



Central Wimberley Wastewater Project - Status Update

June 5, 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 continued night work on Ranch Road 12 this week (week of June 1). There are two nights of construction needed to complete to portion on Ranch Road 12. The portion of Ranch Road 12 from Blue Heron to the intersection at FM 3237 is closed to through traffic during construction. Detour signage has been placed on Ranch Road 12 coming into town before the Winters Mill bypass and the Blanco River Bridge. Once the lines have been installed on Ranch Road 12, Capital will begin installation on FM 3237. This work will also be at night and will require traffic to be diverted. Once completed on Ranch Road 12, Capital will begin work on FM 3237 next week (week of June 7). 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.

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

TxDOT has completed the initial review of the plans for connection to the Cypress Creek Bridge. TxDOT's Structures Group and Bridge Division are working with Plummer to complete a load analysis for our proposal. While not all TxDOT's systems are back up and running, the system necessary for the load analysis is operational. The Structures Group is completing the analysis to provide to the Bridge Division for Review. Reed Smith is working with the Division on an ETA.

Designed plans for the portion of force main running north along Ranch Road 12 were provided to TxDOT for review on Tuesday, June 2. Reed Smith completed his initial review and provided comments to Plummer on Thursday, June 4. These comments are being addressed and the amended plans are expected to be submitted next week (week of June 7).

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., is being reviewed by the City Council. The letter is anticipated to be mailed out next week (week of June 7). 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.

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 are being prepared for a second workshop scheduled for Tuesday, June 9.

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.

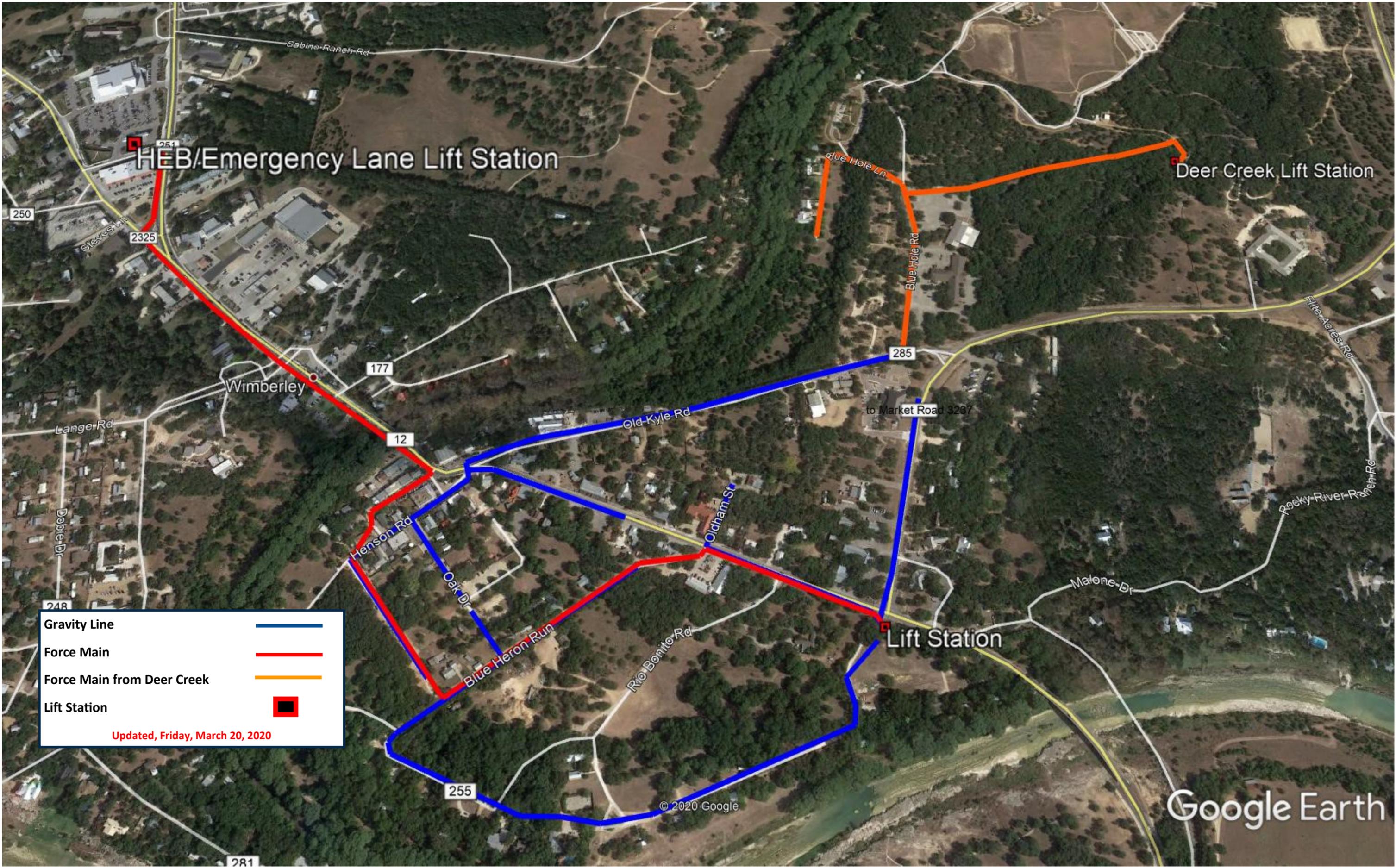
Schedule

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	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)

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



HEB/Emergency Lane Lift Station

Deer Creek Lift Station

Lift Station

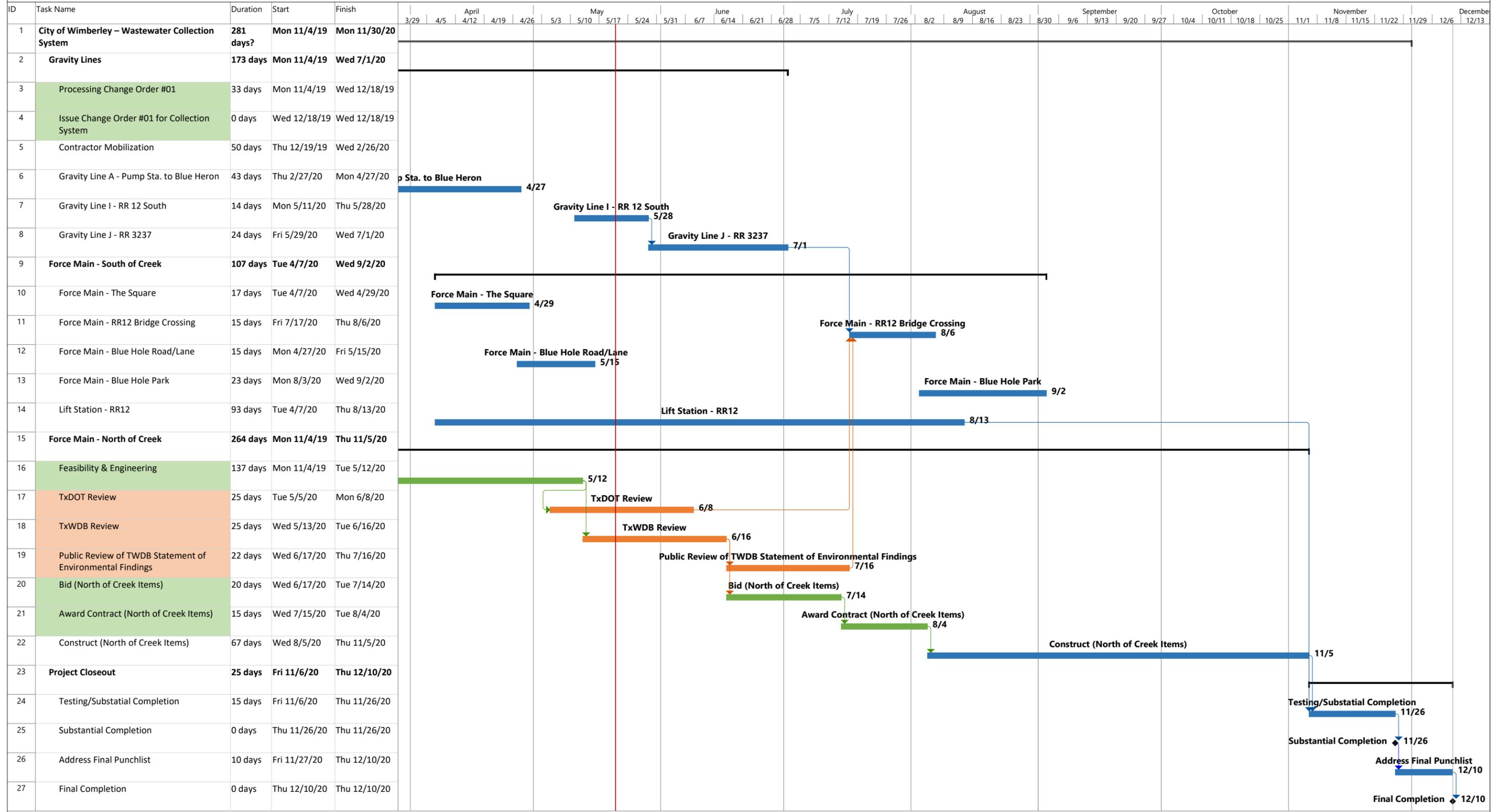
Gravity Line	
Force Main	
Force Main from Deer Creek	
Lift Station	

Updated, Friday, March 20, 2020

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Google Earth

WASTEWATER COLLECTION SYSTEM SCHEDULE



CONSTRUCTION OBSERVATION REPORT

Project: City of Wimberley Wastewater Collection System

Contractor: Capital Excavation Company

Date: Wednesday May 27, 2020 – On Site 8:00 pm to 4:00 am

Date: Thursday May 28, 2020 – On Site 9:00 am to 2:00 pm

WEATHER OBSERVED:

- Wed- 5-27-20 Clear 65-75 deg.
- Thurs 5-28-20 Clear - 70-80 deg.

SUMMARY OF CONSTRUCTION ACTIVITY OBSERVED

- Contractor installed MH I1 and, MH I2.
- Contractor completed the installation of the Line I between MH I1 MH I2 and approx. 80 ft of the Force between MH I2 and MH I3. (Line I Sta. 3+81 to 6+90)
- Contractor installed connection for future services to Line I at Sta. 4+75, 6+88, & 6+93.

TESTING OBSERVED:

- No testing done the project this week.

MAJOR EQUIPMENT/MATERIALS DELIVERED:

- None

PROBLEMS/ISSUES/DELAYS:

- No major issues.

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: May 27, & May 28, 2020



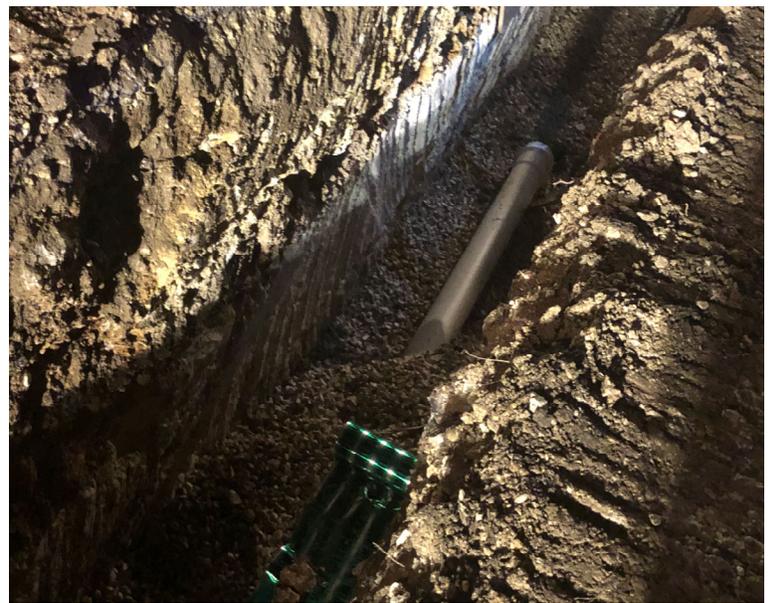
Contractor trenching for a section of Line I. Between MH I1 and I2.



Contractor Hauling waste material from trench excavation of site.



Contractor compacting trench & reestablishing drainage ditch after line I has been installed. Between MH I1 & I2.



Gravity line I. Crushed stone bedding placed with crushed stone cover and caution/locate strip place on top before the line is backfilled.

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Contractor using trench protection while working on Line I.



Contractor checking for proper depth & slope while installing the gravity line.



Base section for MH I2.



Contractor trenching for a section of Line I. Between MH I1 and I2.

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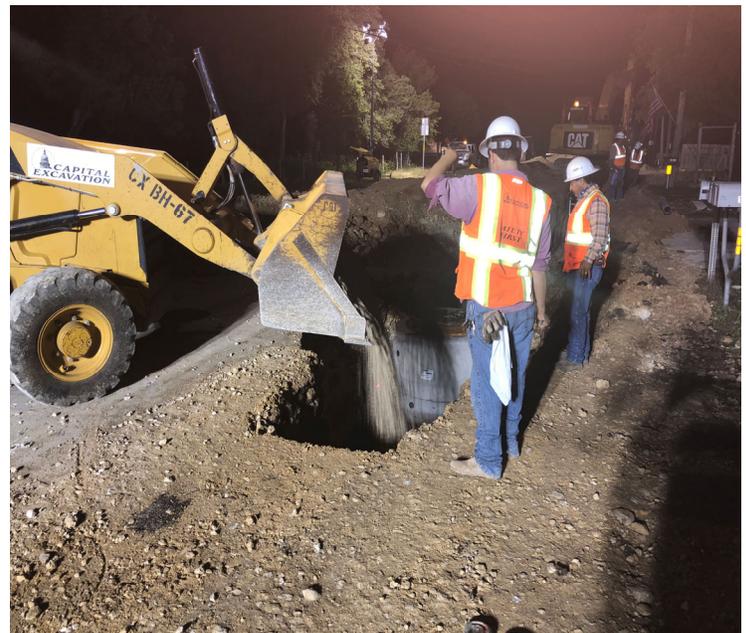
Contractor installing top section of MH I2. Sta. 6+48.



Contractor checking for correct elevation and proper positioning of MH I2



MH I2 with cover installed.



Contractor backfilling around MH I2 with crushed stone.