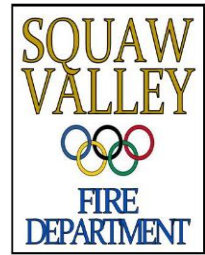




SQUAW VALLEY PUBLIC SERVICE DISTRICT



ENGINEERING REPORT

DATE: May 26, 2020

TO: District Board Members

FROM: Dave Hunt, District Engineer

SUBJECT: Engineering Report – Information Only

BACKGROUND: The discussion section below provides information from the District Engineer on current projects and the department's activities that are not the subject of a separate report. This report is prepared to provide new information and recent progress only.

DISCUSSION: Meetings

The District Engineer participated in the following meetings in the last month:

- SVPSD Board Meeting
- Monthly Planning Meeting – Staff
- Staff Meetings - Multiple
- District Engineer – General Manager Meeting – Weekly
- Junior Engineer Staff Meetings – Weekly
- Workload Planning Meetings – GM, several
- Water Model Calibration Meetings – Staff, Farr West Engineering
- West Tank Recoating Project Meetings – Several, Staff, Farr West Engineering
- Backflow Conversion Project Meetings – Several, Farr West Engineering
- Pre-Development Meeting – Granite View (Carville) – Placer County, staff
- VueWorks Implementation Meetings – Junior Engineer, Farr West
- VueWorks Webinar 2020 Northwest Regional Meeting
- VueWorks Webinar Administrator Training

Projects

1810 Fire Station and Administration Building Roof Replacement Project

- Contractor began May 11, 2020 on the Administration Building. Weather has been an issue the first two weeks. Work is scheduled to be complete by early June
- Staff has been performing construction inspection and management

tasks including coordination with the contractor and roofing consultant and reviewing project submittals.

Backflow Testing Database Project – Converting from Hansen to VueWorks

- This project is part of the District's asset management implementation program.
- Staff has been working closely with our GIS consultant to develop accurate and complete backflow device and customer databases.
- The project will be complete by June 1 with annual backflow testing letters being sent to all residential and commercial customers.

West Tank Recoating Project

- This project includes recoating the interior and exterior of the West Tank, which is a 1.15 million gallon water storage tank.
- The District awarded a design support contract to Farr West Engineering for water modeling and design services.
- The District will be exploring funding opportunities for this project through USDA and SRF.
- Construction is scheduled to take place in the Spring of Fall of 2021.
- The estimated total cost for this project is \$550,000 - \$600.

2020 Sewer Television Inspection Project

- The District awarded a contract to Pro Pipe for digital scanning and CCTV service for the 2020 project work for \$43,000.
- This year's scope of work includes digital scanning of approximately 18,150 linear feet of 6-inch and 15-inch sewer pipe, and CCTV inspection of 6,600 linear feet of 4-inch pipe (both District owned mains and sewer service laterals).
- The work will occur in May-June.

Engineering Department Activities – On-Going

- Residential plan reviews for new and remodel construction
- Residential inspection for new and remodel construction
- Sewer lateral pressure testing inspections
- GIS database updates
- VUEworks implementation
- Water and Sewer Technical Specification Updates
- Sewer System Capital Replacement Plan

ATTACHMENTS: None.

DATE PREPARED: May 14, 2020