



Central Wimberley Wastewater Project - Status Update

June 26, 2020

Prepared By: Shawn Cox, City Administrator

Construction

Lift Station (RR12 @ FM 3237)

The driller for the lift station shaft is expected to be delivered on Monday (June 29). The first component of the lift station at the intersection of Ranch Road 12 and FM 3237 will be delivered next Tuesday or Wednesday (June 30 or July 1). Due to weather in May, work on the lift station is expected to be completed in September.

Collection Lines

Capital Excavation completed the installation of gravity line on one side of FM 3237 (inbound lane). Capital will cross FM 3237 and begin work on the other side next week (week of June 29). 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 begin 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.

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."

The Texas Historical Commission has requested that an archaeological survey be conducted on the north side of Cypress Creek (extending approximately 300 feet from the edge of the bridge). Plummer Associates is working with the Commission representative. They are willing to review the previous projects that would have disturbed the area in question (expansion of Ranch Road 12 and the Cypress Creek Bridge in 2005). We are hopeful this will alleviate any concerns and we will not have to do a survey.

TxDOT

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

TxDOT has approved the plans for crossing the Cypress Creek Bridge. They are continuing to review the plans north of the Creek. Plummer is working on an updated ETA.

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). 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. 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.

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.

Construction		
Component	Start	Completion
Collection Lines (CO#4)	February 2020	August 2020
- 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
Collection Lines (Aqua Connection)	July 2020	October 2020
- 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
Contract		
Negotiate Aqua Contract	August 2018	Completed April 2020
Other		
Update Sewer Utility Rates	January 2020	April 2020
Impact Fees	TBD	TBD
Utility Billing	January 2020	June 2020

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 14, 2020 – On Site 10:00 pm to 1:30 am

Date: Monday June 15, 2020 – On Site 11:00 pm to 2:30 am

Date: Tuesday June 16, 2020 – On Site 10:30 pm to 2:30 am

Date: Wednesday June 17, 2020 – On Site 10:30 pm to 2:30 pm

Date: Thursday June 18, 2020 – On Site 10:00 pm to 1:30 am

WEATHER OBSERVED:

- Sun 6-14-20 Thru Fri 6-18-20 Clear – 70 -85 deg

SUMMARY OF CONSTRUCTION ACTIVITY OBSERVED

- Contractor completed trenching for Line J1 alongside FM3237
- Contractor completed the installation of the Line J up Sta 5+50 (6” Gravity Line)
- Contractor installed MH J1

TESTING OBSERVED:

- No testing done this week.

MAJOR EQUIPMENT/MATERIALS DELIVERED:

- None

PROBLEMS/ISSUES/DELAYS:

- The contractor has backfilled the area around the site of the proposed of the lift station. On the surface the area does appear to be dry.

OTHER REMARKS:

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

Distribution:

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

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: June 14, thru June 19, 2020



Contractor excavating for 6" gravity Line J alongside FM 3237.



Contractor excavating for 6" gravity Line J alongside FM 3237.



Service connection at Sta. 1+47 on line J.



Service connection in Line J1 - 6" line with 4" tee.

Project No.: 1732-002-01

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Line J bedded and covered with crushed stone and locate tape before being backfilled.



Line J with service connection at Sta. 1+89



Trencher cutting through rock while trenching for line J.



The trencher was to cut all of Gravity J.

Project No.: 1732-002-01

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Contractor breaking rock with a Jackhammer to create a hole to place MH J1.



Contractor breaking at MH J1. The 12" pvc line on the right is a temporary drainage line placed by the contractor.



Safety shoring used while installing each Manhole.



MH J1 installed on crushed stone bedding.

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Contractor backfilling around MH J1.



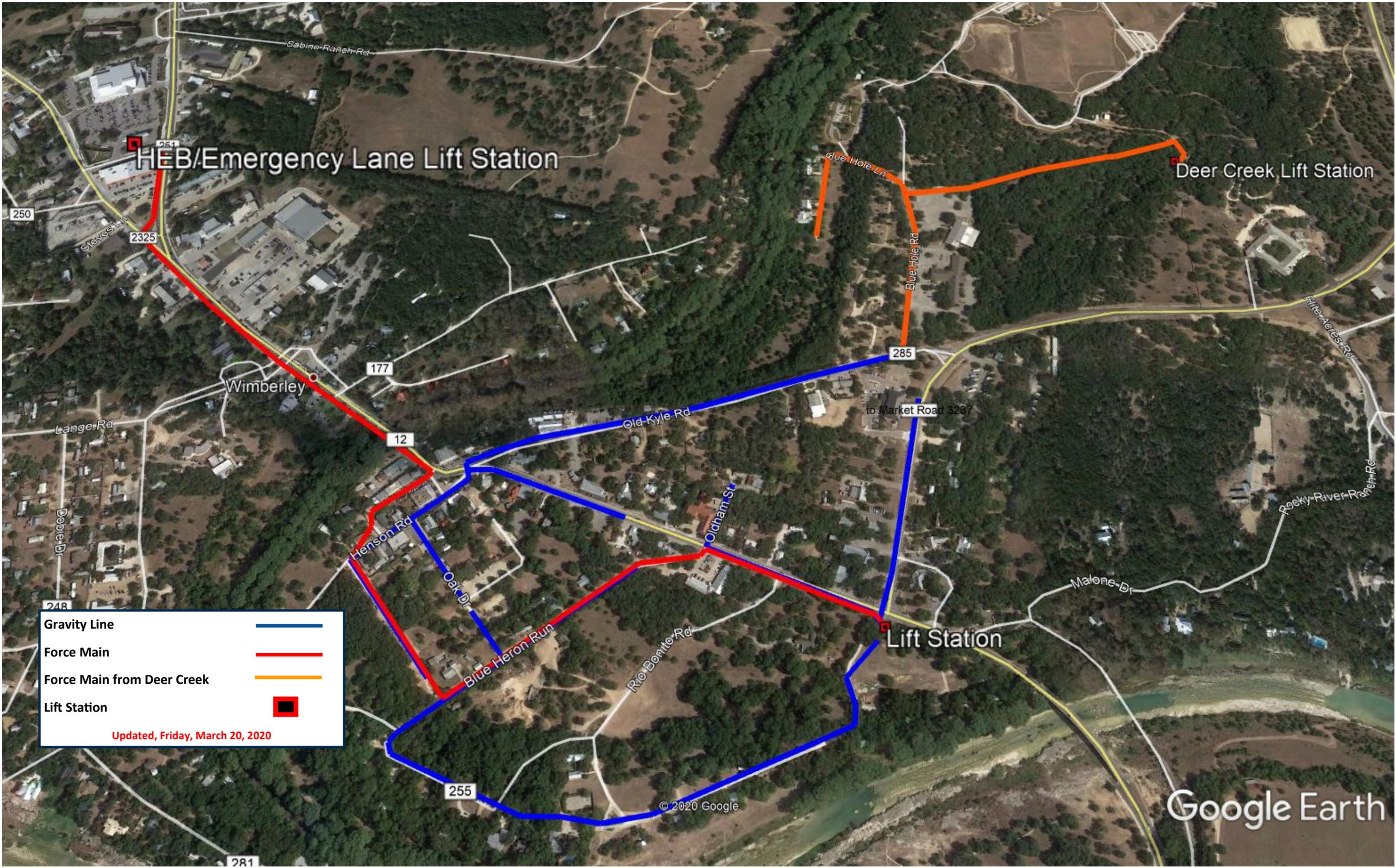
MH J1. - The 12" pvc line is a temporary drainage line placed by the contractor.



Contractor excavating trench cut by trencher and installing Line J.



Trencher cutting final section of Gravity Line J1 at Sta. 7+70.



HEB/Emergency Lane Lift Station

Deer Creek Lift Station

Lift Station

Gravity Line	
Force Main	
Force Main from Deer Creek	
Lift Station	

Updated, Friday, March 20, 2020

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WASTEWATER COLLECTION SYSTEM SCHEDULE

