



# Central Wimberley Wastewater Project - Status Update

May 29, 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 May 25). Work on Ranch Road 12 is expected to be completed by the end of next week (week of June 1). 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 rather than Oldham. This change in schedule is to finish up all night work. 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. This is expected to be completed next week (week of June 1).

## 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)**

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. We are working with TxDOT on an ETA.

Reed Smith has approved the alignment (route) of the force main line up Ranch Road 12 to the HEB/Emergency Lane Lift Station. Plummer's drafter is completing final marks up on the plans for submission to TxDOT today (May 29)

## 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 attorney has received the proposed language for review.

## 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., will be mailed out next week. 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.

### **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. If there are specific questions you have, please send them to me at [scox@cityofwimberley.com](mailto:scox@cityofwimberley.com), so we can include them.

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## 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.

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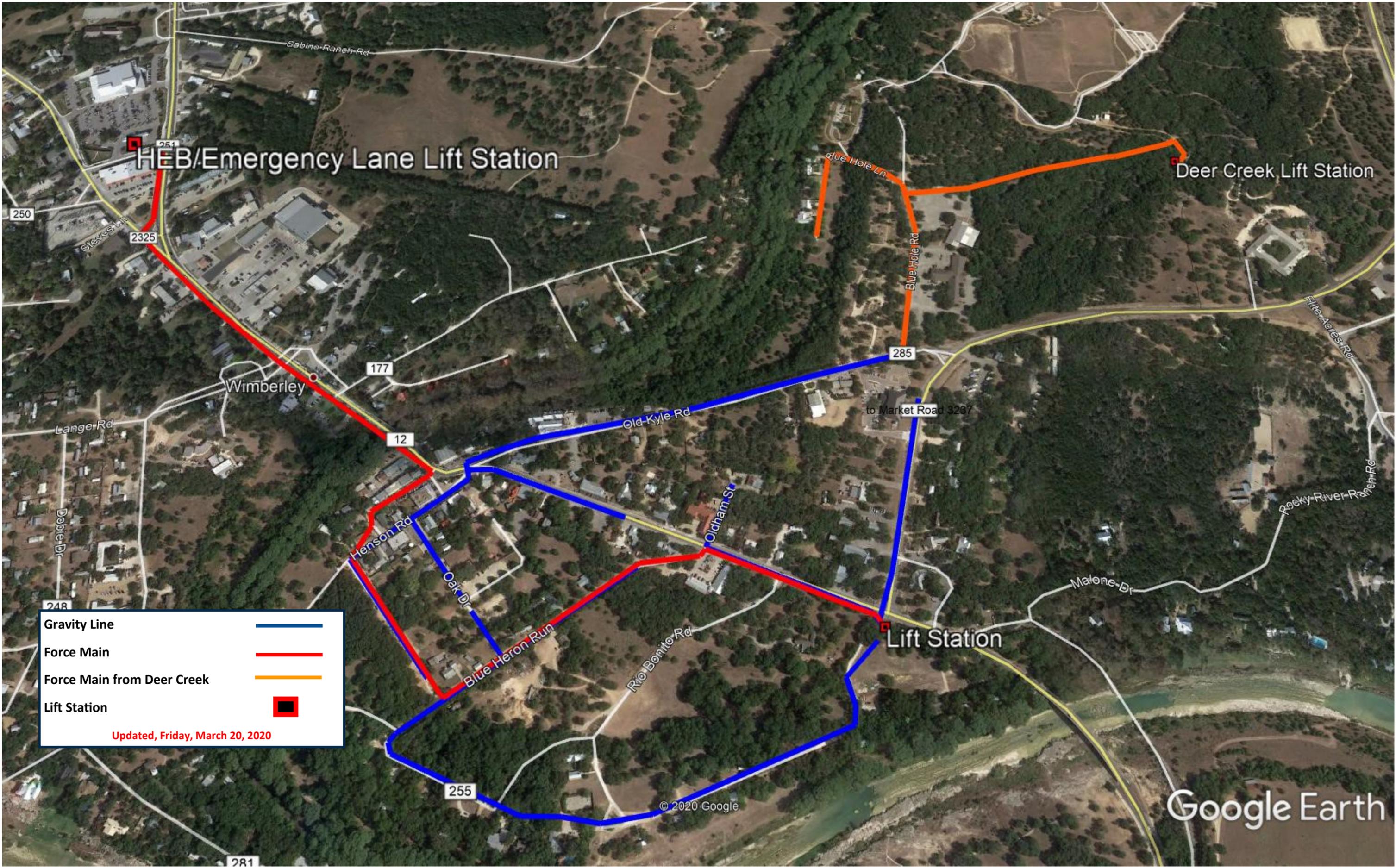
## Schedule

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>		
<u>Component</u>	<u>Start</u>	<u>Completion</u>
<b>Collection Lines (CO#4)</b>	<b>February 2020</b>	<b>August 2020</b>
- Gravity Lines (RR12)	June 2020	July 2020
- Gravity Lines (FM 3237)	June 2020	July 2020
- Force Main (Deer Creek/Blue Hole)	May 2020	August 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	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	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>May 2020</b>

**Attachment(s)**

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



HEB/Emergency Lane Lift Station

Deer Creek Lift Station

Lift Station

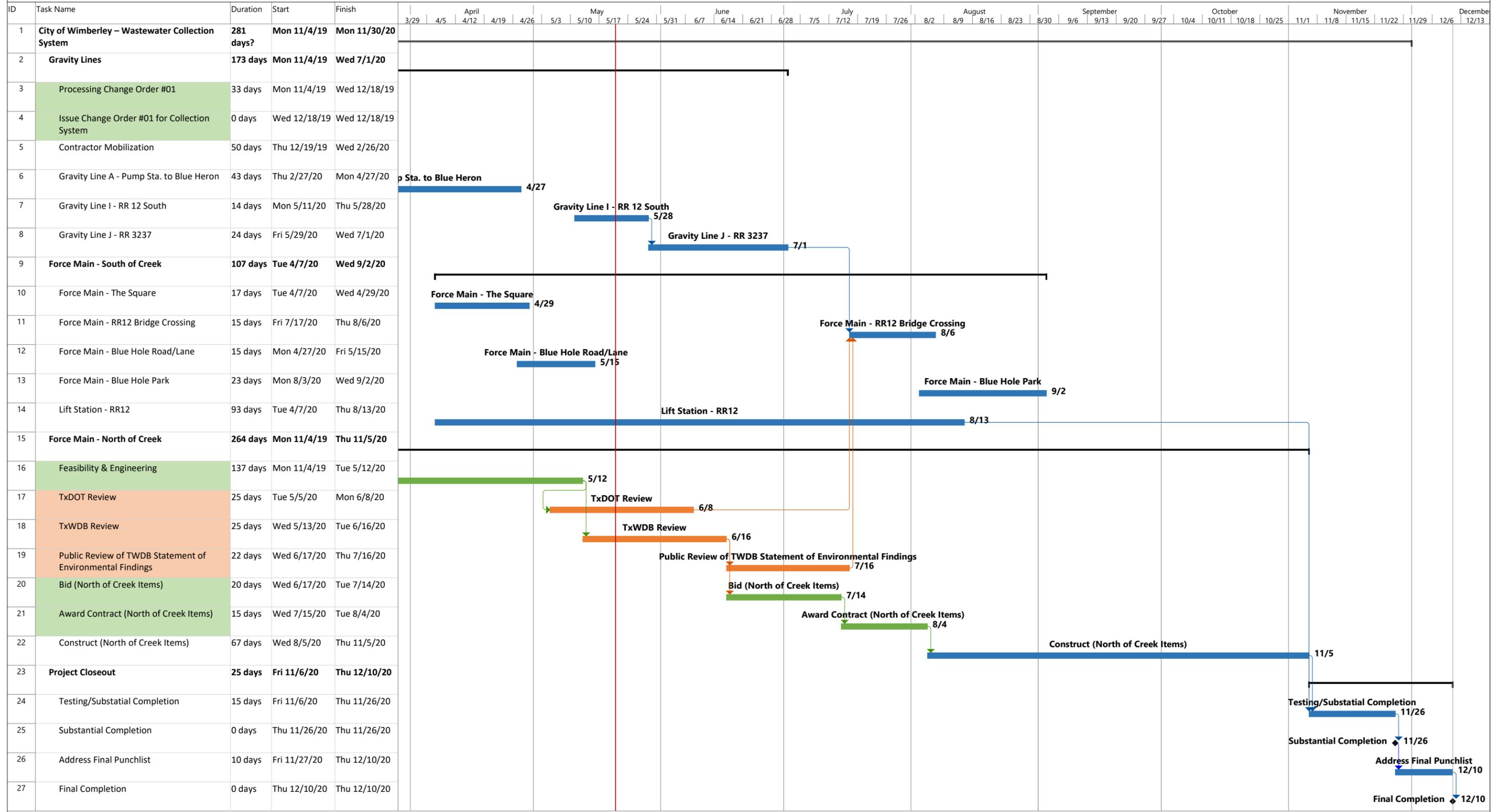
Gravity Line	
Force Main	
Force Main from Deer Creek	
Lift Station	

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: Sunday May 17, 2020 – On Site 6:30 pm to 2:00 am

Date: Monday May 18, 2020 – On Site 8:00 am to 1:00 pm

Date: Tuesday May 19, 2020 – On Site 9:00 pm to 4:00 am

Date: Thursday May 21, 2020 – On Site 10:00 pm to 1:00 am

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## WEATHER OBSERVED:

- Mon- 5-17 Thru Thurs 5-21 Clear 90-95 deg.

## SUMMARY OF CONSTRUCTION ACTIVITY OBSERVED

- Contractor installed MH IA, MH IB, and MH I1.
- Contractor completed the installation of the Line I between MH IA MH IB MH I1 and approx. 80 ft of the Force between MH I1 and MH I2. (Line I Sta. 1+54 to 4+87)

## TESTING OBSERVED:

- No testing done the project this week.

## MAJOR EQUIPMENT/MATERIALS DELIVERED:

- Type D cold mix asphalt.

## 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 17, thru May 22, 2020



Contractor cleaning installing base section of Manhole IA for Line I Sta. 1+54 near the intersection of RR12 and RM 3237.



Contractor installing the first section of 6" PVC Line I between MH IA for and MH IB



Contractor installing Manhole IA for line I Sta. 1+54



Contractor checking for proper depth while installing Line I between MH IA for and MH IB

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

**Project: Central Wimberly Wastewater Project**

**Date: May 17, thru May 22, 2020**



**Contractor trenching for the 6" PVC on Line I.**



**Contractor ran into rock and decided to use the trench machine.**



**Contractor checking for proper depth while trenching for Line I.**



**Loader picking up waste material from the trencher as it works.**

Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: May 17, thru May 22, 2020



Contractor trenching across FM 12.



Trencher was able to cut the full to full depth in one pass.



Contractor excavating for the installation of MH IB. Sta. 3+45.



Contractor installing base section of Manhole I1 for line I Sta. 3+81.



Project No.: 1732-002-01

Project: Central Wimberly Wastewater Project

Date: May 17, thru May 22, 2020



MH I1 Line I Sta. 3+81.



MH I1 installed.



Contractor installing the 6" PVC Line I between MH I1 for and MH I2.



Trench protection used while working in the trench.