

**Marine Creek Drainage Basin Sewer Interceptor
Phase 2 Part 2 Improvements Project
WebEx Community Design meeting**

August 30, 2021

Key Fort Worth Staff:

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Engineering design consultant: Halff and Associates

- Leah Hodge

395 evites mailed; 3 participated

Council District

District 2 Councilmember Carlos Flores

District 2 Director Maira Gallegos

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Summary:

This is a virtual WebEx community design meeting. The Marine Creek Drainage Basin Sewer Interceptor Phase 2 Part 2 Improvements project is also known as City Project Number 100274-2. The construction and improvements will impact the Marine Creek Community, Northwest Fort Worth Neighborhood Alliance, Marine Creek Meadows, Bowman Estates and Neighbors of Jinkens Heights/Crestridge.

What is an interceptor sewer?

- An interceptor sewer is a major sewer line that receives flows from trunk sewer lines, and smaller sewer mains. This combined flow is then directed to a wastewater treatment facility or another interceptor.
- In a typical sewer system, sewage first flows from domestic buildings via relatively small pipelines known as laterals. These pipelines take wastewater from residential/private properties and direct it to government-owned local sewer lines that run under streets and other rights-of-way, or in easements.
- Local sewer lines then discharge the wastewater via gravity to trunk sewers located at various manhole locations. Interceptor sewers then take the contents of the trunk sewers, directing them to an appropriate treatment facility.
- Since interceptor sewers take collective flows from laterals, local lines, and trunk sewers, they are among the largest pipes in a sewer network. Some interceptor

sewer lines can be over eight feet in diameter and convey millions of gallons of wastewater per day.

- Interceptor sewers are also known as interceptors.

Why are you doing this project?

Fort Worth prioritizes water and sewer line replacements based on available data which includes the water main break history, leak history, CCTV (closed circuit TV) inspection, age of the line, and required pipe capacity.

We are doing this project to replace a severely deteriorated sanitary sewer main – that is located immediately downstream of the project main – and to increase the capacity. This construction will wind through Marine Creek Lake Park and will cross the Marine Creek Reservoir.

There are two phases to Part 2 of this project. Where did construction for Phase 2 Part 1 start?

Construction on Phase 2 started in the spring of 2019 with Marine Creek Drainage Phase 2/Part 1. Part 1 included the construction of a 42-inch sewer main and a 36-inch sewer main from Ten Mile Bridge Road to Huffines Boulevard. The project paralleled Marine Creek Lake, trails and park. The Part 1 area was east of Lamb Creek Drive and Paloma Blanca Drive and north of New Castleton Lane.

What area is impacted in Phase 2 Part 2?

Phase 2/Part 2 picks up where Part 1 left off - at Ten Mile Bridge Road by the Marine Creek boat ramp and parking lot.

The new sewer main will follow the path of the walking trail – about 100 feet north of the trail - as it loops around the New Castleton Lane neighborhood, continues behind Kingsknowe Parkway then crosses the reservoir. The sewer main crosses the walking trail, south of Kingsknowe Parkway, between Marine Park Drive and Kingsknowe Parkway.

Where is the Marine Creek Drainage Basin?

The Marine Creek Drainage Basin is bound by Newark to the north, I-35W to the east, Hwy 199 to the south and Pelican Bay, Eagle Mountain Lake, Fort Worth Nature Center and Wildlife Refuge, Lake Worth, Sansom Park, and the Naval Air Station Joint Reserve Base Fort Worth to the west.

What happens if the system reaches capacity?

When it rains, the Marine Creek drainage basin can experience sanitary sewer overflows, or wet weather overflows. This project will help alleviate overflows in the Marine Creek Basin.

How big are these interceptor lines?

The existing sewer main by the boat ramp is 30 inches in diameter. The new main will be 42 inches in diameter. The proposed sanitary sewer mains that will cross the reservoir are 42 inches in diameter and 18 inches in diameter.

Will construction impact my sewer service?

No, sewer service should not be impacted with this sewer interceptor project. Private sewer services are not connected directly to the sewer interceptor. The private sewer lateral connects to the City's public sewer main.

Will the bypass pumping run 24 hours?

Yes, the bypass pumping will run 24 hours. The new sewer will cross the walking trail in two places but the walking trail will not be impacted by the bypass pumping.

How will you protect visitors from open trenches?

Only short sections of the trench will be left open overnight. Any open trench will be fenced at the end of the day.

Will the trails be closed?

A temporary trail will go around the construction.

Will streets be closed?

At this time the design shows that the construction near Ten Mile Bridge Road will end at the lake so there should not be any streets that will need to be closed during this project.

Will trees be cut down for this construction?

Some trees will be removed. They are shown on the project plans. We will address the trees more in the community construction meeting.

For projects like this, is there a risk of spillage or leaking that the public should be aware of?

The risk of leaks or spillage is reduced during the construction period for a project of this type because we will install pumps that are adequately sized. Those pumps will be monitored 24 hours a day.

What is the timeline?

This is a design meeting. The next steps include:

- Addressing citizen comments/input from this meeting and completing the design
- Advertising for bids for construction
- Opening bids
- City council approval to award the bid to the contractor

- Pre-construction meeting with the contractor and inspector
- A WebEx community construction meeting to update those impacted by the project
- Construction starts!

How will you notify us?

The contractor will put door hangers on your front door seven days before and one day prior to the start of construction. If you have any extenuating circumstances or have questions about the construction, please call the inspector or project manager.

Where can I get more information?

Progress will be updated on the City of Fort Worth website at <https://www.fortworthtexas.gov/projects/cfw-marine-creek-drainage-basin-phase-2-part-2-improvements>. You can also go to www.FortWorthTexas.gov and enter “100274-2” 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?

If you have a water or sewer emergency – water main break, sewer backup – call Fort Worth Water Dispatch at 817-392-4477 and select Option 1.

If it is not an emergency, call the same number – 817-392-4477 – but do not click on Option 1. The Water Call Center is open 7 a.m. to 7 p.m., Monday-Friday. It is closed on Saturdays.

If you prefer to use a mobile app to report an issue, 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.



Sally Ellertson

Project Communications

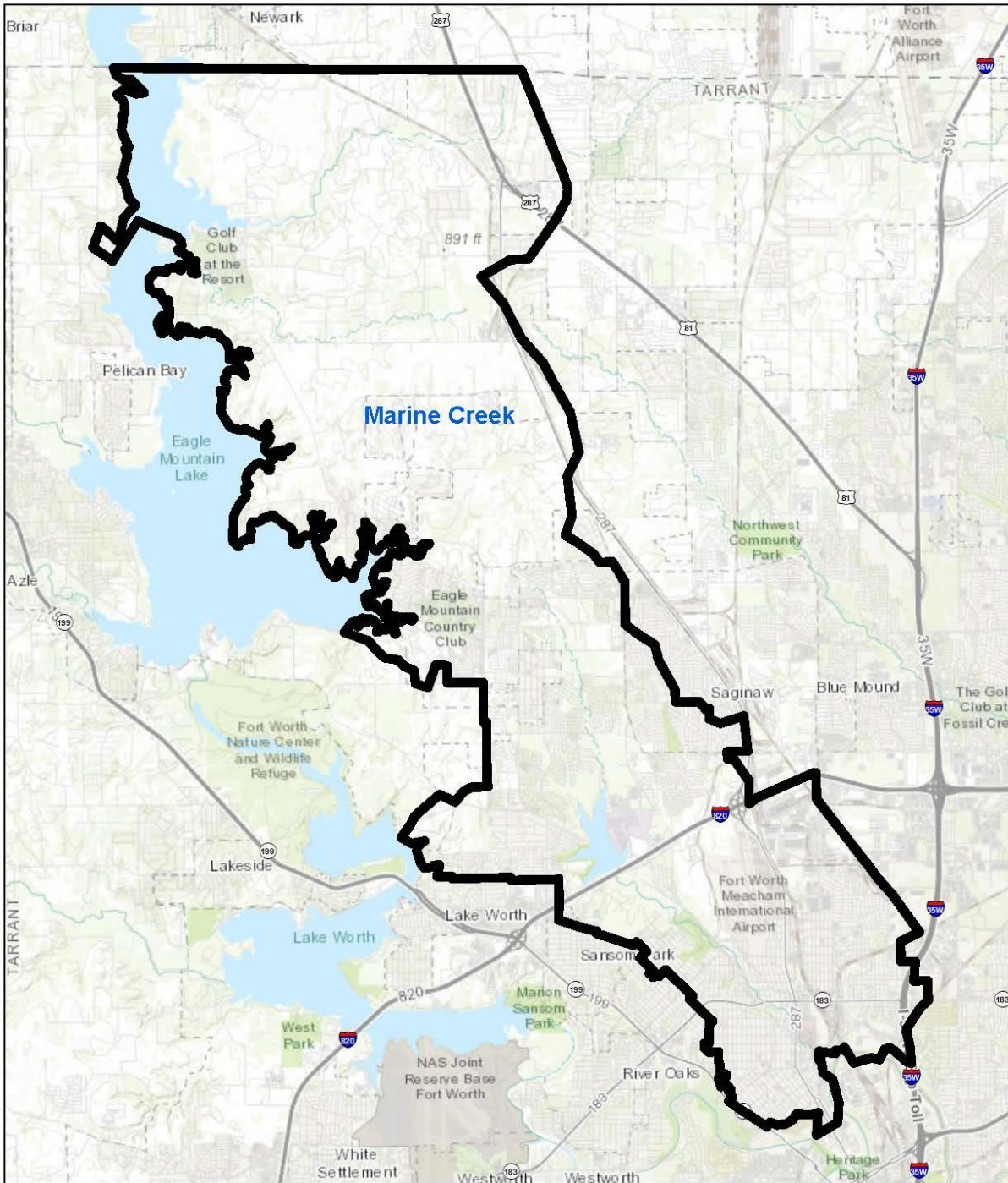
Capital Project Delivery

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Marine Creek Sewer Basin

FORT WORTH
WATER

N

0 3,100 6,200 12,400
Feet

Marine Creek Drainage Basin Phase 2 Part 2



Marine Creek Drainage Basin Phase 2 Part 1 (green dotted Line)

Marine Creek Drainage Basin Phase 2 Part 2 (blue line)

