



Central Wimberley Wastewater Project - Status Update

June 12, 2020

Prepared By: Shawn Cox, City Administrator

Construction

Lift Station (RR12 @ FM 3237)

Capital has completed the trenching up to the lift station. Excavation was set to start last week but was delayed due to weather. Work is now scheduled for the first week of June. The wet well is ready and will be delivered and set once excavation is complete. 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

Capital Excavation completed the installation on Ranch Road 12 this week (week of June 7). They are beginning work on FM 3737 next week (week of June 14). This work will be 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 now expected to begin around June 22. 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)

Plummer's engineers have been coordinating with TxDOT on requested revisions to the plans. TxDOT has asked that the line running across the Cypress Creek Bridge be incased, and for some additional notes to

be added to the plans for Ranch Road 12. The plans will be resubmitted to TxDOT with the included changes by next Friday (June 19).

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

A letter to each property/business owners in the City's service area, regarding project updates, next steps, connection steps & timeframe, etc., was mailed out today (June 12). 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. A copy of the letter is also attached to this update.

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.

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 questions our customers may have. If there are specific questions you have, please send them to me at scox@cityofwimberley.com, so we can include them.

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		
<u>Component</u>	<u>Start</u>	<u>Completion</u>
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)

- Letter to future Utility Customers
- Inspector's Report
- Collection System Map
- Wastewater Collection System Schedule



Gina Fulkerson
Mayor

Rebecca Minnick
Mayor Pro-tem

Teresa Shell
Place 2

Jim Chiles
Place 4

Christine Byrne
Place 3

Bo Bowman
Place 5

June 12, 2020

Dear Property/Business Owner,

You are receiving this letter because our records indicate your property or business is located within 150 feet of the City's new wastewater line, and thus you will be required by ordinance to tie into the system when it is complete. As we near the end of construction on our Central Wimberley Wastewater Project, I wanted to reach out and provide all future users/customers updated information, timeframes, and plans for implementing service, as well as to make sure you are aware of the next steps. Currently, construction is scheduled to be completed and the system operational in December 2020.

Recommended Steps to Take Toward Connecting to the Sewer System

Location of Sewer Tap

Our contractor, Capital Excavation, has and will continue to work with each property owner where to best install the sewer tap for that property. Prior to starting construction in an area, Capital did/will contact each property to determine where the sewer tap should be located in order to provide for the easiest connection of the property to the system. This contact usually happens about two weeks before construction in your area begins. If you have not been contacted, please let the City know.

Connection to the System

Current City Ordinances (*Sec. 12.02.072 - Connection to sewer system required*) require all properties within 150 feet of the sewer system to connect to the system. To do so, each property will be responsible for installing the connection from their structure (house, business, etc.) to the City's sewer tap. A permit for this connection work must be issued by the City, and only a licensed plumber can pull a plumbing permit with the City. If you would like any information for plumbers who have recently worked in the City, a list can be found on the City's website at www.cityofwimberley.com/utilities.

A licensed plumber will be able to provide connection costs for your property. Talking with a plumber earlier rather than later will allow for greater planning time. How properties connect to the system will vary. You will want to work with whichever plumber you select to determine the best way to connect your property. Costs for connecting your property to the City's system will also vary, but on average connections without a grinder pump can cost between \$1,000 - \$3,000, while connections with a grinder pump on average start around \$7,000. Please remember that these are estimated costs. You should consult with your plumber for costs specific to your property.

All connections must be done in accordance with the 2015 International Building Code. Your plumber can pull their required permit at any time. If you know where and how your property will connect, installation of the line can begin now. However, final connection of the structure to the City's line cannot occur until the City's system is operational. If you or your plumber have any questions, please feel free to contact the City at any time.

Decommissioning of Septic System

To decommission your septic system, you will need to work with your plumber or a licensed sanitarian to abandon your tank(s) in accordance with Texas Commission on Environmental Quality (TCEQ) guidelines. Estimated costs for decommissioning a septic system average between \$1,000 - \$3,000. The City's Sanitarian, Kyle Dehart, will be happy work with you and your plumber or sanitarian to ensure all necessary actions are taken.

Utility Fees

The City Council is currently working on adopting new utility fees for its wastewater customers. Council Workshops on the topic were held on Tuesday, May 26 and Tuesday, June 9. A video of the meetings and a copy of the proposed rate presentations can be found on the City's website www.cityofwimberley.com/utilities. If you would like to know how the proposed rates will specifically affect your property, please feel free to contact me.

Project Updates

A project status update is produced and distributed weekly. Included are updates on the construction schedule, rates, coordination with other agencies, etc. You can access these updates on our City website at www.cityofwimberley.com/cwwpupdates. If you would like to be added to our email list, please send me your information at scox@cityofwimberley.com.

Since initial design began in 2013, the Central Wimberley Wastewater Project has had numerous changes, not only in schedule, but also in line locations, rates, contracts, etc. As a future user/customer, the City wants to ensure you have all the information you need. If there are any questions you have, or if there is any information you need please let me know. We are also working to keep our information current on our City website (www.cityofwimberley.com/utilities), if there is anything you cannot find, please contact the City.

Sincerely,



Shawn Cox
City Administrator
512-847-0025
scox@cityofwimberley.com

CONSTRUCTION OBSERVATION REPORT

Project: City of Wimberley Wastewater Collection System

Contractor: Capital Excavation Company

Date: Monday June 01, 2020 – On Site 9:00 pm to 3:00 am

Date: Tuesday June 02, 2020 – On Site 9:30 pm to 2:00 am

Date: Wednesday June 03, 2020 – On Site 11:00 pm to 2:00 am

Date: Thursday June 04, 2020 – On Site 9:00 pm to 1:30 am

WEATHER OBSERVED:

- Sun- 5-31-20 Rain - Contractor was unable to work.
- Mon 6-01-20 Clear – 72-76 deg
- Tues 6-02-20 Clear – 75 -86 deg
- Wed 6-03-20 Clear – 73-80 deg
- Thurs 6-04-20 Clear - 75-81 deg.

SUMMARY OF CONSTRUCTION ACTIVITY OBSERVED

- Contractor installed MH I3.
- Contractor completed the installation of the Line I between MH I2 MH I3
- Contractor began installing the force main along RR12 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 I at Sta. 4+50, 6+50, & 8+50. - Passed

MAJOR EQUIPMENT/MATERIALS DELIVERED:

- None

PROBLEMS/ISSUES/DELAYS:

- The area around the proposed lift station has remained saturated with water due to heavy rain during the previous two weeks. The saturation has not caused significant delays yet but it may if it does not begin to dry up soon.

OTHER REMARKS:

- SEE PHOTO LOG ATTACHED.
-

Observation Report By: Casey Gilpin, Inspector

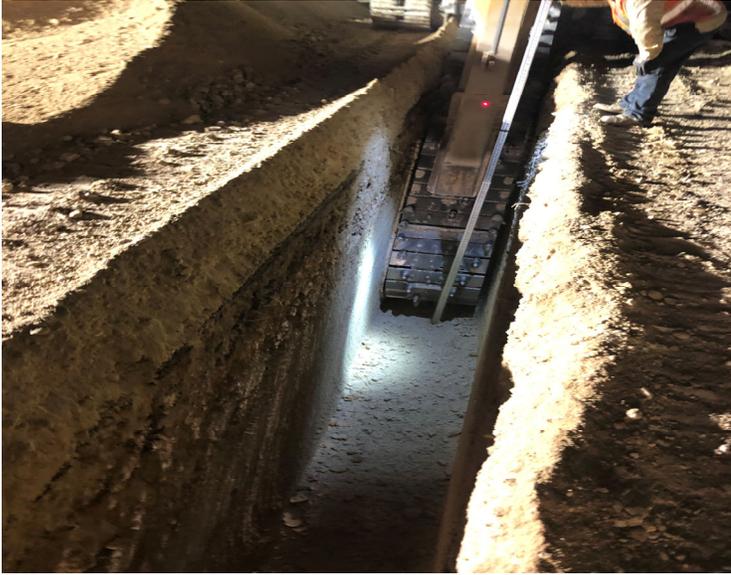
Distribution:

- | | |
|--------------------------------------|----------------------------|
| 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 01, thru June 04, 2020



Contractor checking for proper depth while trenching for Line I.



Lab tech performing density test for Line I.
Sta. 6+50



Contractor installing a section of line I
using trench protection.



Lab tech performing density test for Line I.
Sta. 6+50 (2ft depth)

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: June 01, thru June 04, 2020



Lab tech performing density test for Line I.
Sta. 6+50 (3ft depth)



Density test for Line I at Sta. 8+50



Lab tech performing density test for Line I.
Sta. 4+50 (3ft depth)



Contractor trenching beside FM 12. for the
force main (between lift station and Blue
Heron Rd.

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: June 01, thru June 04, 2020



Trench for gravity Line I along fm12.



Trench for gravity Line I along fm12.



Contractor excavating for the installation of MH I3.



Contractor installing setting trench protection for the installation of MH I3 for line I.

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: June 01, thru June 04, 2020



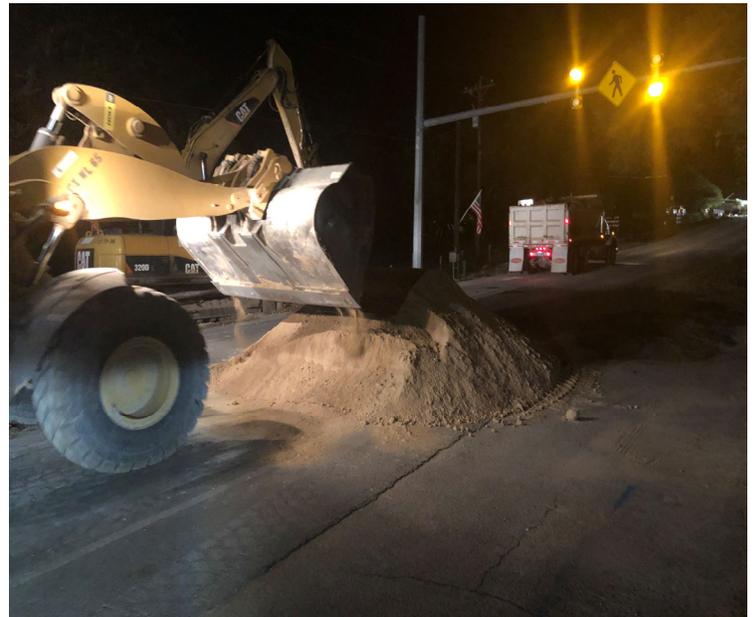
Manhole I3 bottoms sections.



Contractor covering existing asphalt with dirt to prevent the Trenchers tracks from damaging the Surface of the asphalt (trencher 68-70 tons)



Contractor installing the force main (between lift station and Blue Heron Rd.)



Bedding material (sand) used for the force main

Project No.: 1732-002-01

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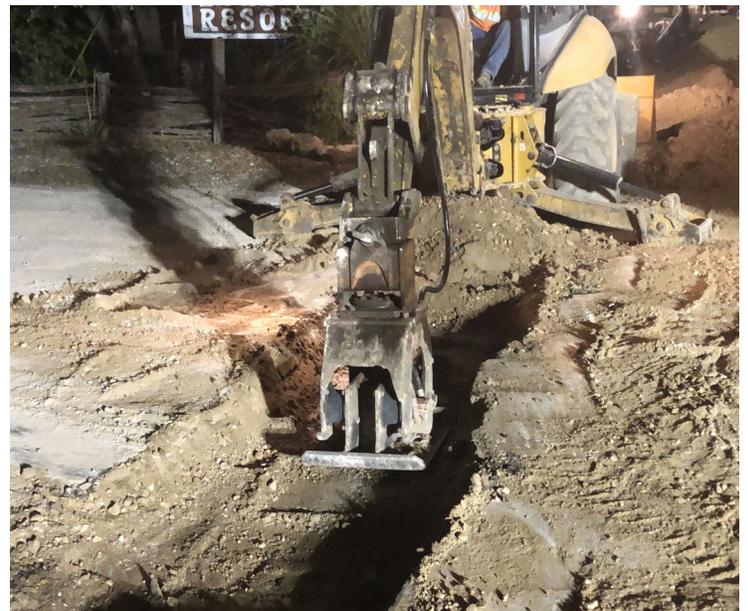
Contractor trenching beside FM 12. for the force main (between lift station and Blue



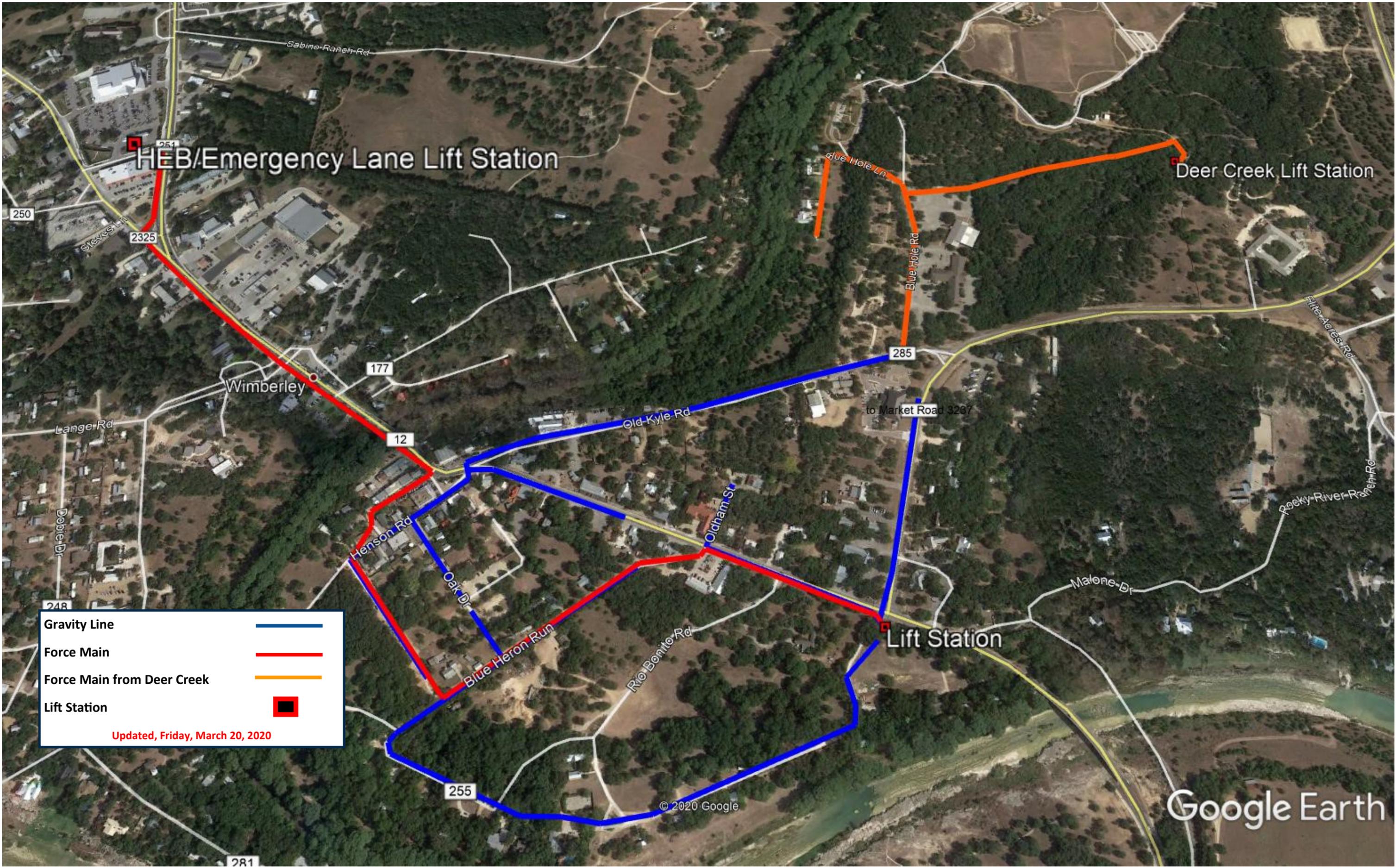
Contractor checking for proper depth while trenching for the force main (between lift station and Blue Heron Rd.



Contractor installing a section of the force near Blue Heron Rd.



Contractor compacting the backfill for the force main between lift station and Blue Heron Rd.



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

