

MEMORANDUM

TO: Roxborough Water and Sanitation District
Board of Directors

FROM: TST Infrastructure, LLC
Bill Goetz

SUBJECT: Engineering Status Report

DATE: March 10, 2022

I. DEVELOPMENT PROJECTS

Berkeley Homes – Construction plans have been approved. The geotechnical report has been received and reviewed. The required easements have not yet been submitted by the developer.

Valley View Church – VVC was unable to obtain easements for the pipeline alignment as originally planned. Alternative alignments have been discussed, and VVC is working to obtain easements for an alternate route.

Sherwin Williams Store – Drawings have been resubmitted by the developer, but all review comments have not been addressed.

Titan Road Vehicle Storage – The developer requested clarification of easement requirements and the requested information has been provided.

II. WATER TREATMENT PLANT OVERFLOW POND (PHASE 1)

Work on the Phase 1 contract is complete and final payment is requested as part of the March agenda.

III. WATER TREATMENT PLANT OVERFLOW POND (PHASE 2)

Design is complete and a price for the Phase 2 work will be requested from Moltz Construction.

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IV. RAMPART WATER LINE REPLACEMENT

Review of most of the required submittals has been completed. The valve supplier for the project has been changed and delivery of valves is no longer expected to impact the construction schedule. The contractor now advises that pipe delivery may be delayed several weeks.

V. RAMPART PUMP STATION RELOCATION

TST has prepared exhibits and cost estimates for further discussions with the adjacent landowner. A second meeting is scheduled for March 16.

VI. WTP HIGH ZONE PUMP FOR DWSD

The new pump has been installed and demolition of existing piping is in progress. Delivery of the new VFD remains an issue. Construction of a new office and restroom have been added to the contract.

VII. LIFT STATION PUMP 203 REPLACEMENT

The new pump has been ordered and the pump submittal has been approved. Delivery of the pump is tentatively scheduled for July. Drawings for pump installation and piping revisions are in progress and are expected to be ready for review the week of March 14. Other items including a new hoist and a harmonic filter may be preordered to reduce potential schedule impacts.

VIII. SEWER FLOW MEASURING STATIONS

A combination of permanent and portable flow measuring devices are planned to monitor Inflow and Infiltration in the sewer system. New sites for the permanent metering stations have been approved by Ravenna and the required parts and equipment has been ordered. Procurement is expected to take approximately two months.

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IX. RATE EVALUATION

The annual rate evaluation is in progress and the results will be presented at the March board meeting.

X. GIS

The latest IT pipes data showing condition of existing sewer lines is being added to the GIS.

XI. DISTRIBUTION SYSTEM ISOLATION VALVES

The location of existing isolation valves in Roxborough Park is under review by TST and District staff. The review is intended to identify opportunities for improved control of the distribution system.