

## Public Works Director Report

September 2023

*Demand- average daily demand was 575,000 Gallons per Day (G.P.D.)*

*Total Monthly Production – 17,267,000 gallons*

- **Spanish Oak Trail & Hilltop Drive Water Line Improvements Project**

**Start Date: June 5, 2023/Final Completion Date: Feb. 5, 2023**

The project was awarded to Excel 4 Construction, LLC with a total bid amount of \$767,882.00 at the January 10<sup>th</sup> City Council meeting. A pre-construction conference was completed on Tuesday, March 14, 2023 at City Hall. The contractor has been informed that excellent communication is expected by the citizens and staff members throughout the duration of the project. Especially, planned service interruptions, and street/driveway closures. A draft copy of written notices will be provided for city staff to review before being distributed to citizens. A notice to proceed letter was issued to the contractor on June 5, 2023. The official start date is June 5, 2023. The number of days to achieve substantial completion is 215 calendar days from the date above for the commencement of the contract times, resulting in a date for substantial completion of January 6, 2024; and the number of days to achieve readiness for final payment within 245 days from the commencement date of the contract times, resulting in a date for readiness for final payment of February 5, 2024. Weather conditions may affect the contract dates. *Excel 4 Construction began work on June 5, 2023. All of the water lines have been installed in the Hilltop Estates Sub-division. The temporary water line used to supply water to customers during the water main replacement phase of the project, is no longer in service and has been removed. The new water main has been pressure tested, disinfected, and all water samples tested negative for bacteria. The streets are in the process of being repaired in Hilltop Estates. Once the ditch lines are successfully tested for compaction density, and moisture content, the asphalt will be replaced. The new sections of water line along Hereford Street have been tested and are being connected or “tied in” to the existing system at Mockingbird/Hereford, just south of Pronto’s Convenience Store, and north of the Hwy 67/Hereford St. intersection. This project is way ahead of schedule.*

- **Green Acres Sub-division (behind Prosperity Bank)**

*Preliminary plans have been submitted for a proposed sub-division (23 lots) off North English Street.*

- **Rock Ridge Estates Sub-Division**

- (Located to the North of First Baptist Church)**

- Building Official Allen and I met with representatives from the Rock Ridge Sub-division again on August 3, 2023 to discuss the final acceptance of Phase I.

- **Rosewood Addition Phase II (Located South of the Riverwalk off Grand Ave.)**

- This phase is 12 lots and includes drainage improvements, water, sewer, and concrete paving. The water, sewer, and concrete street paving have been completed in Phase II of the Rosewood Addition. The short portion of underground storm drain, and small detention pond have been completed, as well. Jim Gartrell (developer) has completed construction of Rosewood Phase II. Larry and I met with Mr. Gartrell to begin the process of securing an acceptable, two-year maintenance bond along with issuance of a Letter of Acceptance from the city. He agreed to do some additional site grading in an undeveloped portion of the property that will help significantly with an existing stormwater runoff problem downstream from "Phase II". Once the dirt work has been completed, and a two-year maintenance bond is issued to the city, a Letter of Acceptance will be drafted.

- **Glen Rose Condominiums (behind Baymont Inn & Suites)**

- A developer is planning to develop this unique property. An extensive drainage study has already been provided by Barron-Stark Engineering, and reviewed by Chris Hay. The study proved that development of the property will not negatively impact any properties downstream. There is an existing sewer main running through the property that is currently scheduled for an upgrade in size from 10" to 15". This work will need to be completed before the development. City staff, Chris Hay, and the development team have been discussing the best possible scenario to upgrade the utilities without holding up the development of the property. We have discussed the possibilities of a development agreement allowing the developer to incur the initial costs for construction and then be reimbursed by the city once the project has been completed.

- **Well Site No.3 Ground Storage Tank Replacement Project**

- City staff met with Chris Hay to review a *DRAFT* set of construction drawings for the 250K gallon ground water storage tank replacement at Well Site No.3 near the intersection of Hereford St. (Hwy 56N) and Tom Rumph Road. By rule, the construction plans must be submitted to the Texas Commission on Environmental Quality for review and approval before construction begins. The review period is sixty (60) days.

- **TxDOT- Safe Routes to School/Transportation Alternatives Project 2023**

A detailed application for TxDOT's 2023 Transportation Alternatives Call for Projects was completed and submitted to TxDOT on June 5, 2023. I received an email from Noah Heath (TxDOT Transportation Alternatives Program Manager) on July 21, 2023 notifying us that the Texas Transportation Commission approved additional federal funding for our sidewalk project at their July 11<sup>th</sup> meeting. The additional funding amount is \$710,765. The project description is scoped to construct 1.76 miles of accessible sidewalks along Mary Lynn Drive, Stadium Drive, Walker Street, Holden Street, Shepard Street, US67, and FM56. Sidewalks will be 5' wide and 4" thick. The design work is being handled by a TxDOT consultant. Of course, with the award of additional federal funding to this project an AFA amendment will be required to add the funding to the project. Iftekhar Ali has been assigned to process the amendment. I have reached out to him to begin that process. **At the meeting with TxDOT on 10/3/2023, I was informed that there will be three separate areas of the SRTS project where the city will need an easement from property owners for the new sidewalk. The G.R.I.S.D., Glen Rose Interbank, and North Texas District Council are the three property owners. The G.R.I.S.D., and Glen Rose Interbank have already been approached and both are willing to work with the city to make it happen. The third owner has not been approached yet due to conflicting survey markers. A TxDOT consultant will be providing the metes-and-bounds descriptions, along with specific verbiage needed for the easement agreement documents. Once I have this in hand, I will need Stan Lowry to draft the easement documents. TxDOT will then review the documents before execution. Currently, the project is divided into two separate scopes. The first will be a new highway crossing at the intersection of Hereford and Big Bend Trail. The plans are 95% complete for that scope, scheduled for 100% in October, with the let date scheduled in January 2024. The Safe Routes to School (SRTS) scope of work plan set is currently 60% complete, and is scheduled for 100% completion on April 1, 2024, with a let date of August 2024.**

- **Stadium Dr. Speed Humps/Hwy 67 TxDOT School Zone**

The speed humps along Stadium Drive have been re-adjusted and calmed down just a little bit. Additionally, I have reached out to TxDOT via email to inquire about the status of the proposed TxDOT "school zone" Project from many years ago. I received a response from TxDOT Area Engineer Sarah Horner on September 22nd. She has been unable to find anybody in the Ft. Worth District with history of why this project was considered in 2005 but not installed. Because so much time has passed since the project was considered in 2005, the project would now require an updated study. When the issue was brought to their attention a couple of months ago, the district traffic office requested the new study. Authorization was given for a consultant to begin a study to determine whether a school zone can be added on Hwy 67 to address concerns near Stadium Dr. and Mary Lynn Dr.

- **Sewer Main Relocation Project near Stone Hollow Court (East of Chicken Express)**

Sealed bids were accepted at City Hall until 10:00 a.m. on Tuesday, August 15, 2023 at which time the bids were opened and read aloud. The project was awarded at the August 22<sup>nd</sup> meeting to Day Services, LLC. The contract price of the awarded contract is \$81,181.00. A Notice of Award was signed by the Mayor on the 25<sup>th</sup> of August. The notice was sent, along with the contract documents, to Day Services, LLC for execution. Once the documents are signed by both the contractor and the Mayor, and returned to eHT with the appropriate bond, a pre-construction conference will be scheduled, and a Notice to Proceed will be issued.

- **School Zone Speed Humps/Hwy 67 School Zone**

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- **Historic Water Tower Paint Project**

I have been coordinating with Roxana Bagwell (Maguire Iron) for the paint project. I have given her the RGB codes for the specific paint colors in the new logos so that she can get started working through the process of color matching. She provided me with contact information for a company that installs LED lighting on water towers. I have reached out to them for pricing and they are willing to do a demonstration on our water tower if we are interested. The demo would only be on a portion of the structure. I can schedule a demo but I really wanted to wait for a “ballpark” price. The equipment and labor to install the lighting will be somewhere between \$38K-\$40K. I have also asked the lighting company for a price for taking down the three antennas from the top of the tank. They agreed to take a look at it but would not commit to actually doing the job until they look at it in person. I will know more about that if they come out to set up the light demonstration.

- **Meeting with SCWD/Prairilands Groundwater Conservation District**

On Tuesday October 3<sup>rd</sup>, I attended a meeting at Prairilands Groundwater Conservation District office. The meeting included the PGCD General Manager Kathy Turner Jones, PGCD Field Operations Coordinator Michael Heath, Kevin Taylor, John Flippen, and I. The intent of the meeting was to collaborate between the three entities to better understand the needs for a water availability study. The PGCD already have some information. It appears that there is value in doing additional water availability studies. The SCWD has expressed interest in cost sharing with the city for an updated groundwater availability study.

# MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING GROUNDWATER SOURCES  
OR ARE PURCHASING TREATED WATER FROM ANOTHER PUBLIC WATER SYSTEM

PUBLIC WATER SYSTEM NAME: City of Glen Rose

PWS ID No.: 2130001

Report for the Month of: Sep 2023

Number of Active Service Connections this Month: 1342

WATER PRODUCTION						
Pumpage to storage and distribution X 1000 Gals						
Date	From Wells Directly to Distr.	From Wells to Storage Tanks	Purchased Water Directly to Distr.	Purchased Water into Storage	From SWTP or GWUDI Plant	Total Daily Production
1		714		0		714
2		685		0		685
3		673		0		673
4		597		0		597
5		690		0		690
6		701		0		701
7		685		0		685
8		699		0		699
9		584		0		584
10		689		0		689
11		556		0		556
12		612		0		612
13		505		0		505
14		424		0		424
15		424		0		424
16		422		0		422
17		522		0		522
18		483		0		483
19		514		0		514
20		531		0		531
21		557		0		557
22		570		0		570
23		579		0		579
24		564		0		564
25		551		0		551
26		502		0		502
27		495		72		567
28		525		19		544
29		508		52		560
30		542		21		563
31						
Total		17103		164		17267
Avg		570		5		575
Max		714		72		714
Min		422		19		422

Any additional information you wish to provide: \_\_\_\_\_

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Operator's Signature: [Signature]

Date: 10-2-23

Certificate No. and Class: \_\_\_\_\_

WG0015032