

Southside IV Pump Station and Hydropneumatic Tank Project

WebEx Community Construction meeting
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Contractor: Gracon Construction

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City Council

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This project is also known as City Project Number 103116. The website link is <https://www.fortworthtexas.gov/projects/cfw-southsideIV-pump-station-and-hydropneumatic-tank>.

Why are you doing this project?

Due to proposed development in the Southside IV service area, it is necessary to install a pump station and hydropneumatic tank to boost water pressure and ensure reliable delivery to current and future customers.

What does this project entail?

The contract includes a new 8 million gallon-per-day booster pump station, a 30,000-gallon hydropneumatic tank, a 350 kilowatt generator, an antenna tower, flow meter vault, check valve vault and other site work.

Who will be impacted?

June W. Davis Elementary School is located at the intersection of McPherson Boulevard and Brewer Boulevard, north of the site. Construction traffic could impact the

June W. Davis Elementary School as well as new home development north of the tank and pump station site. The contractor will work with the school to reduce traffic issues.

How were customers notified about this project?

Meeting mailers were sent to 1,374 customers. Administrative staff at June W. Davis Elementary School were notified by email on October 12. A reminder email was sent to the school staff on November 3.

What is the purpose of a pump station?

A water pump station transports water - via a piped water distribution system - which in this case is the City of Fort Worth Water system. Pumps are used to move water from a starting point – the Sun Country elevated storage tank which is on the same site – to your home or business, via service lines – with enough pressure behind it to overcome any resistance. When development is occurring in an area the water pump station is used to increase water pressure where it is required.

How does this tank work?

Hydropneumatic tanks contain pressurized air and water. The compressed air acts as a cushion that exerts – or absorbs – pressure. The goal is to deliver water within a selected pressure range in the Southside IV plane; minimize pressure surges; and provide an efficient water supply to quickly meet the system's demand.

How do the tank and pump station work together?

The pump station moves water from the Sun Country elevated storage tank to the Southside IV service area. The pump station and tank work together to maintain a consistent pressure range in the system. Too much pressure can increase the chance of leaks in piping.

Will the streets leading to the construction site be impacted?

Those along the route can expect construction traffic between the hours of 7 am and 6 pm, Monday-Friday and, if requested by the contractor, 9 am- 4 pm or 5 pm on Saturdays.

Will our water service be interrupted?

No, this project will not impact water service to the school or homes in the vicinity of the construction site.

Do you know when construction will start?

Due to ongoing – and proposed – development in the Southside IV area it was crucial that construction start earlier than anticipated in order to provide for future water customers. The contractor was issued a Notice to Proceed (NTP) for October 19, 2021.

The mobilization date was set for Monday, November 1, *or later*.

Where can I get more information?

Progress will be updated on the City of Fort Worth website at <https://www.fortworthtexas.gov/projects/cfw-southsideIV-pump-station-and-hydropneumatic-tank>. You can also go to www.FortWorthTexas.gov and enter “103116” in the search bar on the home page.

The link to this meeting video, the project map, and the project summary/frequently asked questions will be linked to this project page.

How do I report an emergency or non-emergency water or sewer issue?

Emergencies

For water main breaks or sewer backups you can call 817-392-4477 – 24 hours a day - and select Option 1 to reach the Water Dispatch center.

Non-Emergencies

For non-emergencies you can reach out to our Water Call Center - at the same phone number - 817-392-4477. The Water Call Center staff answers non-emergency calls between 7 am and 7 pm, Monday-Friday. The call center is closed on City holidays.



Another option is to download the MyFW app from the App Store or Google Play.

You can report sewer overflows, leaks and water main breaks, missing or broken meter lids, water theft, water violations, no water service, water pressure issues and other sewer concerns.

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