



TriCo Regional Sewer Utility

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CAPITAL & CONSTRUCTION COMMITTEE MEETING

Monday, February 8, 2021 at 5:30 P.M.
7236 Mayflower Park Drive, Zionsville, IN 46077

AGENDA

1. Public Comment
2. Dedications
3. #2101 Little Eagle Creek Interceptor Extension
4. #2103 Long Brook, Bridlewood & Countrywood Sewer Extension
5. Capital Project Updates
6. Other Business

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



MEMORANDUM

To: Capital and Construction Committee

From: Wes Merkle

Date: February 3, 2021

Subject: Dedications

Carmel Medical Arts Pavilion sanitary sewers are complete and ready for dedication. Staff is recommending acceptance of these sewers.

Recommended Action: Accept the dedication of Carmel Medical Arts Pavilion sanitary sewers.



MEMORANDUM

To: Capital and Construction Committee

From: Wes Merkle

Date: February 3, 2021

Subject: #2101 Little Eagle Creek Interceptor Extension

Staff plans to move through design and construction simultaneously with proposed development to be served by the sewer extension. Development is moving forward with design so we need to do the same to provide service in a timely fashion.

Staff issued a Request for Proposals to six firms. Four firms submitted proposals, three of which have successfully completed sewer design projects with TriCo previously. Staff reviewed their responses and recommends GRW Engineers to complete the work, which includes engineering design, permitting, easement acquisition, bidding and construction administration services.

Recommended Action: Approve the professional services agreement with GRW Engineers in an amount not to exceed \$116,375.



MEMORANDUM

To: Capital and Construction Committee

From: Wes Merkle

Date: February 3, 2021

Subject: #2103 Long Brook, Bridlewood & Countrywood Sewer Extension

Currently there are 4 unsewered neighborhoods with 89 homes in TriCo's service area. The capital budget includes \$300,000 in 2021 for neighborhood sewer extension projects, with additional money thereafter, to make service available to all neighborhoods and estate lots in our service area. Staff prioritizes neighborhoods based on interest in connecting and failed or failing septic systems. The subject project does not include Lacoma Estates near 96th Street and Spring Mill Road, where there has been no interest from homeowners and an affiliate of St. Vincent Hospital acquired the majority of the homes, suggesting that future development is likely and would make a low pressure sewer unneeded.

The next step in this project is to proceed with design, permitting and bidding. GRW Engineers, who completed the last five of neighborhood low pressure sewer design projects, has proposed a fee of \$59,150, which is in line with past projects based on a similar scope of work.

Recommended Action: Proceed with engineering services for extending sewers to Long Brook, Bridlewood, and Countrywood and approve the professional services agreement with GRW in an amount not to exceed \$59,150.



MEMORANDUM

To: Capital and Construction Committee

From: Wes Merkle

Date: February 3, 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)

Lift station startup is complete. Crews will soon connect the lift station to the existing sewer on Whitley, demolish the private lift station nearby, and continue gravity sewer installation towards Haver Way. Completion is due in May.

2. #1902 – TriCo WRRF Expansion

Crews began removing and replacing protective channel liner systems in the pretreatment building. New screens and grit washers were assembled and set into place. The first wall pour on the grit structure was completed. At the VLRs crews continued concrete finishing work, began equipment and bridge structure assembly, installed gates, and began hydrostatic testing. Equipment installation and yard piping continued at the new clarifiers and mixed liquor splitter structure. Concrete block wall construction as well as roof framing was completed for the new RAS-WAS pump building. Process piping installation was started in the basement. Crews started running conduit at multiple locations and began pulling wire for the main switch board, portable generator docking station, automatic transfer switch, and motor control centers. UV structure work was started.

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

Crews installed the effluent splitter structure at the plant. Installation of yard piping and connection to existing infrastructure was substantially complicated by the overhead canopy structure, where multiple columns had to be temporarily supported so that work could proceed safely. Sewer work was completed between the plant and Bennett Parkway and west of Lift Station 11 along Old 106th Street. One crew remains on site installing the last run of sewer between the lift station and Bennett Parkway, which should be complete in the coming weeks.

4. #1910 – Office Unification

The majority of punch list work is complete. RJE completed most furniture modifications requested by staff. Several items remaining for contractors and furnishings will be complete in the coming weeks. Staff is working on solutions for acoustics in the open office, lobby, and training/board room, as well as interior décor.

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

Installation of pumps, piping, and electrical equipment is anticipated in the coming weeks.

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 shortly. Equipment delivery is anticipated this spring and will be installed at that time.

7. #2004 – Lift Station 1 Repairs

New generator delivery is expected in the next few weeks. Crews began work on site to remove existing equipment, install new conduit and construct a reinforced concrete foundation for the new generator.

8. #2101 – Little Eagle Creek Interceptor Extension

Staff received and evaluated proposals from engineering firms for design services. Design is expected to begin this month following Board approval. Bidding and construction will progress simultaneously with proposed development to be served by the sewer extension.

9. #2102 – Lift Station 16 Reconstruction

Staff plans to issue a request for proposals to engineering firms for design services when development at Michigan Road and Sycamore Street moving forward, anticipated in the next few months.

10. #2103 – Long Brook, Bridlewood & Countrywood Sewer Extension

Staff met with GRW to discuss scope. A proposal for design services was received. This will be the final neighborhood sewer project. Design is expected to begin this month following Board approval, with bidding late spring and construction complete by early fall.