



OLYMPIC VALLEY PUBLIC SERVICE DISTRICT



EXHIBIT G-3
3 Pages

ENGINEERING REPORT

DATE: January 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:

- OVPSD Board Meeting
- Finance Committee Meeting
- Monthly Planning Meeting – Staff
- District Engineer – General Manager Meeting – Weekly
- District Engineer, General Manager, Operations Manager Meeting – Bi-weekly
- District Engineer, Junior Engineer Meeting – Frequent
- Granite Chief “A” Line Sewer Replacement Meetings – several, GCEPOA, District Counsel, Auerbach Engineering, staff
- GIS Database QA/QC Meetings – several, staff, Farr West Engineering
- Village at Squaw Valley Specific Plan Development Agreement Meetings – Several, Staff
- Placer County Financial Assistance Program Grant Meeting – General Manager
- Water Meter Change Out Project Meetings – General Manager, Finance Manager, Operations Managers
- Placer County Accela Permits Workflow Meeting – staff, Placer County
- Painted Rock Lodge Waterline Extension Project Meetings – several, staff, Auerbach Engineering
- West Tank Recoating Project Meeting – Several, staff, Sierra Controls

Projects

West Tank Recoating Project

- District staff and Farr West Engineering are preparing a Basis of Design Report to address temporary water supply and storage for the project. This includes evaluating water demands, pumping capacities, storage needs, and developing an operational strategy to support domestic and fire demands during construction.
- Farr West and staff are preparing preliminary design documents.
- The project should go out to bid in late February 2021 with award of contract to successful bidder expected in March 2021.
- Construction is scheduled for late summer 2021.

Sewer System Pipeline and Manhole Rehabilitation Project

- This project includes rehabilitation and/or replacement of approximately 9,000 linear feet of sewer mains, 35 manholes, and District owned lower sewer laterals.
- District staff prepared a comprehensive condition and risk assessment of the entire sewer collection system based on CCTV television inspections and manhole inspections.
- Staff is proposing to contract with Farr West Engineering to complete a Basis of Design Report (BDR) and prepare design documents for construction of the improvements.
- BDR will include a summary of the condition and risk assessment performed by staff and define a capital replacement plan for the rehabilitation/replacement of sewer assets.
- If approved by the Board, the BDR will be prepared in February/March and be used to inform the Capital Replacement Plan budget and schedule.

Pressure Zone 1A Project

- Staff is working to reconcile and update the GIS database with accurate water meter data to be used in the water model update and calibration task.
- Farr West Engineering will update the water model with accurate meter data and calibrate the model based on field testing and SCADA data.
- Model updates are scheduled for February 2021.

Granite Chief "A" Line Sewer Replacement Project

- Staff is coordinating planning, easement, and design activities with the Granite Chief Estates Property Owners Association (GCEPOA) and their consultant Auerbach Engineering.
- Project includes replacement of aged privately owned sewer main serving 8 properties along Granite Chief Road.
- The project includes acquiring easements from homeowners for new line location.
- GCEPOA is responsible for the sewer line and its replacement. District will take dedication of the new sewer assets after successful completion of project.
- District will provide a financial contribution to the GCEPOA for construction of the improvements.
- Project is expected to be constructed in 2021 or 2022.

Engineering Department Activities – On-Going

- VSVSP Development Agreement and Design Review
- Resort at Squaw Creek Phase 2 Infrastructure Improvements – Irrevocable Offer of Dedication
- Carville SFR Project Design Review and Development Agreement
- Painted Rock Waterline Extension Project Design Review and Dedication Agreement
- Residential plan reviews and contractor/owner coordination for new and remodel construction
- GIS database updates and VUEworks implementation
- Water and Sewer Code and Technical Specification updates

ATTACHMENTS: None.

DATE PREPARED: January 20, 2021