

# Vasona Pumping Station Fence and Gates Replacement Project No. 92764009

## Engineer's Report



April 2019

Water Utility Capital Division



**Valley Water**

Clean Water • Healthy Environment • Flood Protection

**(Page intentionally left blank)**

# VASONA PUMPING STATION FENCE AND GATES REPLACEMENT

PROJECT NO. 92764009

## ENGINEER'S REPORT

Prepared By:

Marisela Garcia, Assistant Engineer II

Under the Direction of:

Emmanuel Aryee, P.E.  
Engineering Unit Manager

Katherine Oven, P.E.  
Deputy Operating Officer

Nina Hawk  
Chief Operating Officer

Norma Camacho  
Chief Executive Officer

The Engineer's Report has been prepared under the direct supervision of the undersigned, who hereby certifies that he is a Registered Civil Engineer in the State of California



April 2019

### DISTRICT BOARD OF DIRECTORS

John L. Varela	District 1	Nai Hsueh, Vice Chair	District 5
Barbara Keegan	District 2	Tony Estremera	District 6
Richard Santos	District 3	Gary Kremen	District 7
Linda J. LeZotte, Chair	District 4		

**(Page intentionally left blank)**

**Vasona Pumping Station  
Fence and Gate Replacement Project  
Project No. 92764009  
Engineer's Report  
April 2019**

---

## **1. PROJECT DESCRIPTION**

Santa Clara Valley Water District (District) owns and maintains a raw water pumping plant in Los Gatos, referred to as the Vasona Pumping Station, which is adjacent to the Vasona Reservoir. The pump station is located at the terminus of the Central and Almaden Valley Pipelines and the start of the Rinconada Force Main. The project will provide increased security for the pump station, valve yard, meter shop, and the employees working onsite.

This Project will replace 1,600 linear feet (LF) of existing 6-foot high fencing with 8-foot high mini-mesh chain-link fence; install 500 LF of new fencing along other segments of the District's property line; replace one existing and install two new 6-foot wide pedestrian gates; replace three existing and install one new 25-foot long and one 10-foot long manual vehicular gates; and install one new automatic vehicular security gate.

## **2. ZONE BENEFITS**

The proposed Project work will benefit the customers of Zone W-2 (North County). The additional security will ensure the District continues to deliver water to the west side of Santa Clara County.

## **3. PROJECT RIGHT OF WAY**

The proposed Project would be constructed on District property.

## **4. MAPS AND FIGURES**

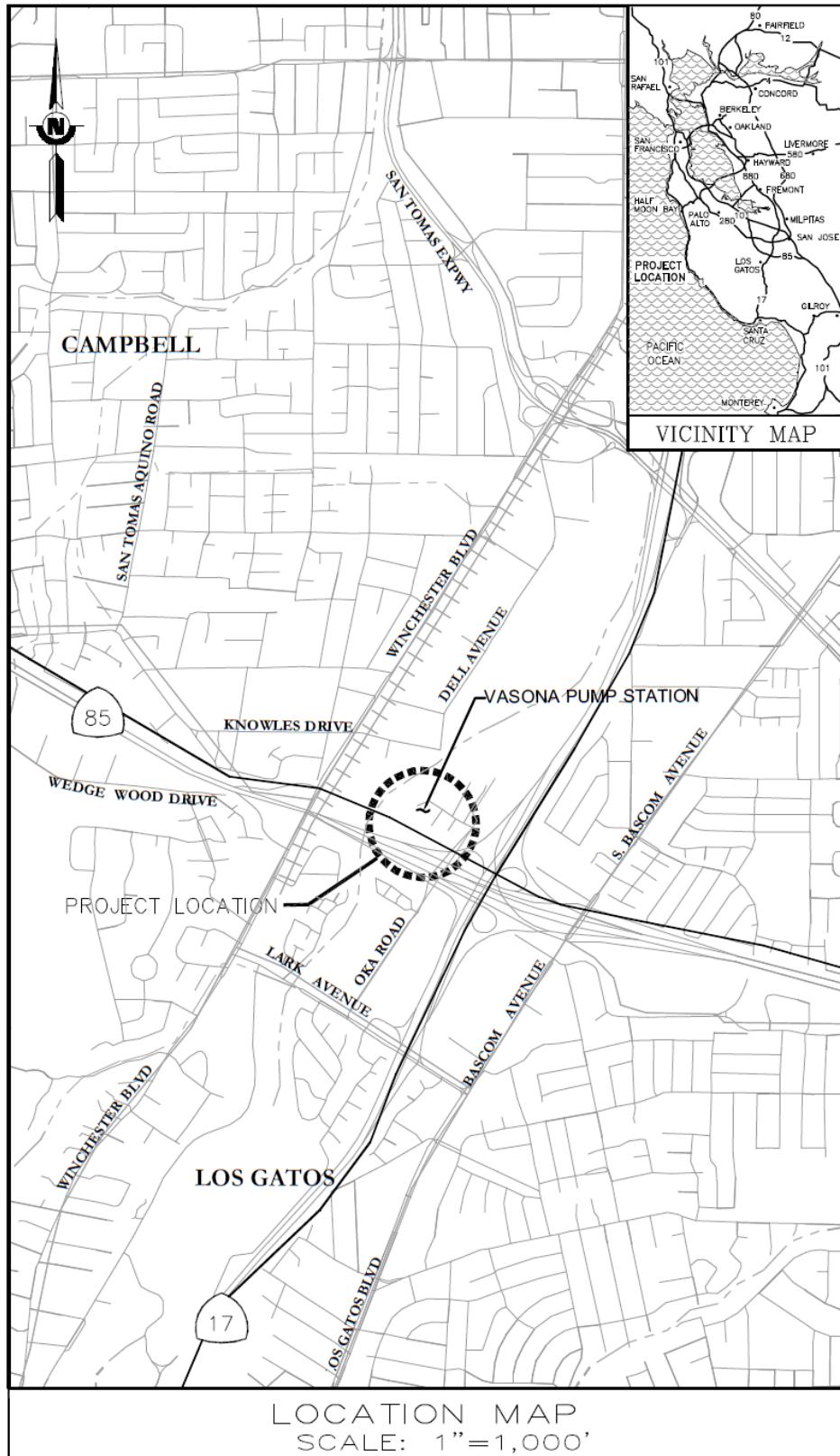
Figure 1 - Project Location Map

## **5. PROJECT COSTS**

The estimated cost to design and construct the proposed Project is \$620,000 (in 2019 dollars). The proposed Project would be funded by the Water Enterprise Fund.

## **6. PROJECT SCHEDULE**

- Advertise for construction bids: July 2019
- Award construction contract: September 2019
- Complete construction: March 2020



**Figure 1 - Project Location Map**