



TriCo Regional Sewer Utility

www.TriCo.eco Phone (317) 844-9200 Fax (317) 844-9203

CAPITAL & CONSTRUCTION COMMITTEE MEETING

Monday, January 11, 2021 at 5:30 P.M.
7236 Mayflower Park Drive, Zionsville, IN 46077

AGENDA

1. Public Comment
2. Lift Station 11 Equipment Installation
3. Capital Project Updates
4. Other Business

Next Scheduled C&C Meeting: Monday, February 1, 2021 at 4:30 pm



MEMORANDUM

To: Capital and Construction Committee
From: Wes Merkle
Date: January 6, 2021
Subject: #1911 Lift Station 11 Equipment Installation
Construction Contract Award

The following quotes were received on January 6 for the subject project:

Maddox Industrial Group	\$ 135,950
Pyramid Design and Construction	\$ 89,898

Pyramid was the lowest responsive and responsible quoter.

After numbers came back too high last month, staff spoke with bidders and adjusted the scope of work in an effort to better control costs and still accomplish the project's objectives. The budget was also increased to \$175,000, which includes new pumps, VFDs, controls, and installation. Quote requests were sent to seven contractors.

Existing pumps have struggled to keep up with wet weather flows in a basin where I&I is considered normal. This project replaces aging pumps, piping, and electrical equipment at the end of its service life. It also upsizes pumps to buildout flow capacity, provides operational efficiencies by adding variable frequency drives (VFDs), and accommodates future installation of an emergency generator.

Recommended Action: Recommend the Board award the #1911 Lift Station 11 Equipment Installation construction contract to Pyramid Design and Construction for \$89,898.



MEMORANDUM

To: Capital and Construction Committee

From: Wes Merkle

Date: January 6, 2021

Subject: Capital Project Updates

The following updates are provided for ongoing capital projects. Please refer to the Capital Project Fact Sheets for background information on individual projects.

1. #1802 – Haver Way Sewer Improvements (located southwest of Keystone and 96th Street)

Crews installed new gravity sewer and force main on Whitley Drive. At the lift station, crews installed the new wet well and valve vault. Piping and underground electric are complete. Lift station completion and startup are planned for January, then crews will demolish the old private lift station on Whitley Drive and continue gravity sewer installation towards Haver Way. Completion is due in May.

2. #1902 – TriCo WRRF Expansion

Installation of the new screens and grit washers began in December in the pretreatment building. Crews continued concrete work on the grit structure. Work continued in the VLRs including concrete fillets, gates, pressure relief valves, and walkways. Crews continued installing equipment in all three new clarifiers. Backfilling and process piping installation continued in this area. Concrete block masonry walls were started for the new RAS-WAS pump building.

Electrical work continued with installation of the main switch board, portable generator docking station, automatic transfer switch, and MCC gear in the VLR control building. Crews are working with plant staff on planning major shut downs for final installation and tie ins.

3. #1906 – Eagle Creek Outfall Sewer Expansion (located between TriCo WRRF and Eagle Creek to the west)

One crews continued open cut sewer installation from Bennett Parkway to the plant, where a new splitter structure was installed. Vectren relocated a gas main along Zionsville Road. A second crew continued open cut installation east of Zionsville Road. While completion is due in April, the general contractor expects to finish the work early.

4. #1910 – Office Unification

Punch list work continues by various contractors. Control Tech replaced the lab HVAC system. Staff requested various furniture modifications from RJE; we await delivery and installation. Architects provided several solutions for acoustics in the open office, lobby, and training/board room, as well as interior décor. Staff will install several items. We are waiting to receive quotes for acoustical ceiling panels.

5. #1911 – Lift Station 11 Pump and Control Panel Replacement

New pumps have been delivered. ACE Technologies is modifying the control panel from decommissioned Lift Station 4 for reuse. Duke Energy is ready to upgrade the electric service. If the contract is awarded by the Board this month, installation of pumps, piping, and electrical equipment is anticipated in February or March.

6. #2002 – Lift Station 2 (106th/Spring Mill Road) Odor Control System Replacement

Staff will receive quotes for installation of the new odor control system in late January. Equipment will be delivered by February and installed at that time.

7. #2004 – Lift Station 1 Repairs

The generator supplier notified staff that delivery has been pushed back to February. Installation will follow delivery.

8. #2102 – Lift Station 16 Reconstruction

Last this month staff plans to issue a request for proposals to engineering firms for design services, pending development at Michigan Road and Sycamore Street moving forward.

9. #2103 – Long Brook, Bridlewood & Countrywood Sewer Extension

Staff meeting with GRW shortly to discuss scope of work. This will be the final neighborhood sewer project. Design is expected to include estate lot extensions as well to streamline IDEM permitting: Hopwood, West Road and 500 South. All areas have homeowners requesting service for immediate connection.