



Central Wimberley Wastewater Project - Status Update

February 21, 2020

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Construction

Lift Station (RR12 @ FM 3237)

Based on the proposed force main route and TxDOT's approval of the bridge connection concept, significant changes to the lift station design are not expected.

Collection Lines

While the weather this week (week of February 17) caused Capital to delay mobilization, they will be moving in the necessary equipment next week (week of February 24). The updated schedule for the installation of the collection systems gravity lines is as follows:

- Line I (Oldham and Ranch Road 12): February 24 – March 24
- FM 3237: March 24 – April 24

While the weather this week (week of February 17) caused Capital to delay mobilization, they will be moving in the necessary equipment next week (week of February 24). Lines will be installed starting about fifty (50) feet from our lift station at Ranch Road 12 and FM 3237 connecting to the line we have already installed on Rio Bonito. Following this, the lines on Ranch Road 12 will be installed (at night) then the lines on FM 3237 (during the day). We will be coordinating with all necessary property owners and we will make sure to provide traffic updates on our website and social media accounts.

Force Main Lines

The properties on Blue Hole Lane and the Deer Creek lift station will join into a force main line which will run down Blue Hole Lane to Old Kyle where it will connect to the gravity line on Old Kyle through a manhole. Installation of these line will begin once the gravity lines have been installed (April/May 2020).

Design of the remaining force main lines have been incorporated into the design contract with Plummer Associates, Inc, which was approved at Council's February 20 Regular Meeting. Design of the line south of Cypress Creek will be completed while the necessary surveying information is completed north of the creek

Texas Water Development Board (TWDB)

Coordination

The TWDB has been updated on our project status. Additionally, we provided them with a copy of the Collection System Map. We are working with them on any necessary coordination for additions to the project not previously reviewed.

TxDOT

Connection to Cypress Creek Bridge

Having received confirmation from TxDOT that the proposed methods for attaching the force main line to the Cypress Creek Bridge are acceptable, Plummer has included the design of the attachment in their

design proposal. The City has requested the engineered plans for the bridge, which will aid in the design of the connection.

Ranch Road 12 (Force Main)

While we know the line will be installed via directional drilling, and that the work will be done during the day, but will not require road closures, Wimberley's utilization TxDOT Right-of-Way (ROW) will require engineered plans be developed for TxDOT's review. Coordination with other utilities in the area will also be required. Plummer Associates, Inc. is scheduling their surveyors to begin coordination with these other utility providers.

The force main route being designed will carry the wastewater from our lift station up Ranch Road 12 to Blue Heron. The line will then run up Oak Drive to the Wimberley Square then to the Cypress Creek Bridge. From the bridge, the line will proceed along Ranch Road 12 to the HEB/Emergency Lane Lift Station. This route, identified in red on the attached "Collection System Map", is along public right-of-way (ROW) and will not require any additional easements.

Contract

Wastewater Treatment Contract (Aqua Texas)

The City Attorney is currently reviewing a draft of the agreement which is expected to be ready for Council consideration in February/March.

Design Contract

Council approved Amendment #6 to the original design contract with Plummer Associates, Inc. at their Regular Meeting last night (February 20). This amendment will complete the design of the force main line from the City's lift station at Ranch Road 12 & FM 3237 to Aqua's HEB/Emergency Lane Lift Station. Design is expected to take six (6) weeks to complete. Once complete we will be able to requests bids for construction.

Construction of the force main from the City's lift station to the Cypress Creek Bridge is expected to be completed by Capital Excavation, under our current contract. However, a change order may be required. Plummer will start the design of this section first. Concurrently, they will have their surveyor out to gather information needed for the portion north of the creek.

Communication

Property/Business Owners

Any property or business owners who would like to meet with the City, please reach out to me at scox@cityofwimberley.com. I am happy to provide an update on the status of the project.

As we did previously, the City and Capital Excavation will work with each property owner to determine the best location for their connection to the system. Additionally, we will coordinate any work in the Square and along Ranch Road 12 with the merchants to mitigate any impact to business.

Town Hall

A video of the Town Hall meeting held on January 30 can be found [here](#). Additionally, the slides from the presentation have been posted to the City's homepage, which can be found [here](#).

Other Items

Sewer Utility Rates

Building from the previous rate studies the City has undertaken, and utilizing the developed models and schedules, a new rate model is being developed internally. The model will make sure the rate schedule adopted is enough to cover the cost of operating the utility system (maintenance/administration costs/etc.), payment of debt, capital improvements (major repairs/improvements). A draft is anticipated to be ready for Council discussion in late February or early March.

Impact Fees

The City started the development of its impact fees in 2016 with the selection of HDR to assist in the assessment and establishment of the fees. While this was to be completed in January 2017, no committee was established, and no fees were evaluated or adopted.

Based on the utilization of Aqua Texas to treat the wastewater produced, I am working with our City Engineer/Project manager and Plummer Engineering to determine if there is still a need to establish these fees.

Utility Billing

Currently the City's Financial Clerk sends out the utility bills for the City. There are only two (2) customers being billed. We are reviewing our current finance software and the modules it can accommodate to see if there is a solution for expanding our billing needs. We, along with the Wastewater Ad Hoc Advisory Committee have also looked at how this could be accomplished with the programs we have now. Options for Council consideration are anticipated to be reviewed in March or early April.

Schedule

Construction		
<u>Component</u>	<u>Start</u>	<u>Completion</u>
Collection Lines (CO#4)	February 2020	July 17, 2020
- Gravity Lines (RR12)	February 2020	March 2020
- Gravity Lines (FM 3237)	March 2020	April 2020
- Force Main (Deer Creek/Blue Hole)	April/May 2020	TBD
- Lift Station	TBD	5 Months from Start
Collection Lines (Aqua Connection)	TBD	TBD
- Design Force Main	February 21, 2020	April 3, 2020
- Connection to Cypress Creek Bridge	TBD	TBD
- Force Main (RR12-Directional Drill)	TBD	TBD
- Tie in to HEB Lift Station	TBD	TBD
Contract		
Negotiate Aqua Contract	August 2018	February 2020

Other		
Update Sewer Utility Rates	January 2020	February/March 2020
Impact Fees	TBD	TBD
Utility Billing	January 2020	March/April 2020

Attachment(s)

- Collection System Map

