



# Central Wimberley Wastewater Project - Status Update

June 19, 2020

Prepared By: Shawn Cox, City Administrator

## Construction

### **Lift Station (RR12 @ FM 3237)**

Work on the lift station shaft is expected to begin next week (week of June 22). Due to weather in May, work on the lift station is expected to be completed in September.

### **Collection Lines**

Capital Excavation is currently installing lines on FM 3237. This work is expected to be completed within 2-3 weeks. This work is being done at night. Southbound travelers will still be allowed to use Ranch Road 12; however, northbound travelers will be diverted to Old Kyle Road. Work on Oldham is expected to be in early July. These lines will be installed during the day.

### **Force Main Lines**

Construction in Blue Hole Park will be postponed until August to comply with U.S. Fish and Wildlife guidelines. This change in schedule will keep construction from taking place during Golden Cheeked Warbler nesting season. Installation of the force main line along Ranch Road 12, from Blue Heron to the lift station at FM 3237, will be completed in conjunction with the gravity lines being installed.

## Texas Water Development Board (TWDB)

### **Coordination**

The TWDB has been provided a copy of the signed agreement with Aqua Texas. Our Bond Counsel will be working with them to schedule closing of the Refunding Bonds approved by Council on August 15, 2019. The closing of the bonds was deferred until both parties (City and Aqua) had an approved agreement.

Plummer and the City have been coordinating with the TWDB on the environmental review. We are working to provide Mr. Miller with the TWDB all the necessary documentation. According to Ms. Miller, "This is the type of project modification that appears to qualify for a Statement of Findings to amend the existing Finding of No Significant Impact dated August 6, 2014."

As required, we have provided the Texas Historical Commission (THC) and the Texas Parks and Wildlife Department (TPWD) all necessary coordination documents and are waiting on their comments. This is the same coordination the City conducted in the past.

## TxDOT

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

Plans for the connection to the Cypress Creek Bridge and the force main line running north on Ranch Road 12 were resubmitted today (June 19) for review by TxDOT.

## Contract(s)

### **Construction Contract**

The section of force main being installed north of Cypress Creek will need to be sent out for bid. The City will be working with a Contract Attorney to review the draft language.

## Communication

### **Property/Business Owners**

*Response to the letter mail out on June 12 has been positive, and many of the question have centered on rates and connection requirements.* In conjunction with the letter, the City has created a utilities webpage ([www.cityofwimberley.com/utilities](http://www.cityofwimberley.com/utilities)). A copy of the letter will also be emailed to the businesses in our service area using the addresses we have been able to compile from the chamber and merchants.

Any property or business owners who would like to meet with the City, please reach out to me at [scox@cityofwimberley.com](mailto: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](mailto:scox@cityofwimberley.com). We will make sure they are included in the project's coordination.

## Other Items

### **Sewer Utility Rates**

On Tuesday, May 29, Council held a workshop to discuss sewer rates. A copy of the rate presentation can be found [here](#). The rates shown in the presentation have not been adopted. Additional rate scenarios and comparisons were discussed on Tuesday, June 9. That presentation can be found [here](#).

### **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.

**Schedule**

An updated schedule chart has been put together by our Project Manager at Gilpin Engineering. Included in the chart is the construction schedule provided by Capital Excavation and the design/review schedule from Plummer Associates.

<b>Construction</b>		
<b>Component</b>	<b>Start</b>	<b>Completion</b>
<b>Collection Lines (CO#4)</b>	<b>February 2020</b>	<b>August 2020</b>
- Gravity Lines (RR12)	May 2020	Completed June 2020
- Gravity Lines (FM 3237)	June 2020	July 2020
- Force Main (Deer Creek/Blue Hole)	May 2020	September 2020
- Lift Station	April 2020	August 2020
<b>Collection Lines (Aqua Connection)</b>	<b>July 2020</b>	<b>October 2020</b>
- Design Force Main	February 21, 2020	June 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	October 2020
<b>Contract</b>		
<b>Negotiate Aqua Contract</b>	<b>August 2018</b>	<b>Completed April 2020</b>
<b>Other</b>		
<b>Update Sewer Utility Rates</b>	<b>January 2020</b>	<b>April 2020</b>
<b>Impact Fees</b>	<b>TBD</b>	<b>TBD</b>
<b>Utility Billing</b>	<b>January 2020</b>	<b>June 2020</b>

**Attachment(s)**

- Inspector’s Report
- Collection System Map
- Wastewater Collection System Schedule

# CONSTRUCTION OBSERVATION REPORT

**Project: City of Wimberley Wastewater Collection System**

**Contractor: Capital Excavation Company**

Date: Sunday June 07, 2020 – On Site 9:00 pm to 1:30 am

Date: Monday June 08, 2020 – On Site 10:00 pm to 11:30 pm

Date: Tuesday June 09, 2020 – On Site 10:30 pm to 2:00 am

Date: Wednesday June 10, 2020 – On Site 8:00 pm to 11:30 pm

Date: Thursday June 11, 2020 – On Site 7:00 pm to 12:30 am

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## WEATHER OBSERVED:

- Sun 6-07-20 Thru Fri 6-12-20 Clear – 70 -93 deg

## SUMMARY OF CONSTRUCTION ACTIVITY OBSERVED

- Contractor installed a concrete apron around MH I3, MH I2, MH I1, & MH IA
- Contractor completed the installation of the Line J across FM12.
- Contractor installed the force main along FM12 between the proposed lift station and the recently installed force main on Blue Heron RD.

## TESTING OBSERVED:

- Density tests were performed on the backfill for line Force Main between the proposed lift station and Blue Heron Rd. at Sta. 3+00, 5+00, & 7+00. - Passed

## MAJOR EQUIPMENT/MATERIALS DELIVERED:

- None

## PROBLEMS/ISSUES/DELAYS:

- The area around the proposed lift station has remained wet due to heavy rain at the end of May. The water has not caused significant delays yet but, it may if it does not begin to dry up soon. The area does appear to have dried up somewhat this week.

## OTHER REMARKS:

- SEE PHOTO LOG ATTACHED.
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Observation Report By: Casey Gilpin, Inspector

## Distribution:

1. Shawn Cox – City Administrator
2. Joe Chesney – Capital Excavation
3. Joe Mayfield – Capital Excavation
4. Steve Coonan - Plummer
5. Erin Wiesehan - Plummer

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: June 07, thru June 12, 2020



Contractor trenching for the connection of the force main at the intersection of Blue Heron Rd. and RR12.



Contractor installing the 3in pvc force main beside RR12



Contractor installing an elbow for gravity line I



Contractor installing line between the lift station and MH IA.

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: June 07, thru June 12, 2020



Contractor locating water and electrical lines using hydro jet/vacuum excavator



Electrical and water lines had to be located before trenching across RR12 for Line A



MH I1 prepared for concrete apron.



Reinforcement and forms placed as concrete apron is poured in place.

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: June 07, thru June 12, 2020



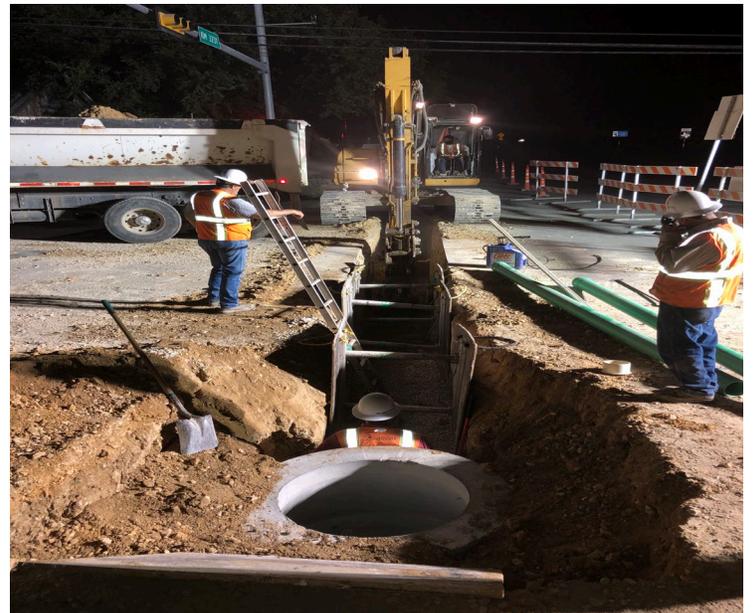
Contractor pouring concrete for MH I1 apron



Contractor pouring concrete for MH IB apron



MH I1 concrete apron set to grade.



Contractor Excavating trench across RR 12 for Gravity Line A

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: June 07, thru June 12, 2020



Contractor Excavating trench across FM 12 for Gravity Line J



Pressure testing a section of the force main between the proposed lift station and Blue Heron Rd.



The force main was pressurized to 200 psi for 2 hours.



The for force did not lose any pressure during the time it was tested.

**Project No.: 1732-002-01**

**Project: Central Wimberly Wastewater Project**

**Date: June 07, thru June 12, 2020**



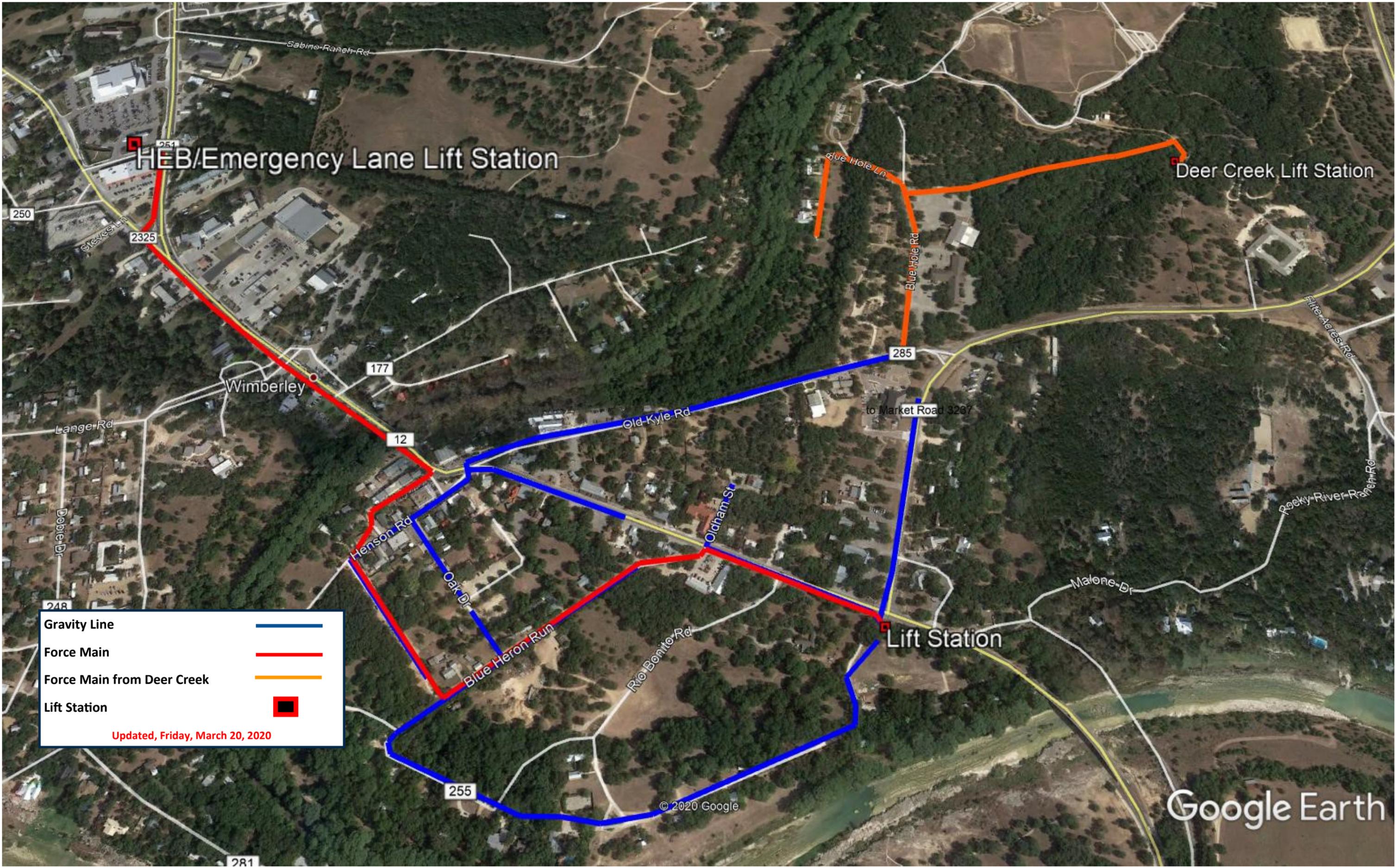
**The contractor was able to complete the trench across RR12 and install the gravity line**



**Future Location of the lift station near the intersection of RR12 and FM 3237**



**The amount of water seeping back into the hole each day has decreased, but it has not stopped completely. (12 to 18in of water per day)**



Gravity Line	
Force Main	
Force Main from Deer Creek	
Lift Station	

Updated, Friday, March 20, 2020

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# WASTEWATER COLLECTION SYSTEM SCHEDULE

