



JOINT CAPITAL & CONSTRUCTION MEETING AND BOARD OF TRUSTEES MEETING

Monday June 5, 2023, at 4:30 p.m.

Memorandum

Ms. Foley called the meeting to order at 4:30 p.m.

Members Present: Committee Chair Amanda Foley, members Steve Pittman and Jeff Hill. Others in attendance were Board member Eric Hand, Legal Counsel Anne Poindexter, Utility Director Andrew Williams, Engineering Manager Wes Merkle, Collections Superintendent Aaron Strong, District Engineer Ryan Hartman and Administrative Assistant Maggie Crediford.

PUBLIC COMMENT

There was no one present from the public.

DEDICATIONS

The Committee will recommend the Board of Trustees accept the Guidepost Higher Ground Elementary Sanitary Sewers.

#2301 LIFT STATION 10 UPGRADES-PROFESSIONAL SERVICES

Mr. Merkle explained Lift Station 10 is in the Ashbrook neighborhood. The regional lift station services about the southwest corner of our service area. The lift station has no redundancy in wet weather but has never overflowed due substantial storage through surcharging. Staff updated the master plan and set buildout capacity at 3.35 million gallons a day. Staff issued a request for five proposals. Four were received. Mr. Pittman asked if this project is included in the 2023 approved Capital Budget. Mr. Merkle said it is. Mr. Hill asked if we buy equipment upfront does that shorten the warranty period because TriCo is taking ownership of equipment before the contractor is ready to install it. Mr. Merkle said typically once equipment is received, the warranty clock starts when the equipment is installed, but up to a certain amount of time after receipt. Staff monitors that closely when reviewing proposals. The Committee will recommend approving the professional services agreement with Commonwealth Engineers in an amount not to exceed \$70,700.

TEE/WYE CIPP LATERAL LINER PROJECT

Mr. Strong said staff found nine lateral repairs that are needed where lateral lines tie into sewer mains. The repairs are made with a cure in place pipe (CIPP) patch. It is a no dig solution. Mr. Pittman asked how long a solution like that lasts. Mr. Strong said the warranty on them is 20 years. Funding for the project was included in the 2023 Operating Budget. The Committee will recommend awarding the Tee/Wye CIPP lateral Liner contract to Circle City Pipe Lining for \$32,859.

WRRF MASTER PLANNING UPDATES & SERVICE AREA GROWTH

Mr. Merkle is proposing the Utility do a master plan update for the plant. The last update included only what was needed for the recently completed plant expansion project which added enough capacity to handle buildout of TriCo's service area. This study would give staff and the Board the best information when discussing external opportunities. Mrs. Poindexter said her stance is, knowledge is power and conducting a study would give TriCo information they need to make the most informed decisions going forward. Mr. Merkle said he believes a study would cost between \$50,000 and \$75,000. This is not included in the 2023 Capital or Operating Budgets. However, there is \$70,000 currently available between the 2023 Capital and Operating budgets for consulting that are not allocated for other projects which could be used. The Committee agreed that a master plan for the plant would be prudent. When Mr. Merkle has more information on scope and cost, he will present it to the committee for consideration.

WRRF ENERGY CONSUMPTION, GENERATION & STORAGE

Mr. Merkle has been discussing alternative energy sources with Solential Energy in Carmel. They are looking at what the costs and benefits would be in adding solar power at the plant. The federal government is currently offering a 30% credit for nonprofit and municipal organizations to incorporate alternative energy sources. Solar panels are being considered for the unused portion of the back berm by the FedEx building and covered parking with solar panels on the top for company vehicles. Solential indicated that an 800 kilowatt project would cost approximately \$1.2 million after tax credits, and when considering long term operating costs and reduced power bills could net approximately 9-10 percent return. Mr. Merkle will continue looking into opportunities.

PROJECT UPDATES

#1902 TriCo WRRF Expansion- Thieneman continues to make progress on punch list and warranty items.

#2202 Lift Station 8 (Laurelwood) Reconstruction- Lykins has directional drilling equipment on site and began the force main installation. Lift station work will follow. Completion is expected in late summer.

#2204, 2205 and 2206 Lift Stations 11, 14, and 26 Backup Generators- Delivery of the third new generator for Lift Station 14 is anticipated this week. Construction contractor Barth Electric expects to begin work at Lift Stations 11 this week.

#2207 Lift Station 26 (Jackson's Grant) Parallel Force Main- Work should begin as soon as materials are delivered. Completion is expected late summer.

#2008 Lift Station 16 (Michigan Road/Sycamore Street) Reconstruction- Ottenweller began work onsite. A deep-water transmission main was found in conflict with the proposed sanitary sewer extension, so the new sewer main across Michigan Road had to be installed deeper than anticipated. The development team has installed their sewers on site. Completion of the lift station is expected to be fall 2023.

#2301 Lift Station 10 (Ashbrook) Upgrades- Staff completed an evaluation of the current flow and EDU data to finalize design parameters for planned upgrades. A request for proposals was issued to five firms, proposals were received and evaluated by staff. If approved by the Board, the design will be complete with permits and bids for construction received this fall.

#2302 Lift Station 23 (126th Street/West Clay Elementary) Upgrades- Staff plans to proceed with design of this project later this year, if wet weather flows indicate that additional capacity is needed. If not, the project will be postponed.

Lacoma Estates Low Pressure Main Extension- Construction is expected to begin after St. Vincent, who owns the home needing service, gives their approval. Once underway the work should take several weeks to complete.

ADJOURNMENT

The meeting adjourned at 5:22 p.m.

Respectfully submitted,



Wes Merkle
Engineering Manager