

It's a Fort Worth Council District 2 Design Open House for cast iron water main replacement projects

Thursday, May 22, 2025 - 5p.m. Dr Jim F Chadwell Administration Building, 1600 Mustang Rock Road, Fort Worth 76179



The cast iron water main projects include . . .

North Side Area Sewer Main and Cast Iron Water Main Replacements

• Search 105068 on <u>www.FortWorthTexas.gov</u> – Project manager is Bijay Upreti

Long Avenue Area - Loving to NGrove - Water and Sewer Improvements

• Search 103498 on <u>www.FortWorthTexas.gov</u> – Project Manager is Dena Johnson

Isbell Road and Springer Avenue Area Water and Sewer Improvements

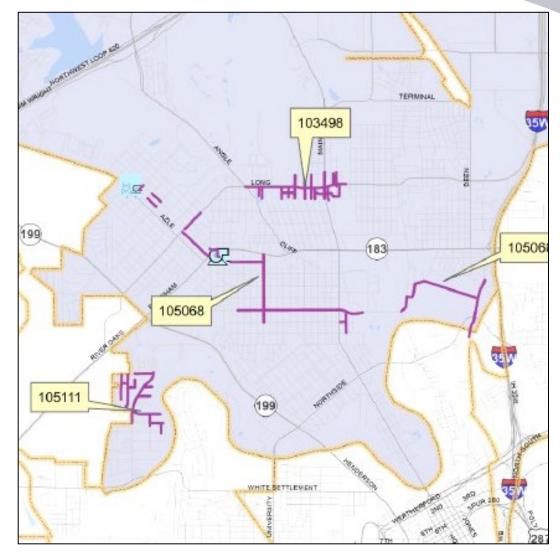
• Search 105111 on <u>www.FortWorthTexas.gov</u> – Project Manager is Clayton Torrance

These three Fort Worth Water capital improvement projects are in Council District 2.

The area is bound by:

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- Terminal Road to the north
- I-35W to the east
- White Settlement Road to the south
- And, Churchill Road to the west.



Council District 2 – Cast Iron Water Main Replacement Projects Design Open House

Why does Fort Worth Water do these projects?

Fort Worth prioritizes water and sewer line replacements based on available data. In this case each of the three projects have cast iron water lines.

- Water main break history
- Leak history

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- CCTV (closed circuit TV) inspection
- Age of the line
- Line material
- Lead service lines
- Cast iron lines

Why are we replacing cast iron water mains?

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Existing cast iron water lines and deteriorated sanitary sewer mains will be replaced in streets and easements through Fort Worth Water capital project delivery improvement projects.

The City of Fort Worth Water Department has routinely replaced cast iron water distribution lines as part of water replacement/rehabilitation projects and, in support of street bond (street rehabilitation) projects.

Due to the significant impact of a large diameter main break on the water system, along with severe street damage and flooding resulting from large cast iron (16-inch in diameter and larger) water main breaks, the department is placing a high priority on replacement of large diameter cast iron water transmission mains. The deep freeze of 2021 caused the cast iron pipes to freeze.



North Side Area Sewer Main and Cast Iron Water Main Replacements

Council District 2 Cast Iron Water Main Replacement Projects Design Open House



North Side Area Sewer Main & Cast Iron Water Main Replacements

Project Manager Bijay Upreti

• 817-392-8909; <u>Bijay.Upreti@FortWorthTexas.gov</u>

Engineering Design Firm: Freese and Nichols

• Amanda Johnson and Claire Yancy

This Fort Worth Water Capital Project Delivery project is in the design phase.

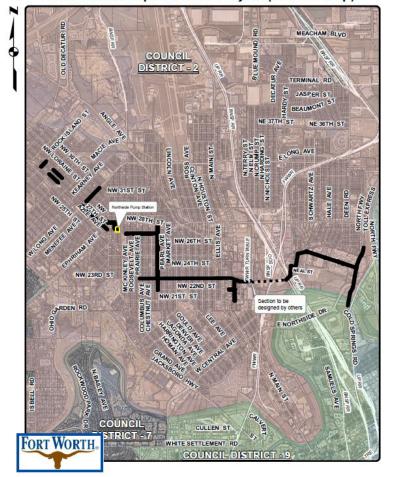
Type 105068 in the search bar on <u>www.FortWorthTexas.gov</u> to subscribe to updates



North Side Area Sewer Main and cast iron water main replacements

Existing water mains - and one sewer main - will be replaced in an area that is bound by Rock Island Street to the north, I-35W to the east, NW 21st Street to the south, and Azle Avenue to the west. This project spans multiple areas.

The improvements will impact the Far Greater Northside Historical neighborhood association, North Side neighborhood association, and Diamond Hill-Jarvis neighborhood association. North Side Area Cast Iron Water Main and Sewer Main Replacement Project (Overall Map)



North Side Area Sewer Main and Cast Iron Water Main Replacements

- Rock Island Street
- NW 27th Street (water and sewer)
- NW 28th Street

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- West Long Avenue
- Rosen Avenue
- Pearl Avenue
- 23rd Street
- North Commerce Street
- NE 22nd Street





North Side Area Water Main Replacement

- Decatur Avenue
- Neal Street
- Peak Street
- Brennan Avenue
- And,Cold Springs Road

NW 27th Street is slated for replacement of the water main and the sewer main. The limits are NW 27th Street from Pearl Avenue to Roosevelt Avenue



Council District 2 Cast Iron Water Main Replacement Projects Design Open House



Project Manager Dena Johnson

817-392-7866; <u>Dena.Johnson@FortWorthTexas.gov</u>

Engineering Design Firm: GFT Inc.

• Brent Shimanek and Michael Hobbs

This Fort Worth Water Capital Project Delivery project is in the design phase.

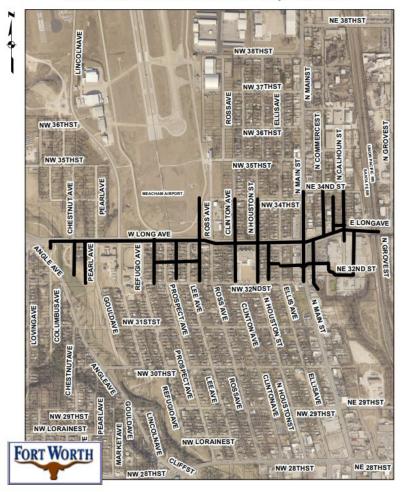
Type 103498 in the search bar on <u>www.FortWorthTexas.gov</u> to subscribe to updates



Existing water and sewer mains will be replaced in an area bound by NW 35th Street to the north, North Grove Street and the Union Pacific Railroad/Santa Fe Railroad to the east, NW 31st Street to the south and Loving Avenue to the west.

Improvements will impact the Far Greater Northside Historical neighborhood association and Diamond Hill-Jarvis neighborhood association.

Landmarks include Washington Heights Elementary School, Kirkpatrick Middle School, Milton L. Kirkpatrick Elementary School, Fort Worth Meacham International Airport, Fort Worth Aviation Museum, Marine Creek Park and the Trinity Trail System. Long Avenue - Loving Avenue to North Grove Street - Area Water and Sewer Improvements





Cast iron water mains in the following segments will be replaced:

- West Long Avenue
- Clinton Avenue
- North Houston Street
- North Main Street/Business 287
- North Commerce Street
- North Calhoun Street



Council District 2 – Cast Iron Water Main Replacement Projects Design Open House



Water and Sewer replacements

• Long Avenue

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- North Main Street
- Add a picture

Water only replacements

- Clinton Avenue
- Chestnut Avenue
- Columbus Avenue
- North Calhoun Street
- North Commerce Street
- North Houston Street



Thirteen sewer lines will be replaced in easements that will impact the following:

- Between North Houston Street and Ellis Avenue
- West of the Ross Avenue and NW 32nd Street intersection
- Between Lee Avenue and Prospect Avenue
- South of the West Long Avenue/Refugio Avenue intersection
- Between Pearl Avenue and Chestnut Avenue
- East of the intersection of East Long Avenue and North Calhoun Street
- West of the East Long Avenue and Calhoun Street intersection



Thirteen sewer lines will be replaced in easements that will impact the following:

- North of East Long Avenue from Calhoun Street to the west
- West of North Calhoun Street from 150 feet west of the North Calhoun/NE 32nd Street intersection
- Between North Main Street and North Commerce Street from East Long Avenue to the south
- Between West Long Avenue and NW 32nd Street in the area of Ellis Avenue
- And south of West Long Avenue, east of the North Main Street and NE 32nd Street



Council District 2 Cast Iron Water Main Replacement Projects Design Open House



Project Manager: Clayton Torrance

• 817-392-8528; Clayton.Torrance@FortWorthTexas.gov

Engineering Design Firm: Freese and Nichols

Consultant: Amanda Johnson and Claire Yancey

Type 105111 in the search bar on <u>www.FortWorthTexas.gov</u>

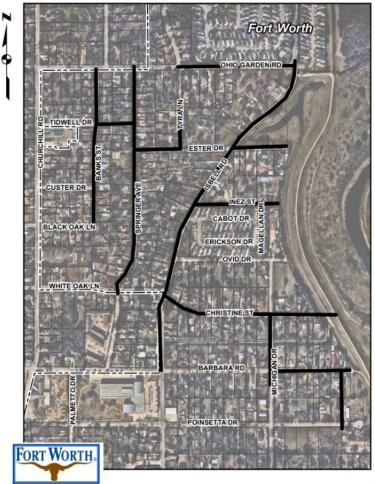


Existing water and sewer mains will be replaced in an area bound by Ohio Garden Road to the north, Brookside Drive and the West Fork Trinity River to the east, Poinsettia Drive to the south, and Churchill Road and the City of River Oaks to the west.

The improvements will impact the Far Greater Northside Historical neighborhood association and Diamond Hill-Jarvis neighborhood association.

Landmarks include the A.V. Cato Elementary School to the south and Anderson-Campbell Park to the east.

Isbell Road and Springer Avenue Area Water and Sewer Improvements



Council District 2 – Cast Iron Water Main Replacement Projects Design Open House



Cast Iron Water Mains will be replaced in . . .

- Banks Street
- Springer Avenue
- Tyra Lane
- Isbell Road
- Michigan Avenue

- Ohio Garden Road
- Tidwell Drive
- Ester Drive
- Inez Drive
- Christine Street, and
- Barbara Road



Water and Sewer replacements

- Long Avenue
- North Main Street

Water only replacements

- Tyra Lane
- Michigan Avenue
- Ester Drive
- Barbara Road

Sewer only Replacement

 Easement east of Michigan Avenue from the intersection of Barbara Road and Michigan Avenue

Why is Fort Worth water replacing cast iron water mains?



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To address frequent main breaks, Fort Worth Water management has committed to replacing a minimum of 20 miles of cast iron pipe every year.

Currently, there are 55 miles of cast iron mains at various stages of design for replacement in fiscal year 2024 and beyond.



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Type the project number, or your street name, in to the search bar on the City of Fort Worth website, <u>www.FortWorthTexas.gov</u>.

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