valley Water continues to work with Natural Resorces Conservation Services to secure grant funding for Phase 2B.	Morgan Hill
P3 - Public-Private-Partnership for the Design, Construction, Financing, Operation, and Maintenance of the Purified Water Project (RFP) **(Release of RFP for shorlisted entities only)**	91304001	$700M	February, 2024	The Public-Private-Partnership for the Design, Construction, Financing, Operation, and Maintenance of the Purified Water Project (P3) aims to reliably produce, convey, and recharge up to 11,200 AFY of purified water that is suitable for indirect potable reuse in full compliance with all applicable local, state and federal laws and regulations. Advanced purification is a state-of-the-art, three-step process that purifies treated wastewater using microfiltration, reverse osmosis, and ultraviolet disinfection. There are two types of potable reuse, indirect and direct. With indirect potable reuse, the groundwater aquifer, a source of drinking water, is recharged with advanced purified water. Direct potable reuse blends advanced purified water with raw water supplies at a drinking water treatment plant prior to treatment and distribution.	Santa Clara County
West Pipeline Inspection & Rehabilitation Project - Phase 1	95084002	$6.8M	March, 2024	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 2.8 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
Sunnyvale East and West Channels Project	26074002	$45M	August, 2024	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
San Francisquito Creek Channel Widening Project	26284002	$25M-$30M	August, 2024	The Project will widen four (4) sites that are constricting water flows within the Project reach and replace two (2) existing walls upstream of University Ave (a temporary wooden plank wall along Woodland Ave and sacked concrete walls behind private properties along the Palo Alto bank).	Palo Alto, East Palo Alto, Menlo Park
Coyote Creek Flood Protection Project - WIFIA & STATE Funded **(Prequalification of Contractors)**	26174043	$130M	September, 2024	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 occured 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
Anderson Dam Seismic Retrofit Project **(Prequalification of Contractors)**	91864005	$500M-$1.5B	September, 2024	The Anderson Dam Seismic Retrofit Project will replace most of the existing dam embankment with zoned earthen emankment to withstand the maximum considered earthquake (MCE), replace existing outlet works to meet Divison of Safety of Dams (DSOD) emergency drawdown criteria, and replace existing spillway to convey the probable maximum flood (PMF). Durration of construction will be 7 years with embankment construction occuring in year 2 through year 6 with annual interim dam elevation requirements and auxillary spillway construction.	Morgan Hill
Penitencia Water Treatment Plant Residuals Management Project	93234044	$44M	December, 2024	The objective of the Penitencia Water Treatment Plant (PWTP) Residuals Managment 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
WARP Guadalupe River (Blossom Hill Rd & Malone Road Erosion Repair) (REBID)	62084001	$5M	February, 2025	The Project will repair two (2) sites with a combined length of approximately 400' of new soldier pile wall. The repair work at Malone Road will address existing erosion damage to the concrete lining adjacent to Almaden 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 Concrete U-Frame Rehab Project (Permanente & Hale Creek)	62084001	$3.5M-$4.5M	March, 2025	The Permanenete Creek Concrete U-Frame Channel Interim Repair Project is to control the deflection of the channel walls and extend the channel's service life by bracing the channel walls. The concrete channel is about 950 feet long, from Park Drive to Mountain View Avenue in the City of Mountain View and was built in the 1960's. The Project is covered under VW's SMP and the construction will start in 2024.	City of Mountain View
Phase 1 Palo Alto Tide Gate Seismic Retrofit and Rehabilitation Project	10394001	$2.3M	March, 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
Erosion Repair at Julian adjacent to S.J. High School (Coyote Creek) $3.5M-$4.5M	62084001	$3.5M-$4.5M	March, 2025	The Project will repair the erosion along the embankment of the creek segment with a sheet pile retaining wall and resore 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
West Pipeline Inspection & Rehabilitation Project - Phase 2	95084002	$8.4M	March, 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
Coyote Creek Flood Protection Project - WIFIA Funded **(Prequalified Contractors Only)**	26174003	$130M	March, 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 occured 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
Anderson Dam Seismic Retrofit Project **(Prequalified Contractors Only)**	91864005	$500M-$1.5B	September, 2025	The Anderson Dam Seismic Retrofit Project will replace most of the existing dam embankment with zoned earthen emankment to withstand the maximum considered earthquake (MCE), replace existing outlet works to meet Divison of Safety of Dams (DSOD) emergency drawdown criteria, and replace existing spillway to convey the probable maximum flood (PMF). Durration of construction will be 7 years with embankment construction occuring in year 2 through year 6 with annual interim dam elevation requirements and auxillary spillway construction.	Morgan Hill
WTP Electrical Improvement Project (with NDA)	93084004	$11M	September, 2025	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. Construction period is anticipated in May 2024.	Santa Clara County