



COBB FOWLER NORTH TRUNK SEWER IMPROVEMENT PROJECT

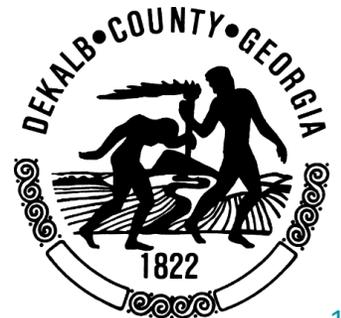
Public Information Open House

Date: August 20, 2024

Project Email : cobbfowlernorthsewer@dekalbcountyga.gov

Project Website : [Cobb Fowler North Trunk Sewer Website](#)

DWM Project Hotline : 1-800-986-1108 (M.-F. 8.30 a.m. – 5 p.m.)



Agenda



Reasons for Project

- Drivers/Needs
- Basis for Cobb Fowler North Project
- Map of Priority Fix Lists (PFLs)
- Condition of Existing Trunk Sewers

Scope Overview

- Cobb Fowler North Trunk Scope Background/Overview
- Impact to Private Properties
- Environmental Impact
- Construction Options
- Project Timeline

Communication Plan

- Virtual Meeting Room/Website
- Method of Communication

Cobb Fowler North Trunk Sewer Improvement Project Background



- DeKalb County - Entered into Modified Consent Decree (MCD) in 2021, Included Specific Projects and Milestones
- The Cobb Fowler North Trunk Sewer Project – One of the main Trunk Sewer lines
- Completion Milestone Under the Current MCD - December 2026
- Cobb Fowler North Trunk - Part of Capital Improvement Project (CIP)
- Sewer Master Plan - Identified Numerous Trunk Sewers that Require to Carry 2050 Projected Flows

DRIVERS/ NEEDS

Excessive I/I
(Inflow/Infiltration)

Aged Infrastructure
(Installed in 1960s)

Growth - Lack of
Capacity

Operational
Efficiencies (Reverse
Slope, Exposed Pipe,
Stream Bank, etc.)

Benefits to Our Shared Environment

- ▶ The County understands the connection between a quality sanitary sewer system and a healthy environment.
- ▶ Eliminating sewer spills from the County's rivers and streams is key to improving our aquatic environment
- ▶ The ecological health of our water resources benefits both the environment and our citizens.



Benefits of the Consent Decree



BENEFITS

JOB CREATION

Priority Area Rehab and Trunk Sewer Projects will:

- ▶ Create an estimated 1,891 jobs from 2021 through 2026.

ALLOW GROWTH AND DEVELOPMENT

New Connections

- ▶ Since 2017, there have been 1,551 requests to connect to the sewer system
- ▶ 379 are pending approval
- ▶ These represent delays to new commercial developments.

PLANNED GROWTH

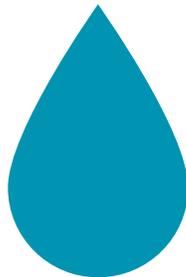
By 2050:

- ▶ Population served to be an estimated 900,000
- ▶ Employment in the County's service area to be approximately 640,000.



SUPPORTING GROWTH & DEVELOPMENT

Sewer connections allow new residents and increased employment



YEAR	SERVICE AREA POPULATION ⁽¹⁾	SERVICE AREA EMPLOYMENT ⁽¹⁾
2020	695,282	514,037
2030	755,525	561,264
2040	832,390	585,634
2050	904,379	637,893
2060	972,697	718,974
2070	1,041,015	773,028

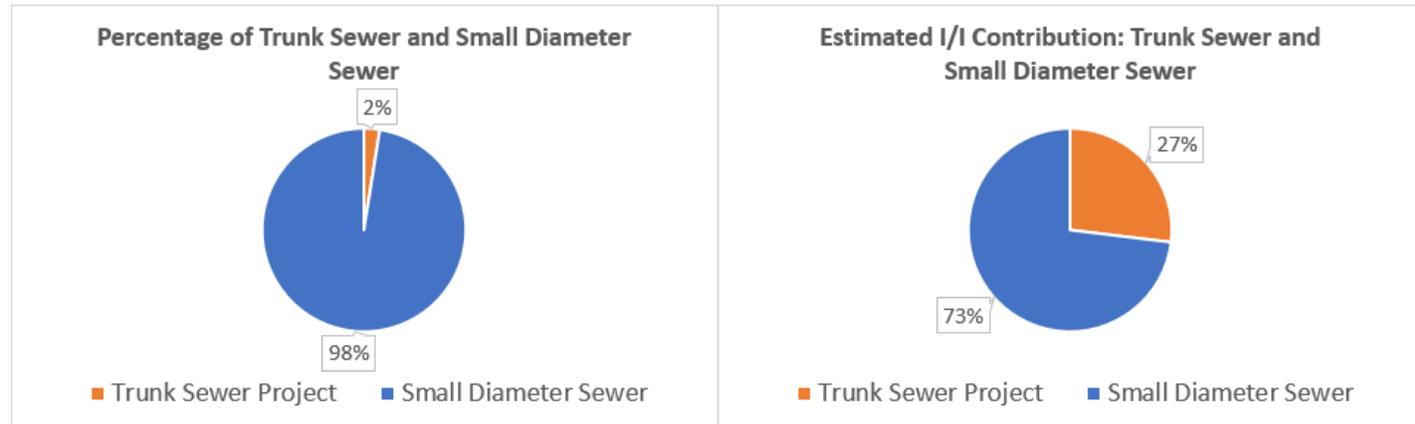
(1) Source: DeKalb County Sewer Master Plan (2020)

Basis for Cobb Fowler North Trunk Sewer Improvement Project



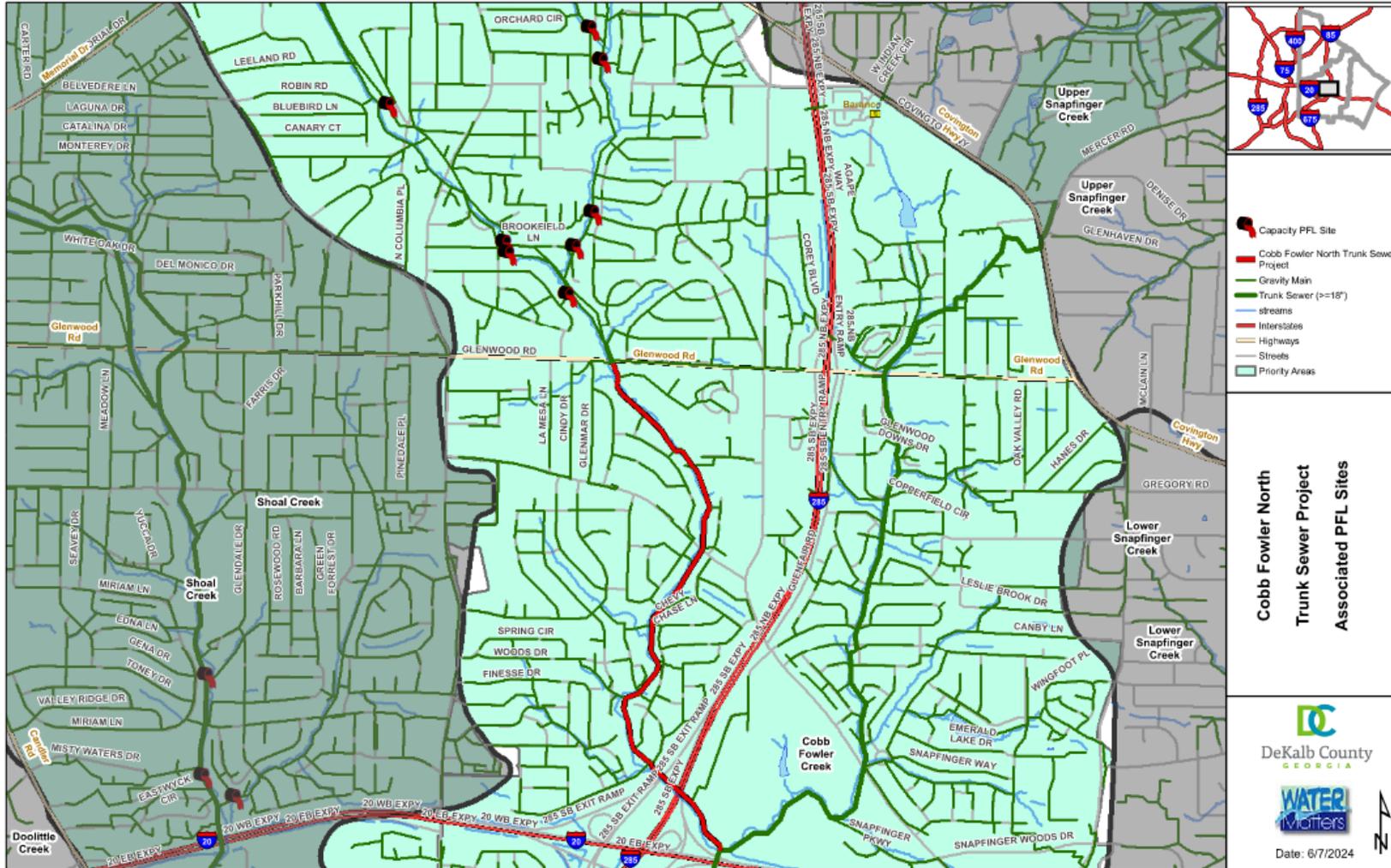
Proposed Solutions:

- **Replacement of Sewer** – Most Effective, Time- Sensitive Approach
- **Reduce I/I, Increase System Capacity** for the next 50-75 Years
- **Existing Sewers** – Poor Conditions – Reverse/Flat Grade, Aerial Creek Crossing, Located in Stream Bank/Wetland
- As a **Result of Comprehensive Rehab Pilot Study** – Not Sufficient to Address Capacity Related SSOs in Shoal Creek without Replacing/Upsizing
- **Delaying** will Result in Continued Spills of Similar or Greater Magnitudes



Cobb Fowler North Trunk Represents Only 2% of Sewer in Cobb Creek Sewershed but Contributes as much as 27% of I/I Within Sewershed, per the Calculation Used in MCD

Map of 8 Priority Fix List (PFL) Sites – Cobb Fowler North



PFL No.	Address
#30	3449 Brookfield Lane
#73	3528 Misty Valley Road
#83	1410-1416, 1422 Cobb Branch Drive
#94	3548 Brookfield Lane
#29	3433 Brookfield Lane
#198	1354 Weston Drive
#197	3273 Pinehill Drive
#200	3423 Tulip Drive

On Average 30 SSOs Occur per Year Spilling an Estimated 150,000 Gallons.

Cobb Fowler North
Trunk Sewer Project
Associated PFL Sites



Date: 6/7/2024

Conditions of Existing Cobb Fowler North Trunk



Partially Exposed Trunk Sewer



Manholes in Creek Bank



Deteriorating Manholes

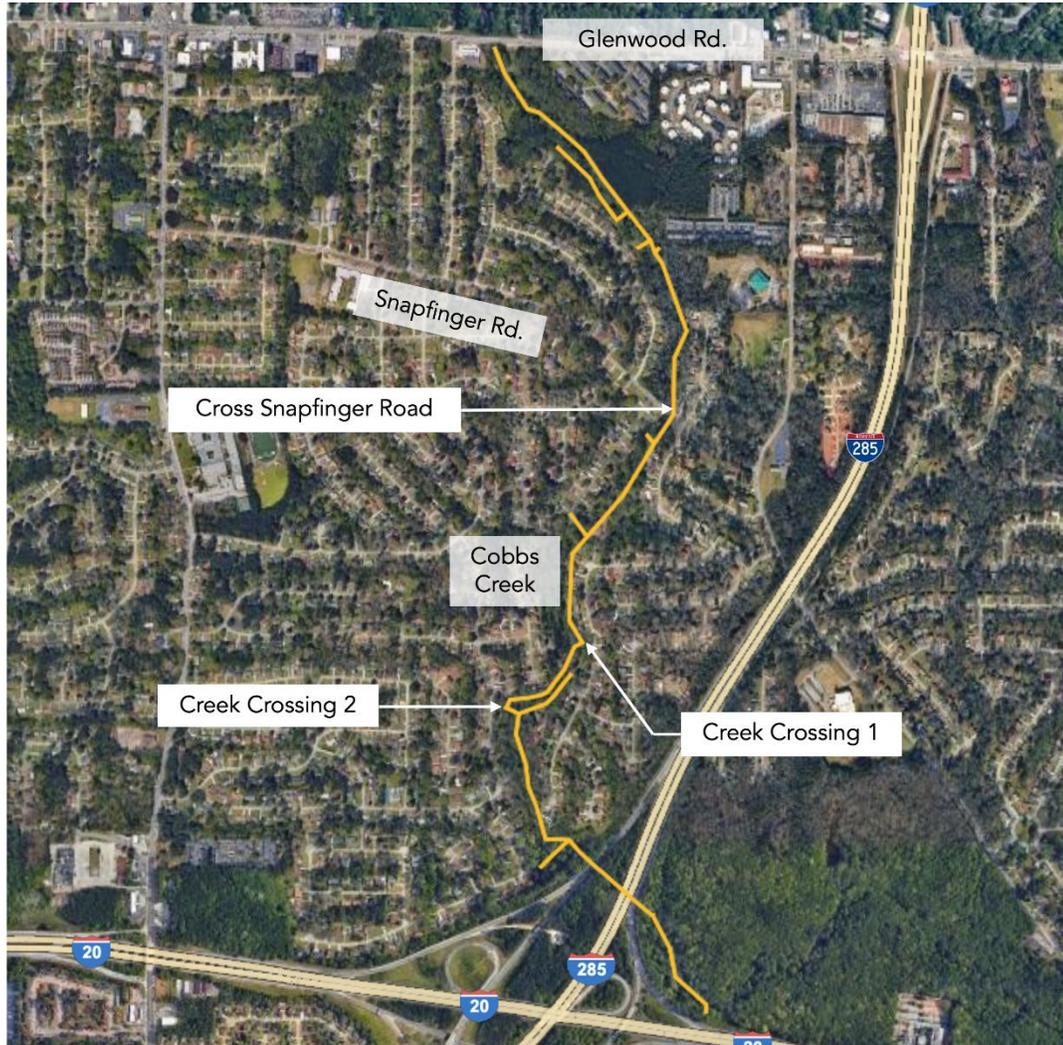


I-285 Crossing



Aerial Branches

Cobb Fowler North Trunk Sewer Improvement Scope Overview



- Total of approximately **10,400 LF**
- Design Engineer: **CDM Smith**
- Existing size: **21” - 24”**, proposed size: **30”**
- One Interstate Crossing (I-285)
- One Road Crossing (Snapfinger Rd)
- Commissioner District 15

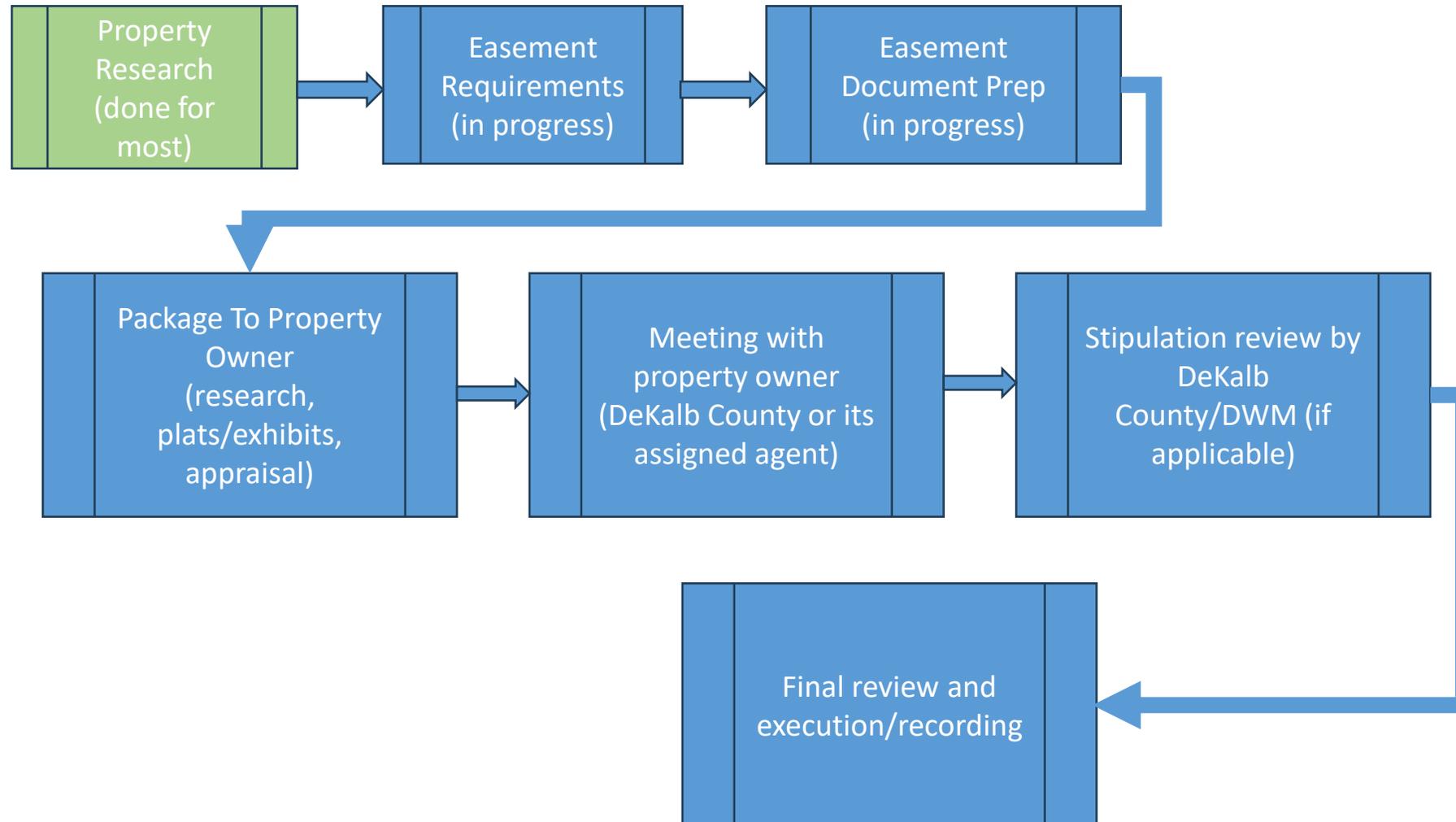
Cobb Fowler North Trunk Sewer Project Impact on Private Properties



Area	No. of Parcels*	Easements Required (20 LF)	Public Properties	Jurisdiction
Cobb Fowler North	70	37	1 GDOT Property	Unincorporated DeKalb

**Approximate No. of Parcels at 60% Design Stage, subject to change with design progress*

Easement Negotiation Process Workflow



Example of Right of Entry Form (ROE) and Easement Plat



RIGHT OF ENTRY (ROE) PERMISSION FORM

Date and Time	
Property Address	
Name (Print) Property Owner	
Phone Number (Home and/or Work) Property Owner	
Name (Print) County or Contractor Employee	
Phone Number County or Contractor Employee	
ROE Tracking Number	

DeKalb County ("County") and/or its contractor will be required to be outside of the County-owned easement area located on or adjacent to your property for sewer line assessment work associated with the **Shoal Creek Trunk Sewer Replacement Project**. The County and/or its contractor will require access to enter the property at _____ (insert address). Your permission will be required for County crews and/or Contractors to perform sewer line replacement outside dedicated easements or rights of way. This project is required by the 2011 Consent Decree and 2021 Modified Consent Decree mandated by the United States Environmental Protection Agency (EPA) and the State of Georgia Environmental Protection Division (EPD). The County is seeking your consent for work to begin on the property at the address noted above.

The County and its contractor(s) are required to restore your property and any authorized improvements back to substantially the same condition once the work is complete. This includes any portion of authorized driveways, fences, and trees, and the potential replacement of any lawn areas with new seed or sod. Excavated material will be used as backfill when possible.

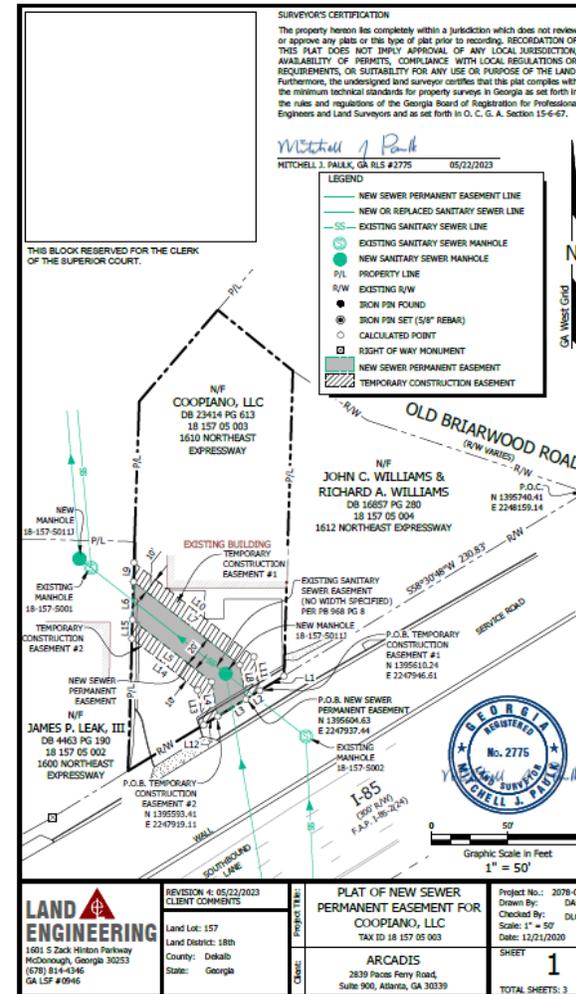
Please note however, that the County will not be responsible for damages to, or replacement of, any irrigation systems, fences, wires, poles, or structures that have been installed either: (1) in the County Right-of-Way in violation of DeKalb County Code Sec.17-6 (see below); or (2) in any County-owned easement area in violation of the terms of such easement.

I, _____ (Property Owner), do hereby give my permission for the County and/or its contractor to enter my property and perform the needed sewer line assessment work. The right of entry will remain in effect until the assessment work is complete.

Signature (Property Owner)	Date
Signature (County Representative/Firm)	Date

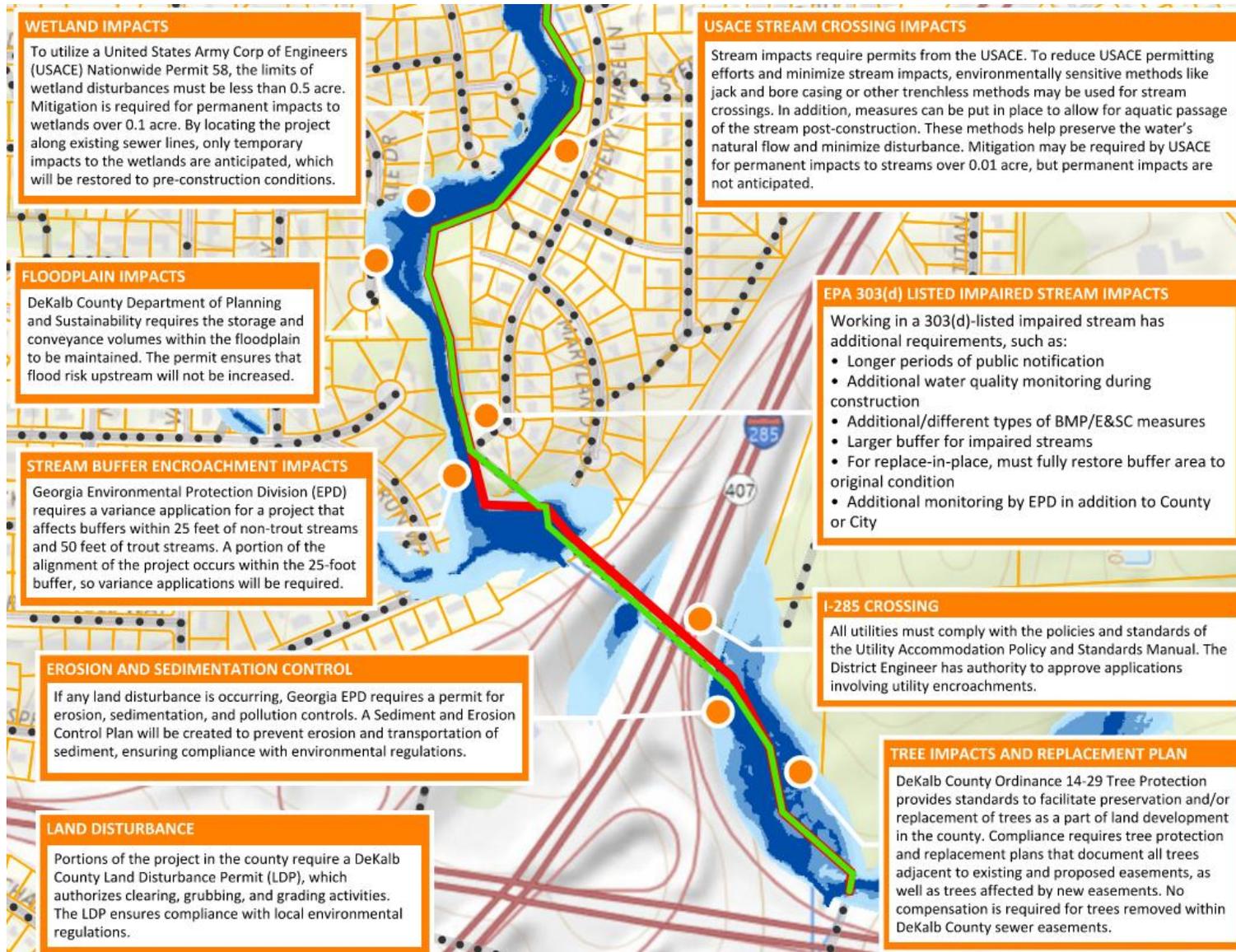
ROE Permission Form Page 2 Attachment 1: Sec. 17-6. - Obstructions to right-of-way. (a) Prohibited. It shall be unlawful for any person to obstruct the right-of-way of any public road, street or other easement in the unincorporated area of the county by placing or maintaining thereon any obstruction, whether it is in the nature of

Example of Right of Entry Form (ROE)



Example of Easement Plat

Environmental Impact



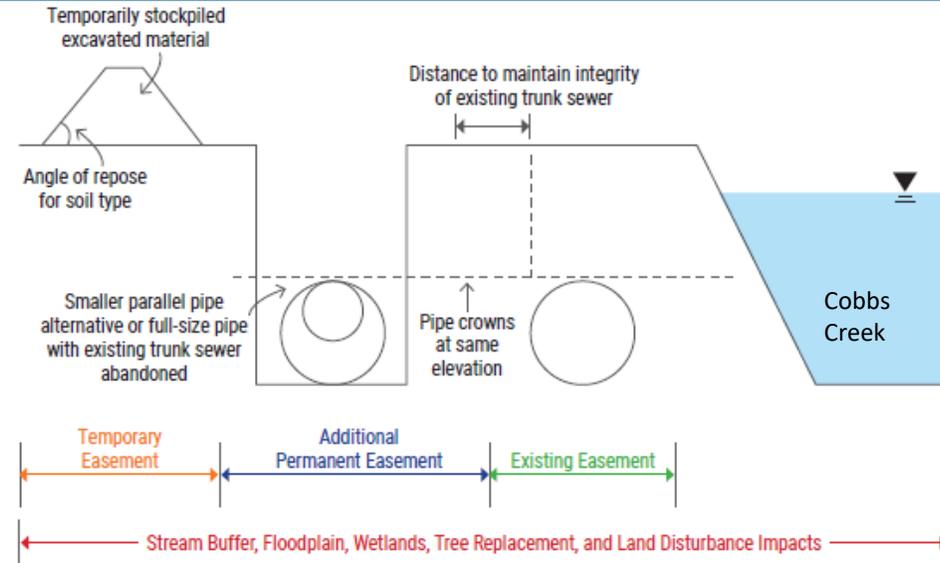
- ### List of Permits
- US Army Corps of Engineers (USACE)
 - GA EPD Stream Buffer Variance
 - GDOT
 - DeKalb County Land Disturbance Permit (LDP)

Cobb Fowler North Trunk Sewer Replacement Options

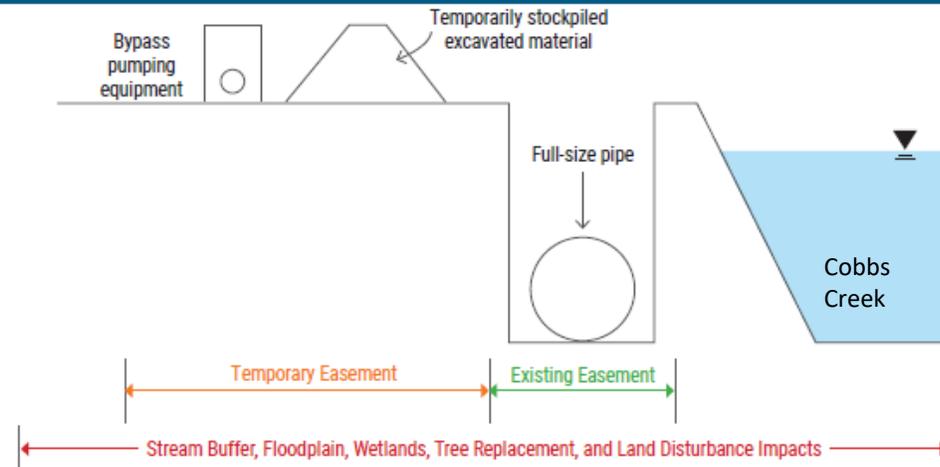


- Replace Pipe in Same Trench
- Install Pipe Parallel to Existing

PARALLEL PIPE INSTALLATION (not to scale)



REPLACE IN-PLACE (not to scale)



Method of Construction



**Open Trench Excavation –
Majority of Cobb Fowler
North Trunk Upsize**

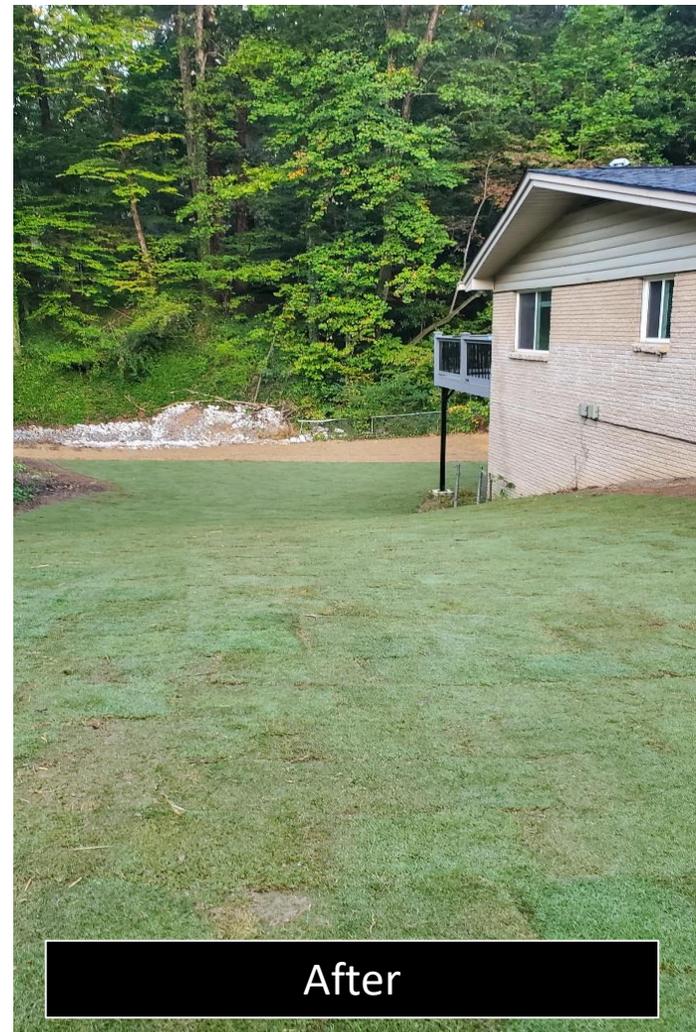


**Jack and Bore and Micro
Tunneling Under Major
Highway/Interstate/GDOT
Crossing**

Site Restoration



Restore In Kind



Cobb Fowler North Trunk Sewer Improvement Project Timeline



**Estimate Schedule*

Design Phase

- **Bid Phase:** Late 2024/Early 2025
- **Bid Duration:** Up to 12 mo.

Construction Phase

- **Warranty Period:** 2028
- **Duration:** 18 mo.



- **NTP:** 4/19/2023
- **Kick Off:** 5/2/2023
- **30% Design:** Nov 2023
- **60% Design:** Feb 2024
- **90% Design:** Aug 2024
- **100% Design:** Sept 2024
- **Easement Acquisition**
- **Permitting**
- **Duration:** Up to 12 mo.

Bid Phase

- **Construction:** 2032 to 2033
- **Duration:** Approx. 1.5 Years
- **Substantial Completion:** Fall 2033
- **Final Completion:** Winter 2033

Post Construction Phase

Website and Virtual Meeting Room



- Interactive Web Access for Project Information
- Reside on DWM website



Link to [Virtual Meeting Room](#)

Method of Communication



NEXTDOR

DeKalb County
DWM Public Relations • 21 hr ago
Cobb Fowler North Trunk Sewer Upsizing Project - Public Information Open House
DECATUR GA

Dear Resident/Homeowner,

As part of DeKalb County's \$2.4 billion capital improvement program, the Department of Watershed Management (DWM) will be improving the capacity and service of the Watershed systems serving your community. The Cobb Fowler North Trunk Sewer Upsizing Project is being designed to improve the watershed system in your community.

This letter serves as a formal invitation to learn more about the Cobb Fowler North Trunk Sewer Upsizing Project. Interact with the project team and provide feedback.

The county confirms and will host one (1) Public Information Open House (PIOH) event about this project.

Meeting Date & Time:
Tuesday, August 20, 2024
4:30 - 6:30 p.m.
Porter Sanford III Performing Arts & Community Center
3181 Rainbow Dr, Decatur, GA 30032

The Cobb Fowler North Trunk Sewer Upsizing Project will address repeat sanitary sewer overflow areas and help meet future sewer demands for the next 50 years. The construction is expected to begin between 2025 and 2026 and last approximately two years, barring any unforeseen circumstances and weather delays.

CDM Smith, working on behalf of DeKalb County, is the engineering and design company for the Cobb Fowler North Trunk Sewer Upsizing Project. Should you have any questions or concerns about this project, please contact the DWM Project Information line at 1-800-986-1108 or email cobbfowlernorthsewer@dekalbcountyga.gov.

We look forward to your attendance and appreciate your support as we work diligently to improve DeKalb County's watershed system.



DOOR HANGERS/FLYERS



August 12, 2024

Subject: Cobb Fowler North Trunk Sewer Upsizing Project – Public Information Open House Event

Dear Resident/Homeowner,

As part of DeKalb County's \$2.4 billion capital improvement program, the Department of Watershed Management (DWM) will be improving the capacity and service of the Watershed systems serving your community. The Cobb Fowler North Trunk Sewer Upsizing Project is being designed to improve the watershed system in your community.

This letter serves as a formal invitation to learn more about the Cobb Fowler North Trunk Sewer Upsizing Project, interact with the project team, and provide feedback.

The county will host **one (1) Public Information Open House (PIOH) event** about this project.

Meeting Date & Time:

Tuesday, August 20, 2024
4:30 – 6:30 p.m.
Porter Sanford III Performing Arts & Community Center
3181 Rainbow Dr
Decatur, GA 30034

The Cobb Fowler North Trunk Sewer Upsizing Project will address repeat sanitary sewer overflow areas and help meet future sewer demands for the next 50 years.

The construction is expected to begin between 2025 and 2026 and last approximately two years, barring any unforeseen circumstances and weather delays.

CDM Smith, Inc. working on behalf of DeKalb County, is the engineering and design company for the Cobb Fowler North Trunk Sewer Upsizing Project. Should you have any questions or concerns about this project, please contact the DWM Project Information line at 1-800-986-1108 or email cobbfowlernorthsewer@dekalbcountyga.gov.

We look forward to your attendance and appreciate your support as we work diligently to improve DeKalb County's watershed system.

770.621.7200 (o)
770.621.7271 (f)
DeKalbCountyga.gov

Watershed Management
1580 Redoxon Drive
Stone Mountain, GA 30087

David E. Hayes, Director

Chief Executive Officer
Michael Thurmond

Board of Commissioners
District 1
Robert Patrick

District 2
Michelle Long Spears

District 3
Larry Johnson

District 4
Stephen Bradshaw

District 5
Merceda Davis Johnson

District 6
Edward "Ted" Terry

District 7
Lorraine Cochran-Johnson

MEDIA RELEASE



MEDIA CONTACTS:

- Andrew Cauthen, Chief Communications Officer, acauthen@dekalbcountyga.gov, 470-553-4408 (c)
- Alicia Pennie, Public Relations Manager, alpennie@dekalbcountyga.gov, 678-858-9488 (c)

FOR IMMEDIATE RELEASE

August 13, 2024

Public Information Open House Event for the Cobb Fowler North Trunk Sewer Project on Aug. 20

DECATUR, Ga.— Efforts to improve the watershed system throughout DeKalb County continue with the design of the Cobb Fowler North Trunk Sewer Project.

The county will host a Public Information Open House event about this project on Tuesday, Aug. 20, from 4:30 to 6:30 p.m., at Porter Sanford III Performing Arts & Community Center, 3181 Rainbow Dr., Decatur, GA 30032.

The Cobb Fowler North Trunk Sewer Upsizing Project will address repeat sanitary sewer overflow areas and help meet future sewer demands for the next 50 years. The construction is expected to begin between 2025 and 2026 and last approximately two years, barring any unforeseen circumstances and weather delays.

CDM Smith, working on behalf of DeKalb County, is the engineering and design company for the Cobb Fowler North Trunk Sewer Upsizing Project.

For more information about the Cobb Fowler North Trunk Sewer Upsizing Project and its upcoming open house, contact the DWM Project Information Line at 1-800-986-1108 or email cobbfowlernorthsewer@dekalbcountyga.gov.

- Notification Letter/Doorhanger
- News Release
- Website
- NextDoor – to targeted stakeholders
- Media Relations
- Social Media
- Project Fact Sheet (English and Spanish version)
- Frequently Asked Questions, FAQ (English and Spanish version)

Questions

