



Central Wimberley Wastewater Project - Status Update

April 3, 2020

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Construction

Lift Station (RR12 @ FM 3237)

Capital has submitted the lift station wet well order to its subcontractor, and it is currently in the process of being built off site. Once constructed, the wet well will then be delivered for installation at the intersection of Ranch Road 12 and FM 3237. Total time to have the lift station operational is four to five months. The lift station is anticipated to be operational in August 2020.

Collection Lines

The trencher being utilized by Capital Excavation for installation of the gravity lines near the lift station is in need of repair. These repairs are expected to be completed within ten (10) days. Starting next week (week of April 6) Capital will begin installation of the force main line in the square. Once completed, they will finish the installation of the gravity line near the lift station before starting along FM 3237.

Originally, the work along FM 3237 was expected to be done at night. With a reduction in traffic flow, due to COVID-19, Capital is discussing with TxDOT the ability to complete this installation during the day.

Once the gravity line along FM 3237 has been completed, Capital will then begin work on gravity line along Oldham and Ranch Road 12.

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 lines will begin once the gravity lines have been installed (April/May 2020). Capital Excavation and Blue Hole Park staff have walked this route and are coordinating on construction.

The design for the portion of force main running south of Cypress Creek has been completed and submitted to TxDOT for review (March 25). The portion north of Cypress Creek is expected to be completed within the next three (2) weeks.

As mentioned above, Capital will begin the installation of the force main line running through the Square next week (week of April 6). The line being installed will run from the entrance to the Square (near Ranch Road 12), down Wimberley Sq. and around Kiss the Cook to Henson. The portion of force main along Henson will be installed at a later date. The installation in the Square is expected to be completed in one (1) week, weather permitting. This portion of the project is identified in red on the attached "Collection System Map"

Texas Water Development Board (TWDB)

Coordination

The plans for the portion of the project not previously reviewed will be provided to the TWDB once completed. This is anticipated to be done within the next two (2) weeks (April 20). The TWDB has been updated on our project status, and the amended Plummer Associates contract includes this coordination.

TxDOT

Review of Force Main Plans (South of Cypress Creek)

Plans for the portion of force main running along Ranch Road 12 were provided to TxDOT for review on March 25. We are following up with Mr. Reed Smith for an ETA on the review.

Review of Plans North of Cypress Creek (Force Main & Connection to Bridge)

Plummer Associates is currently designing the force main and connection to the Cypress Creek Bridge. These plans are anticipated to be completed within the next two (2) week for submittal to TxDOT for review.

Contract(s)

Wastewater Treatment Contract (Aqua Texas)

Aqua's local attorney has reviewed the contract and provided comments to the City Attorney. These comments were provided yesterday (April 2). Additionally, the City has provided Aqua with a draft "Wimberley Utility Service Application/Agreement". In this application we will notify our utility customers of the standards and guidelines they must follow for the City to collect and treat their wastewater. The standards can be found in Chapter 12, Division 4 of the City's Code of Ordinances, and can be viewed [here](#).

Design Contract

Plummer has completed the force main design for the portion south of Cypress Creek. Those plans have been provided to TxDOT for review. Plummer is also working on the Cypress Creek Bridge connection. They are putting their anticipated schedule together for when those plans are expected to be submitted for review.

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 has started the design of this section first. Concurrently, they have their surveyor out gathering the information needed for the portion north of the creek.

Communication

Frequently Asked Questions (FAQ's)

An updated list of frequently asked questions and answers is being put together. Previous lists focused on the construction of the plan and discharge. What we want to provide with this updated list are answers to the question our customers may have. Some we received already relate to rates, connection points, timing, etc. If there are specific questions you have please send them to me at scox@cityofwimberley.com so we can included them.

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. Historically, this involved going door to door to contact the resident or property owner. We will also utilize written notices to contact those we are unable to meet face to face. This will involve a notice at the property (typically on the front door) which will provide a time frame for construction and contact information for the contractors and City. If you think we may miss anyone, please have them contact me at scox@cityofwimberley.com. We will make sure they are included in the project's coordination.

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 telephonic Council Workshop is being scheduled for April to discuss the rates and assumptions utilized.

Impact Fees

An "Impact Fee," per the Texas Local Government Code (Chapter 395.001(4)) is a "charge or assessment imposed by a political subdivision against new development in order to generate revenue for funding or recouping the costs of capital improvements or facility expansions necessitated by and attributable to the new development." This is a fee imposed to recover costs related to expanding a utility system in order to accommodate the new development(s).

The City, when it adopted its most current wastewater utility rates in 2017, included a "Capital Recovery Fee" of \$2,500 per each Living Unit Equivalent (LUE). A "Capital Recovery Fee" such as the one implemented by the City, is a fee assessed to recover costs a utility provider has fronted in order to install a utility system. The current fee established by the City only applies to customers initially connecting at the time the system is operational. It does not apply to customers already connected to the system (Deer Creek & Blue Hole) or new development starting after the system comes online. This is different than the "Impact Fee" defined above.

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 impact fees.

Utility Billing

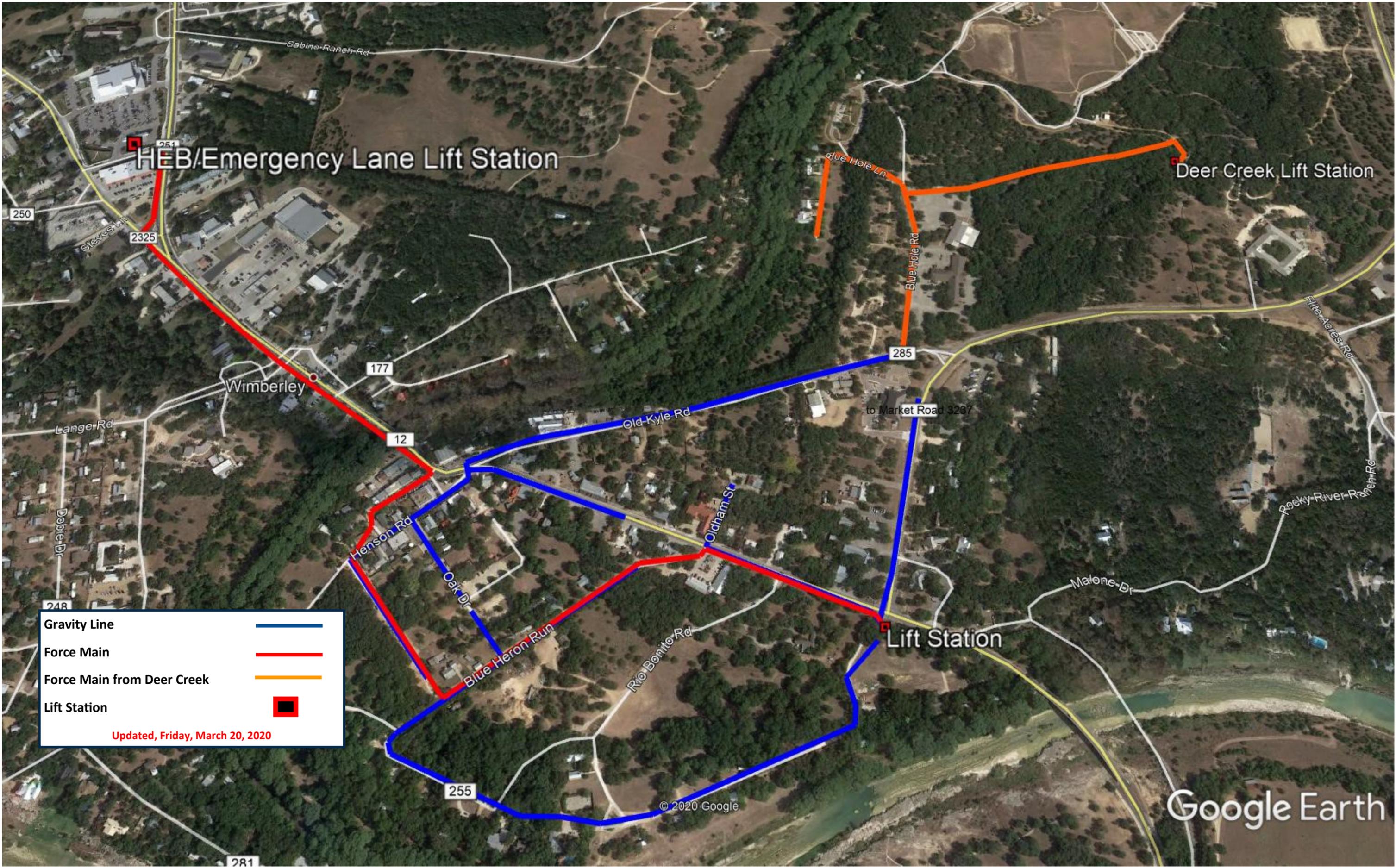
Currently the City's Financial Clerk sends out the utility bills for the City. There are only two (2) customers being billed. We are reviewing our current finance software and the modules it can accommodate to see if there is a solution for expanding our billing needs. We, along with the Wastewater Ad 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 at a Council Workshop in April (date is TBD).

Schedule

Construction		
Component	Start	Completion
Collection Lines (CO#4)	February 2020	August 2020
- Gravity Lines (RR12)	April 2020	May 2020
- Gravity Lines (FM 3237)	March 2020	April 2020
- Force Main (Deer Creek/Blue Hole)	April/May 2020	TBD
- Lift Station	April 2020	August 2020
Collection Lines (Aqua Connection)	TBD	TBD
- Design Force Main	February 21, 2020	April 2020
- Connection to Cypress Creek Bridge	Pending Review from TxDOT	2-3 Weeks from Approval
- Force Main (RR12-Directional Drill)	Pending Review from TxDOT	2-3 Months from Awarded Contract
- Tie in to HEB Lift Station	Currently Being Designed	TBD
Contract		
Negotiate Aqua Contract	August 2018	April 2020
Other		
Update Sewer Utility Rates	January 2020	April 2020
Impact Fees	TBD	TBD
Utility Billing	January 2020	April 2020

Attachment(s)

- Collection System Map



HEB/Emergency Lane Lift Station

Deer Creek Lift Station

Lift Station

Gravity Line	
Force Main	
Force Main from Deer Creek	
Lift Station	

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