



TriCo Regional Sewer Utility

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CAPITAL & CONSTRUCTION COMMITTEE MEETING

Monday, March 4, 2019 at 4:30 P.M.
10701 N. College Ave, Suite A, Indianapolis, IN 46280

AGENDA

1. Public Comment
2. #1901 Lift Station 14 (Austin Oaks) Parallel Force Main Easements
3. #2001 Little Eagle Creek Interceptor Extension
4. #1802 Haver Way Sewer Improvements
5. #1908 Neighborhood Sewer Extension Project
6. Other Business
7. Capital Project Updates

Next Scheduled Meeting: Monday, April 1, 2019 at 4:30 pm



MEMORANDUM

To: Board of Trustees

From: Wes Merkle

Date: February 27, 2019

**Subject: #1901 Lift Station 14 Parallel Force
Main - Easements**

The Utility needs easements from 6 property owners to proceed with this project. To date one easement has been acquired and one easement is proceeding to condemnation because the property owner has been non-responsive.

Staff has been communicating with the remaining four property owners since July 2018. On February 11, the Board directed staff to issue statutory offers to the four remaining property owners. Offers were mailed on February 14 and property owners have 30 days to respond. Staff has received no response from Roberson since the letters went out. Staff has been in contact with McClain, Ridolfo, and Shan-Wang; however, an agreement to acquire easements has not been reached.

Lift Station 14 (Austin Oaks) is nearing capacity. This project is needed to expand the lift station's capacity, allowing us to continue reliably serving new customers in Zionsville and northwest Carmel.

Recommended Action: Recommend legal counsel proceed with condemnation of easements if agreements cannot be reached with property owners.



MEMORANDUM

To: C&C Committee

From: Wes Merkle

Date: February 27, 2019

Subject: #2001 Little Eagle Creek Interceptor Extension

At our February 4 meeting, the C&C Committee discussed extending the Little Eagle Creek Interceptor northward into old Union Township. This project is required to make sanitary sewer service available to approximately 600 acres in the northwest corner of our existing service area. This project has been a part of TriCo's master plan since these parcels were added to our service area many years ago. It is scheduled for construction in 2020 pending sewer service interest from property owners and developers.

Staff has received multiple requests for sewer service from several property owners and developers. Parties were previously told that TriCo is willing to extend sewers along County Road 1200 East; however, it will be their responsibility to extend sewers westward and acquire easements on their own. An alternative sewer alignment follows a creek but cuts across the back of several properties. This alternative will be much less deep and cost approximately \$400,000 less than the County Road 1200 East route. It has become apparent to staff that regardless of which alternative is selected, one or more easements may need to be condemned in order to extend sewer service to this area.

If the C&C Committee and the Board are willing to condemn easements for this project, then staff recommends proceeding with design of the less expensive alternative sewer alignment following the creek, making sewer service available to approximately 600 acres in the northwest corner of our existing service area. Staff will proceed with the work once appropriate commitments are made from property owners and developers, such that TriCo is not carrying all the risk of extending sewers.



MEMORANDUM

To: C&C Committee

From: Wes Merkle

Date: February 27, 2019

**Subject: #1802 Haver Way Sewer
Improvements**

Staff issued a Request for Proposals to three firms familiar with the project and TriCo lift station design standards to provide consulting services for the subject project. Staff reviewed their responses and recommends MS Consultants Inc. to complete the work, which includes engineering design, permitting, easement acquisition, bidding and construction administration services.

Recommended Action: Approve the professional services agreement with MS Consultants Inc. in an amount not to exceed \$66,600.



MEMORANDUM

To: C&C Committee

From: Wes Merkle

Date: February 27, 2019

Subject: #1908 Neighborhood Sewer Extension Project

Currently there are 13 unsewered neighborhoods with over 300 homes in TriCo's service area. The capital budget includes \$300,000 annually through 2023 for neighborhood sewer extension projects, with a goal of making service available to all neighborhoods. Staff prioritizes neighborhoods based on interest in connecting and failed or failing septic systems.

Last fall staff sent interest letters to homeowners in remaining unsewered neighborhoods. At its February 4 meeting, the C&C Committee discussed a project extending sewers to Larkspur, Oak Tree, and Crossfields neighborhoods, based on strong interest and failing septic systems. Follow-up interest letters were mailed to homeowners who did not respond to the previous letter. Based on responses received to date, staff recommends adding Brandywine to this year's project. Project costs are expected to be below \$300,000 budgeted.

The next step in this project is to proceed with design, permitting and bidding of the project. GRW Engineers, who has completed the last couple of neighborhood low pressure sewer design projects, has proposed a fee of \$48,510, which is in line with past projects based on a similar scope of work.

Recommended Action: Proceed with engineering services for extending sewers to Larkspur, Oak Tree, Crossfields, and Bradywine neighborhoods and approve the professional services agreement with GRW in an amount not to exceed \$48,510.



MEMORANDUM

To: C&C Committee

From: Wes Merkle

Date: February 27, 2019

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. #1702 – Keystone/96th Sewer & Force Main Relocation

No change since last month. Remaining relocation work includes laying a new force main across Keystone Parkway at the intersection, which will be completed when the intersection is closed for bridge construction, anticipated late spring.

2. #1705 – 99th Street Interceptor & Lift Station 6 Elimination (located between Keystone and Westfield/Rangeline Road)

No change since last month. An engineering firm was selected to provide design services back in 2017. The project is still on hold. Design work will begin when design of the residential development project west of Haverstick Road proceeds.

3. #1802 – Haver Way Sewer Improvements (located southwest of Keystone and 96th Street)

Staff is recommending engineering firm to prepare plans and specifications for a new lift station, force main and gravity sewers serving businesses on Haver Way. Design will be complete in 2019 with construction anticipated in late 2019 and 2020.

4. #1901 – Lift Station 14 Parallel Force Main (located along Michigan Road from Austin Oaks to Ansley Park)

Staff continues to work with property owners to acquire easements needed for this project. The project will be bid once remaining easements are acquired, anticipated this spring, with construction to follow. Construction will last 6 months.

5. #1902 – TriCo WRRF Expansion

GRW completed their analysis of major equipment options and presented recommendations to staff. Additional analysis remains on several processes.

Design work is expected to be completed on schedule. Multiple savings opportunities were identified and construction cost estimates are lower than previously estimated.

6. #1905 – Lift Station 16 Reconstruction (located at Michigan Road and Sycamore Street)

No change since last month. An engineering firm was selected to provide design services back in 2015. The project is still on hold. Design work will begin when design of The Farm development project proceeds.

7. #1906 – Eagle Creek Outfall Sewer Expansion (located between TriCo WRRF and Eagle Creek to the west)

No change since last month. Staff continues to work with property owners to acquire easements as well as accommodate existing Duke power infrastructure. Staff desires to finish design, permitting, bidding and construction by the end of 2019. Given the unique challenges presented on this project, completion of construction may have to be pushed into early 2020.

8. #1907 – Lift Station 2 Odor Control System Replacement (located at 106th Street and Spring Mill Road)

Staff is discussing odor control equipment options with prospective vendors. Installation is anticipated by the end of 2019.

9. #1908 – Crossfields, Larkspur, Oak Tree & Brandywine

Staff assigned a new project number for this year's neighborhood sewer project. Staff negotiated engineering costs with GRW who has done low pressure sewer design for TriCo the last couple of years. Design, bidding and construction should be completed in 2019.

10. #1909 – Admin Office Improvements

Staff assigned a new project number for this project. Architect CSO is finishing plans, specifications and bid documents. Bids will be received next month.