



TriCo Regional Sewer Utility

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CAPITAL & CONSTRUCTION COMMITTEE MEETING

Monday, November 9, 2020 at 5:00 P.M.

7236 Mayflower Park Drive, Zionsville, IN 46077

AGENDA

1. Public Comment
2. Dedications
3. Capital Budget
4. Capital Project Updates
5. Other Business

Next Scheduled C&C Meeting: Monday, December 7, 2020 at 4:30 pm



MEMORANDUM

To: Capital and Construction Committee

From: Wes Merkle

Date: November 4, 2020

Subject: Dedications

Bear Creek South Sections 1A and 1B, Hamlet at Jacksons Grant Section 2, and Michigan Road Retail - Redd Road sanitary sewers are complete and ready for dedication. Staff is recommending acceptance of these sewers.

Recommended Action: Accept the dedication of Bear Creek South Sections 1A and 1B, Hamlet at Jacksons Grant Section 2, and Michigan Road Retail - Redd Road sanitary sewers.



MEMORANDUM

To: Capital and Construction Committee

From: Wes Merkle

Date: November 4, 2020

Subject: Capital Budget

The attached draft 2021 Capital Budget was presented in October. The Capital Budget and C&C Committee input will be discussed at the November 6 B&F Committee meeting. B&F Committee comments will be shared with the C&C Committee on November 9.

The “Project No.” column on the left side corresponds to project numbers in the project fact sheets. Updated project fact sheets provide further information on individual projects. The column on the right side highlights changes from the approved 2020 Capital Budget.

Capital spending for 2020 will be almost \$2 million more than budgeted due to plant expansion construction progressing faster than expected. From 2020 through 2025, however, total capital spending was reduced by \$518,000 to \$45.9 million.

The large plant expansion project (#1902) is still the elephant in the room as far as our capital budget is concerned. The construction phase budgeted \$23.3 million for 2020 and 2021, which included a 5 percent change order contingency over the original contract amount. The construction contract is currently \$302,000 below the original contract amount. While several cost adders are being evaluated and negotiated, staff continues to find savings opportunities that are expected to offset those adders. Presently unknown conditions with buried or concealed infrastructure may impact cost down the road. With that in mind, staff recommends reducing the total project budget to \$22.2 million. Year to date spending on this project through August 31 is \$8.36 million, staff projects 2020 spending on this project to total \$15.2 million, leaving \$7.0 million in spending in 2021.

In 2021, we anticipate starting engineering design on projects at Lift Stations 8, 10, 16 and 26, as well as the Little Eagle Creek Interceptor Extension and the final neighborhood sewer extension projects.



MEMORANDUM

To: Capital and Construction Committee

From: Wes Merkle

Date: November 4, 2020

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)

Work will begin shortly once materials and equipment are delivered to the site. Completion is due in May.

2. #1901 – Lift Station 14 Parallel Force Main (located along Michigan Road from Austin Oaks to Ansley Park)

Crews installed new valves and piping improvements at Lift Station 14. The new force main is shortly in the coming weeks.

3. #1902 – TriCo WRRF Expansion

Crews continued installing equipment in all three new clarifiers as well as the mixed liquor splitter. Crews also set precast concrete for the secondary effluent structure and scum pump station. Backfilling and process piping installation is underway in the area.

Numerous concrete pours were completed on construction of the new VLRs. Only a few concrete pours remain. Once VLR concrete work is complete, crews will shift over to building the new grit structure and modifying the influent splitter.

The new emergency/backup generator was delivered and installed on its concrete foundation. The 2-megawatt generator was sized to power the entire plant, including all new process equipment, and contains a 2,900 horsepower engine.

Overall the work continues on schedule. There have been several issues with material delivery delays due to the pandemic, however staff worked with Thieneman to find acceptable alternatives to keep the work moving forward.

4. #1906 – Eagle Creek Outfall Sewer Expansion (located between TriCo WRRF and Eagle Creek to the west)

Crews completed directional drilling and boring/jacking operations for all three road crossings. Open cut installation work is nearly complete from Eagle Creek to Zionsville Road. Crews are working eastward towards the plant from Zionsville Road and at Lift Station 11 on Old 106th Street. While completion is due in April, the general contractor expects to finish the work by the end of this year.

5. #1910 – Office Unification

Alderson and its subcontractors substantially completed work for the office building. Some punch list items remain. The temporary office trailer on the south side of the building will be removed from the site in November, with restoration work in the area to follow. Zionsville completed building inspections prior to issuing a certificate of occupancy.

Thieneman completed site work for the new office, except for the guard rail around the pond and installation of the two parking lot gates, which should be complete shortly. Delivery of guard rail material was delayed due to the pandemic.

New furnishings have been delivered and installed. Some items did not come in yet and loaner furnishings were provided, other items arrived damaged and parts will be replaced. A/V equipment and window blinds should be complete shortly. Landscaping is underway and will be complete mid-November. IT wiring installation, equipment relocation, and SCADA equipment relocation are all complete.

Security camera system upgrades, which includes new cameras for the office and parking lots, will be installed in the coming weeks. A new HVAC system for the lab will be installed in December.

6. #1911 – Lift Station 11 Pump and Control Panel Replacement

We are waiting for delivery of new pumps. ACE Technologies is modifying the control panel from decommissioned Lift Station 4 for reuse. Staff is waiting for Duke Energy to provide a schedule for upgrading electric service. Once Duke's schedule is known staff will receive quotes for installation of pumps, piping, and electrical equipment.

7. #2002 – Lift Station 2 (106th/Spring Mill Road) Odor Control System Replacement

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

8. #2003 – 2020 Neighborhood Sewer Extensions

This project extends sewers to Williams Creek Farms, Woodhaven, Timber Ridge, and remaining parts of Lakewood Gardens. Crews have completed work in

Lakewood Gardens and Williams Creek Farms. Crews are now working in Woodhaven and Timber Ridge. Staff worked with a few homeowners in Woodhaven concerned about restoration. One homeowner was upset after a crew initially installed a flushing station outside of easement; once confirmed the flushing station was relocated. The boring crew installing a casing pipe under Michigan Road damaged a gas main the last week of October, which resulted in emergency crews shutting down area roads until repairs were complete. Overall project completion is anticipated in November.

10. #2004 – Lift Station 1 Repairs

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