



NORTH FORK/ SOUTH FORK PEACHTREE CREEK TRUNK SEWER UPSIZING PROJECT

Public Information Open House

Date: June 4, 2024

Project Email : nfpcsfpcsewer@dekalbcountyga.gov

Project Website : [North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing](#)

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



Agenda



Reasons for Project

- Drivers/Needs
- Problems/Proposed Solutions
- Basis for North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project
- Condition of Existing Trunk Sewers

Scope Overview

- North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project Scope Background/Overview
- Impact to Private Properties
- Environmental Impact
- Project Timeline

Communication Plan

- Virtual Meeting Room/Website
- Method of Communication

North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project



- DeKalb County - Entered into Modified Consent Decree (MCD) in 2021, Included Specific Projects and Milestones
- The North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project– Critical Path
- Completion Milestone Under the Current MCD - December 2027
- 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:

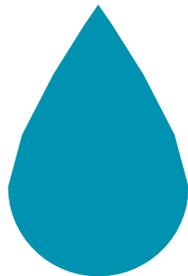
- ▶ Population served to be an estimated 900,000
- ▶ Employment in the County's service area to be approximately 640,000.



SUPPORTING GROWTH & DEVELOPMENT

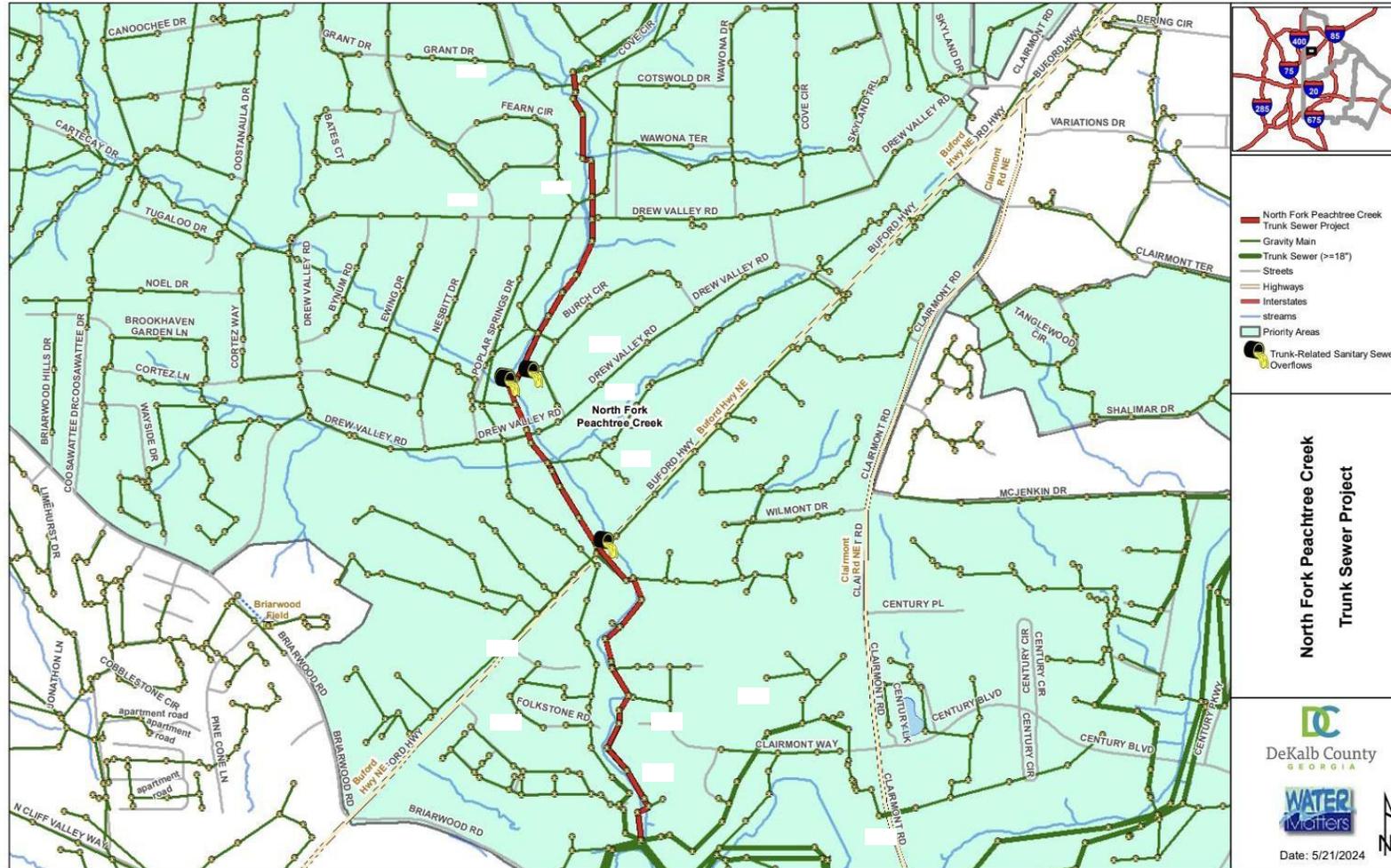
Sewer connections allow new residents and increased employment

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)

SSO Sites – North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project



NFPC

- 5 SSOs totaling 13,996 gallons
 - 2017 – 2 SSOs totaling 5,700 gal
 - 2019 – 1 SSO totaling 5,266 gal
 - 2020 – 1 SSO totaling 3,000 gal
 - 2024 – 1 SSO totaling 30 gal

SFPC

- 0 SSOs

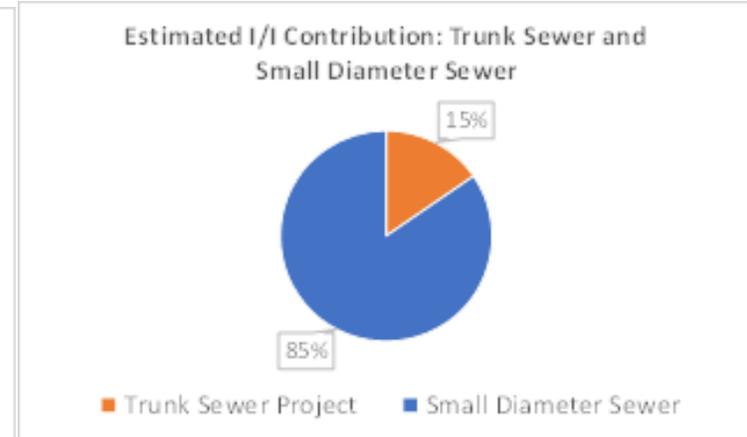
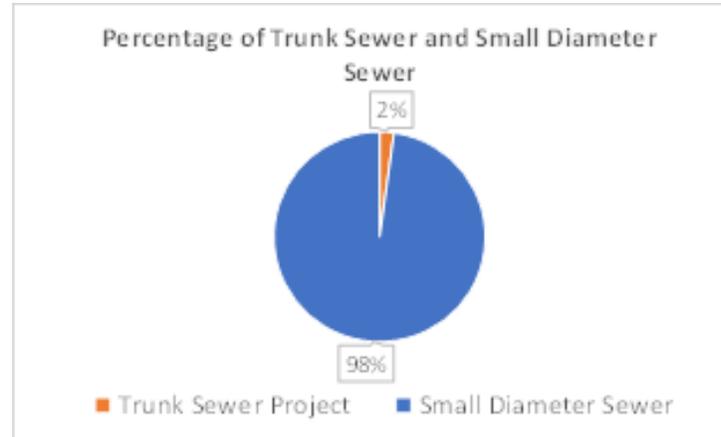
Basis for North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project



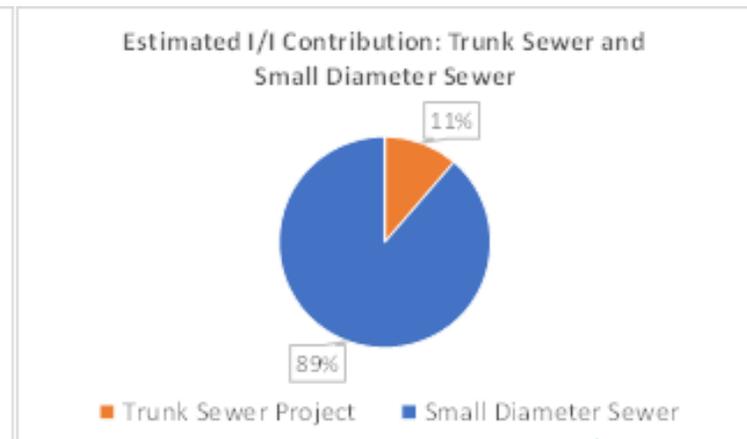
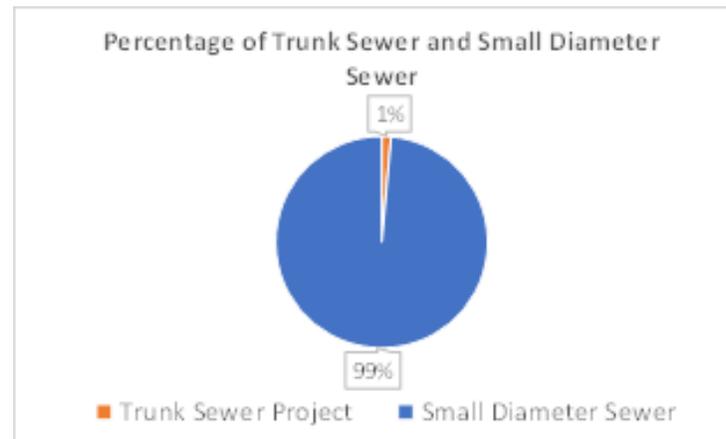
Proposed Solutions:

- **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
- **Delaying** will Result in Continued Spills of Similar or Greater Magnitudes

NFPC



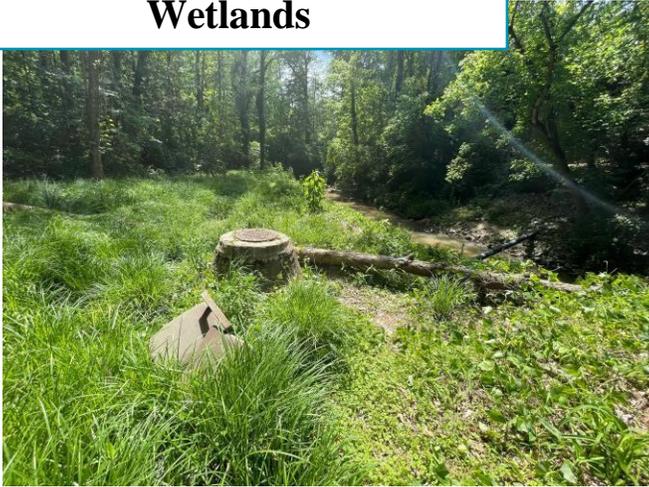
SFPC



Conditions of Existing North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project



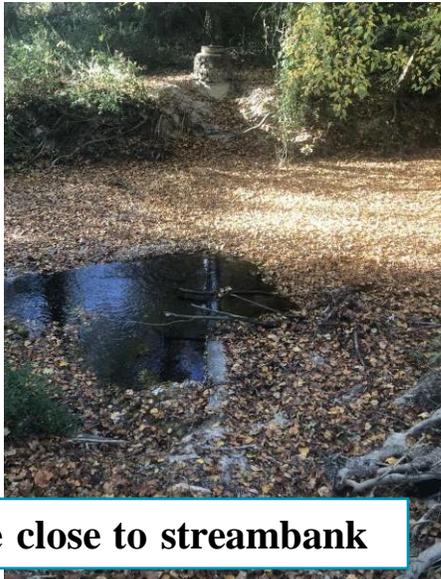
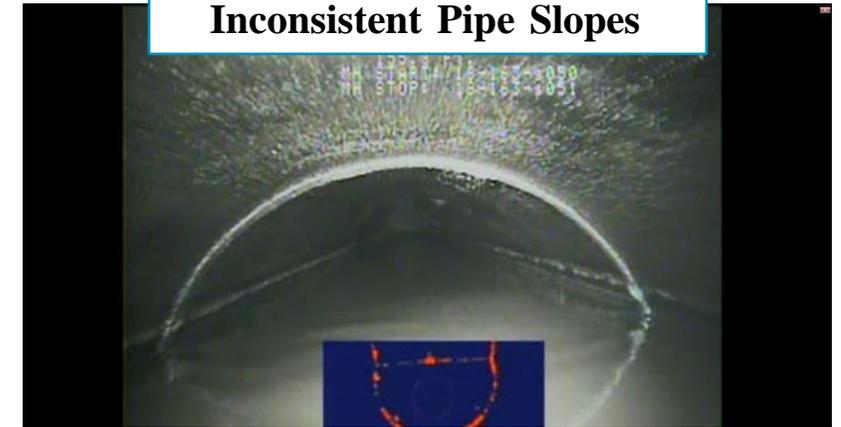
Wetlands



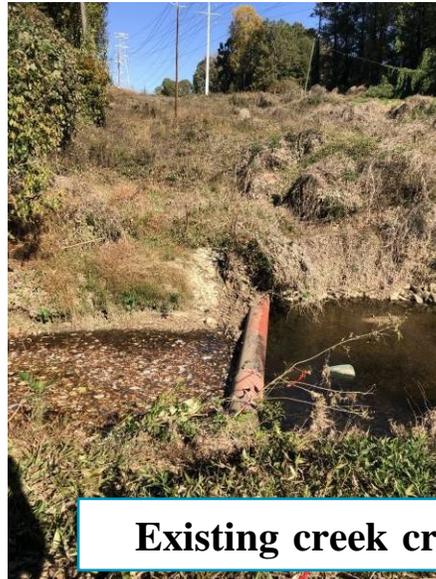
Manhole Overview Pipe



Inconsistent Pipe Slopes

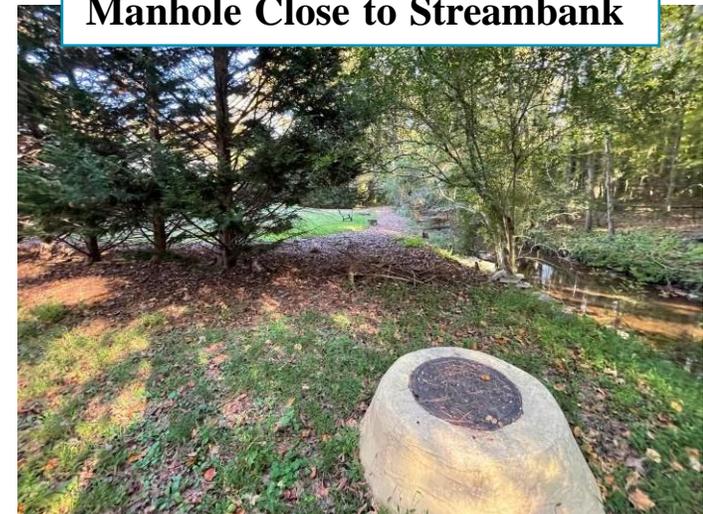


Manhole close to streambank

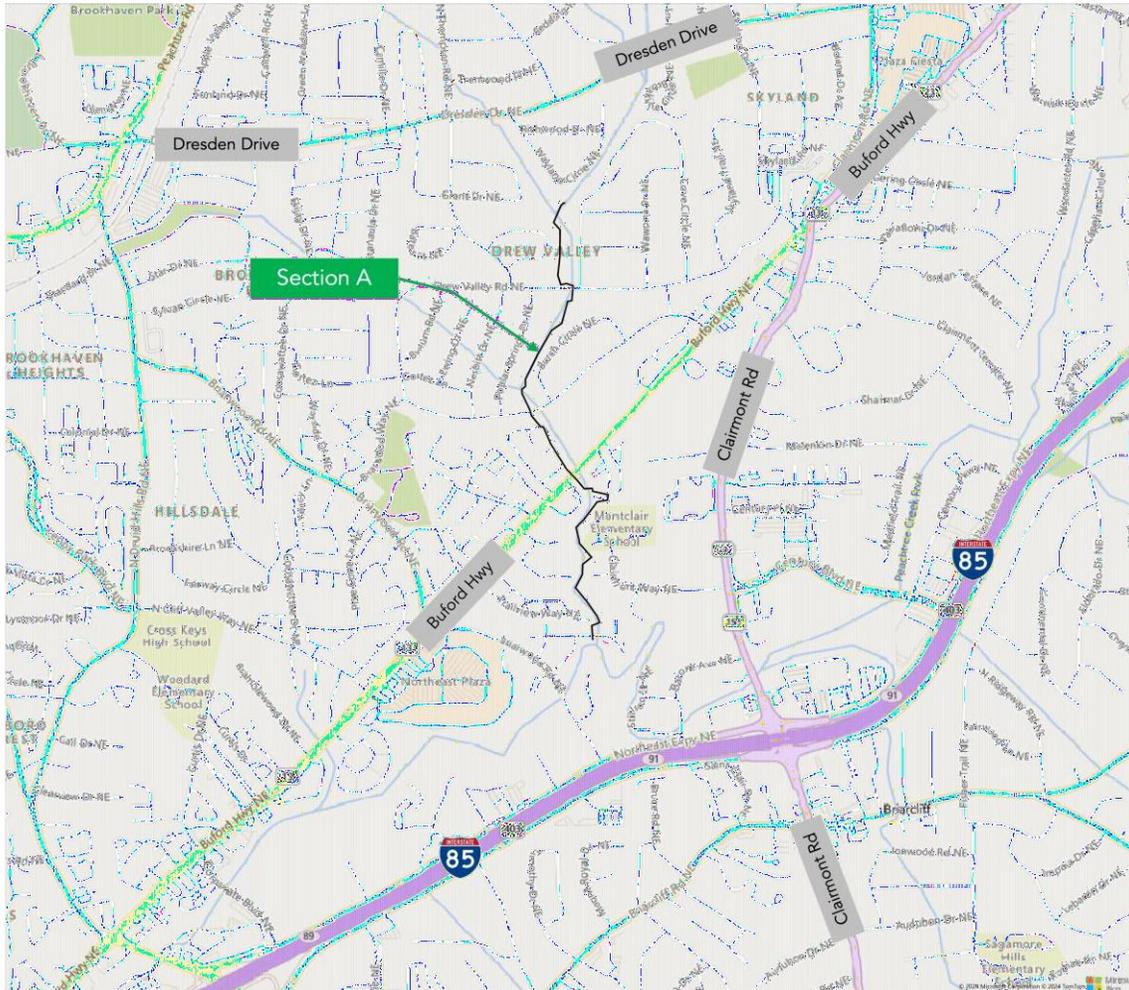


Existing creek crossing

Manhole Close to Streambank

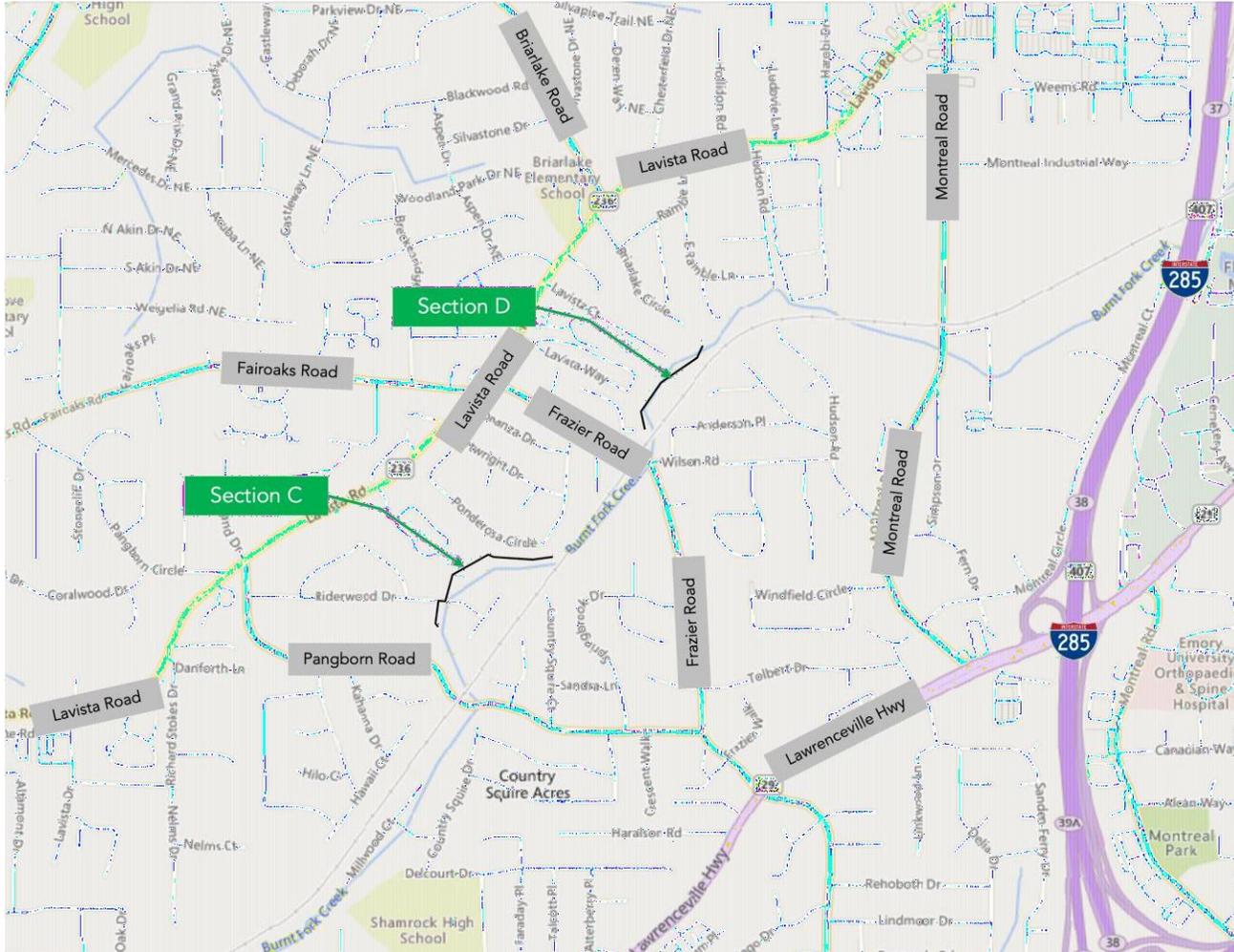


North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project Scope Overview



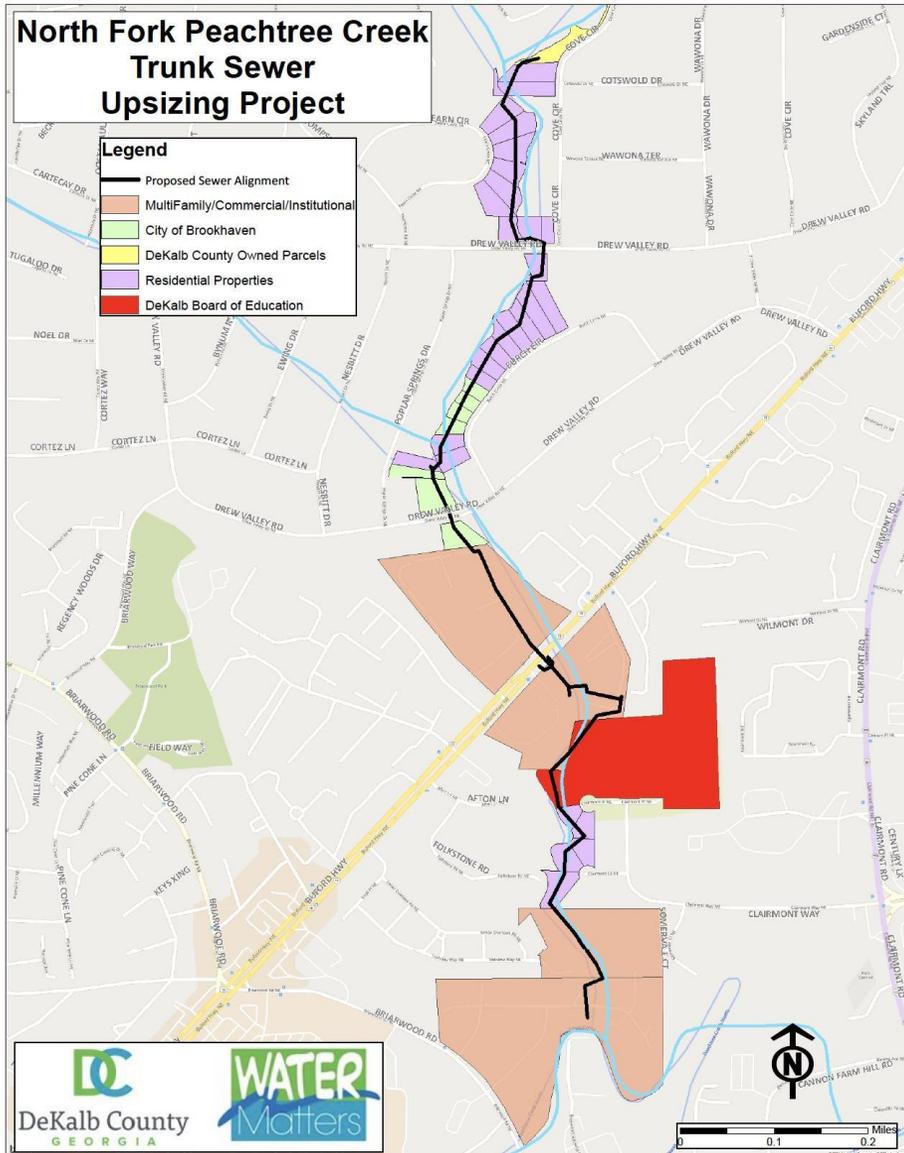
- Total of approximately **9,725 LF (~1.85 miles)**
- Design Engineer: **Barge Design Solutions**
- Existing size: **4” - 22”**, proposed size: **6” - 30”**
- Consist of 3 Sections:
 - **Section A:** *From at the confluence of Peachtree Creek North Fork and one of its tributaries immediately north of Briarwood Road NE to east of the intersection of Cotsworld Drive and Cove Circle.*
 - **Section C:** *From south of Riderwood Drive to south of Ponderosa Circle.*
 - **Section D:** *From east of Wilsons Crossing Court to east of Briarlake Circle.*
 - **One Highway Crossing (Buford Highway)**
- **Commissioner District 2**

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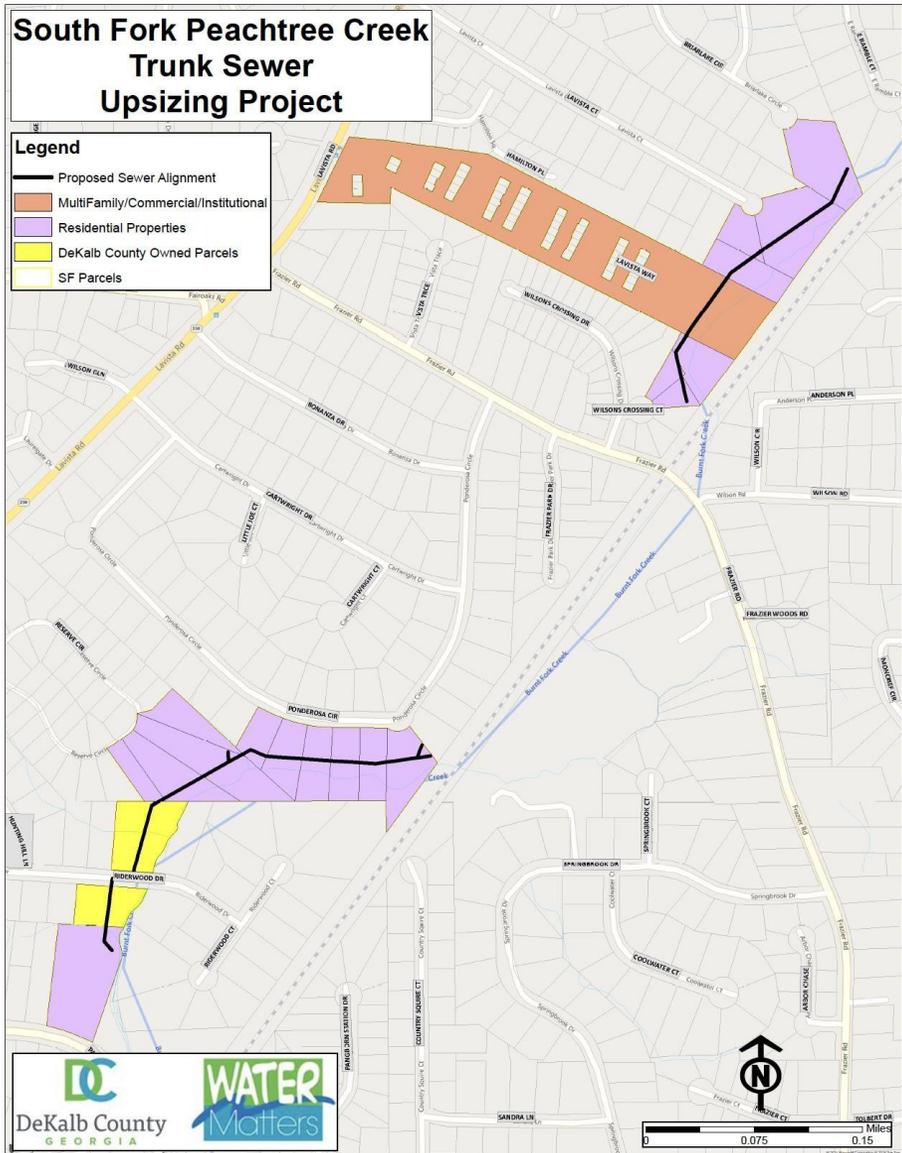
North Fork/ South Fork Peachtree Creek Trunk Sewer Upsizing Project Impact on Private Properties



Sections	No. of Parcels*	Existing Easement (10-20 LF)**	DeKalb County Properties	Jurisdiction
Section A	43	2	1 DeKalb Property	City of Brookhaven
Section C	13	0	2 DeKalb Property	Unincorporated DeKalb
Section D	9	0	--	Unincorporated DeKalb
TOTAL	65	2		

*Approximate No. of Parcels at 90% Design Stage
 **Available existing easements are currently being researched

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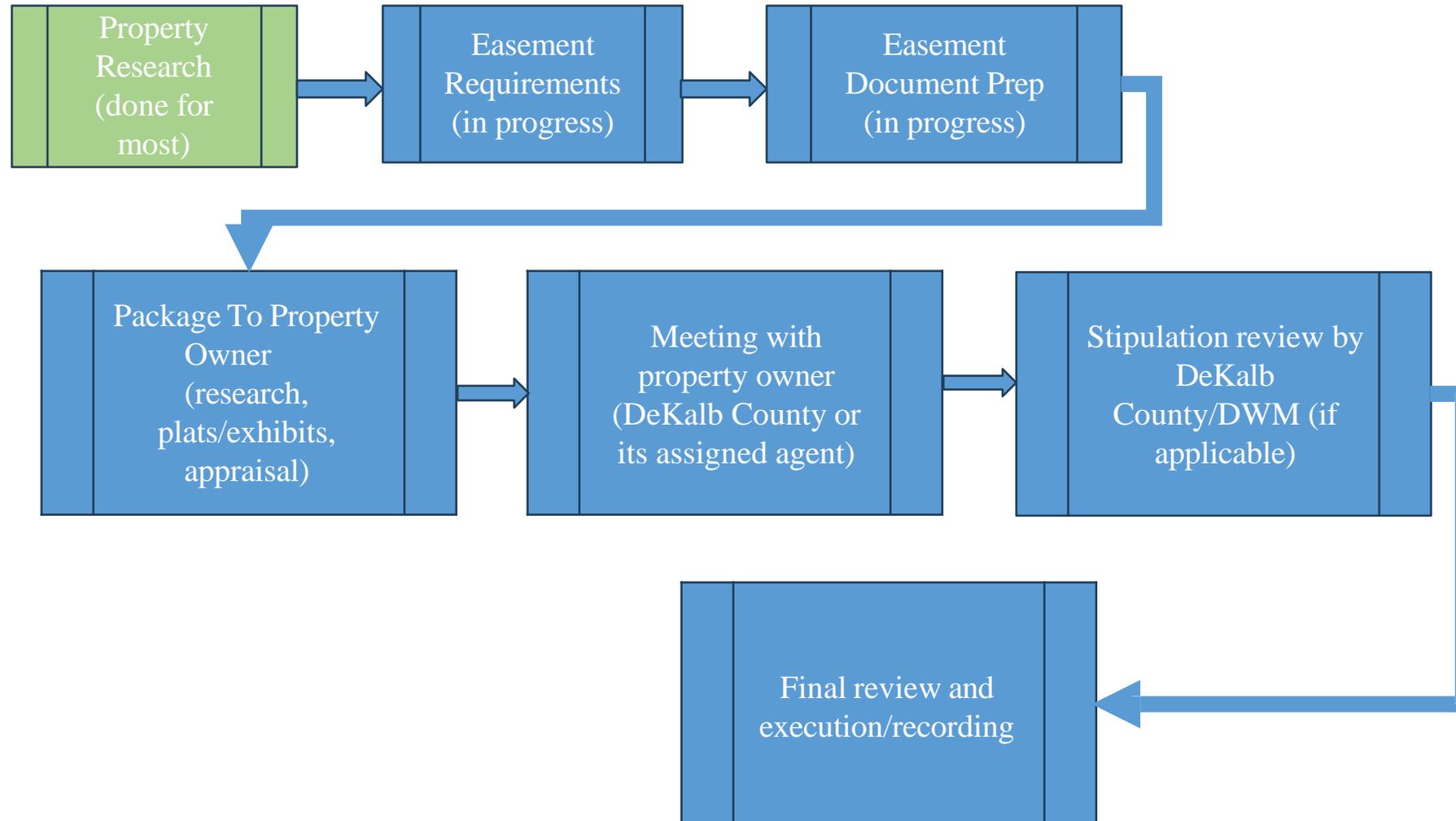


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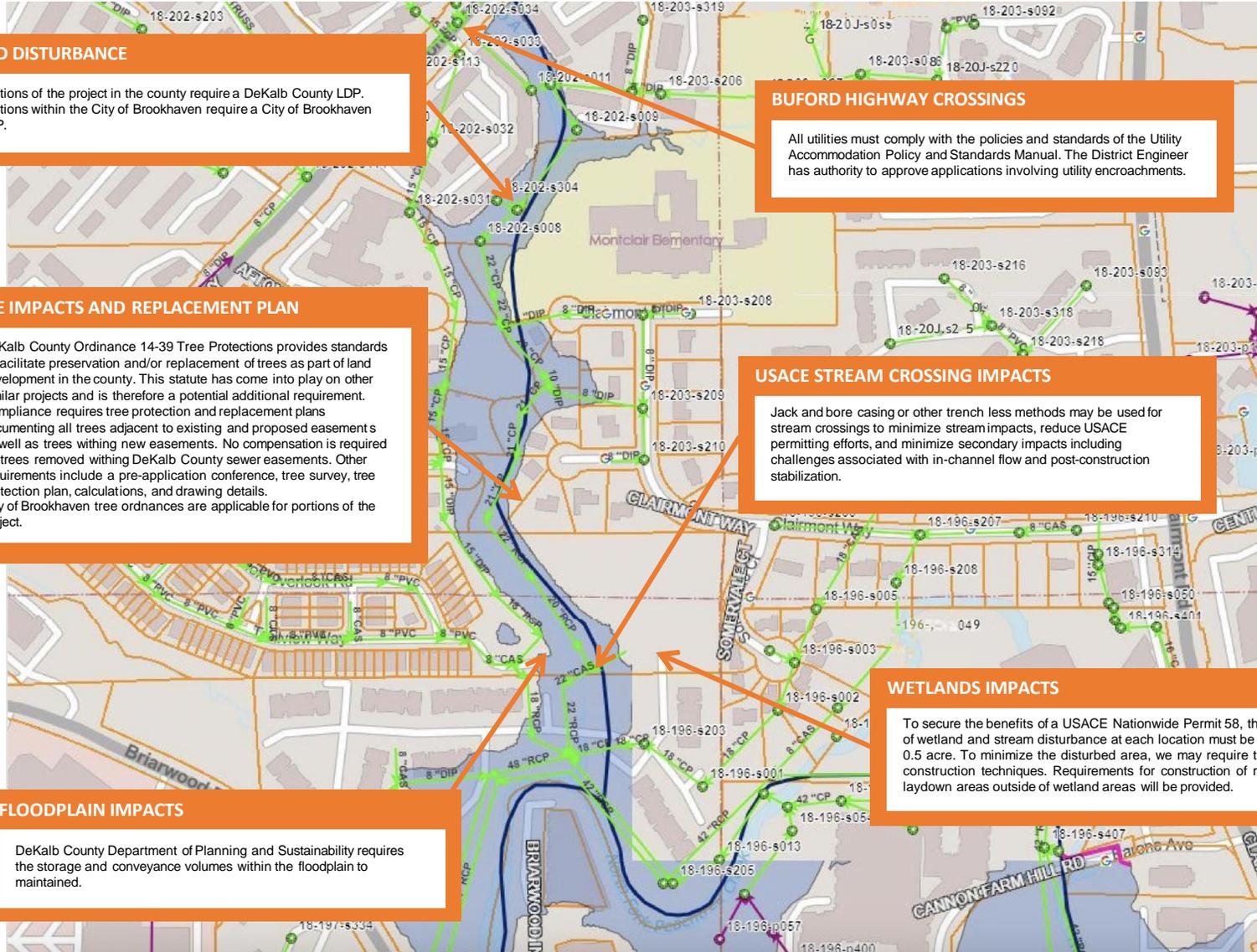
*Approximate No. of Parcels at 90% Design Stage

**Available existing easements are currently being researched

Easement Negotiation Process Workflow



Environmental Impact



LAND DISTURBANCE

Portions of the project in the county require a DeKalb County LDP. Portions within the City of Brookhaven require a City of Brookhaven LDP.

BUFORD HIGHWAY CROSSINGS

All utilities must comply with the policies and standards of the Utility Accommodation Policy and Standards Manual. The District Engineer has authority to approve applications involving utility encroachments.

TREE IMPACTS AND REPLACEMENT PLAN

DeKalb County Ordinance 14-39 Tree Protections provides standards to facilitate preservation and/or replacement of trees as part of land development in the county. This statute has come into play on other similar projects and is therefore a potential additional requirement. Compliance requires tree protection and replacement plans documenting all trees adjacent to existing and proposed easements as well as trees within new easements. No compensation is required for trees removed within DeKalb County sewer easements. Other requirements include a pre-application conference, tree survey, tree protection plan, calculations, and drawing details. City of Brookhaven tree ordinances are applicable for portions of the project.

USACE STREAM CROSSING IMPACTS

Jack and bore casing or other trench less methods may be used for stream crossings to minimize stream impacts, reduce USACE permitting efforts, and minimize secondary impacts including challenges associated with in-channel flow and post-construction stabilization.

WETLANDS IMPACTS

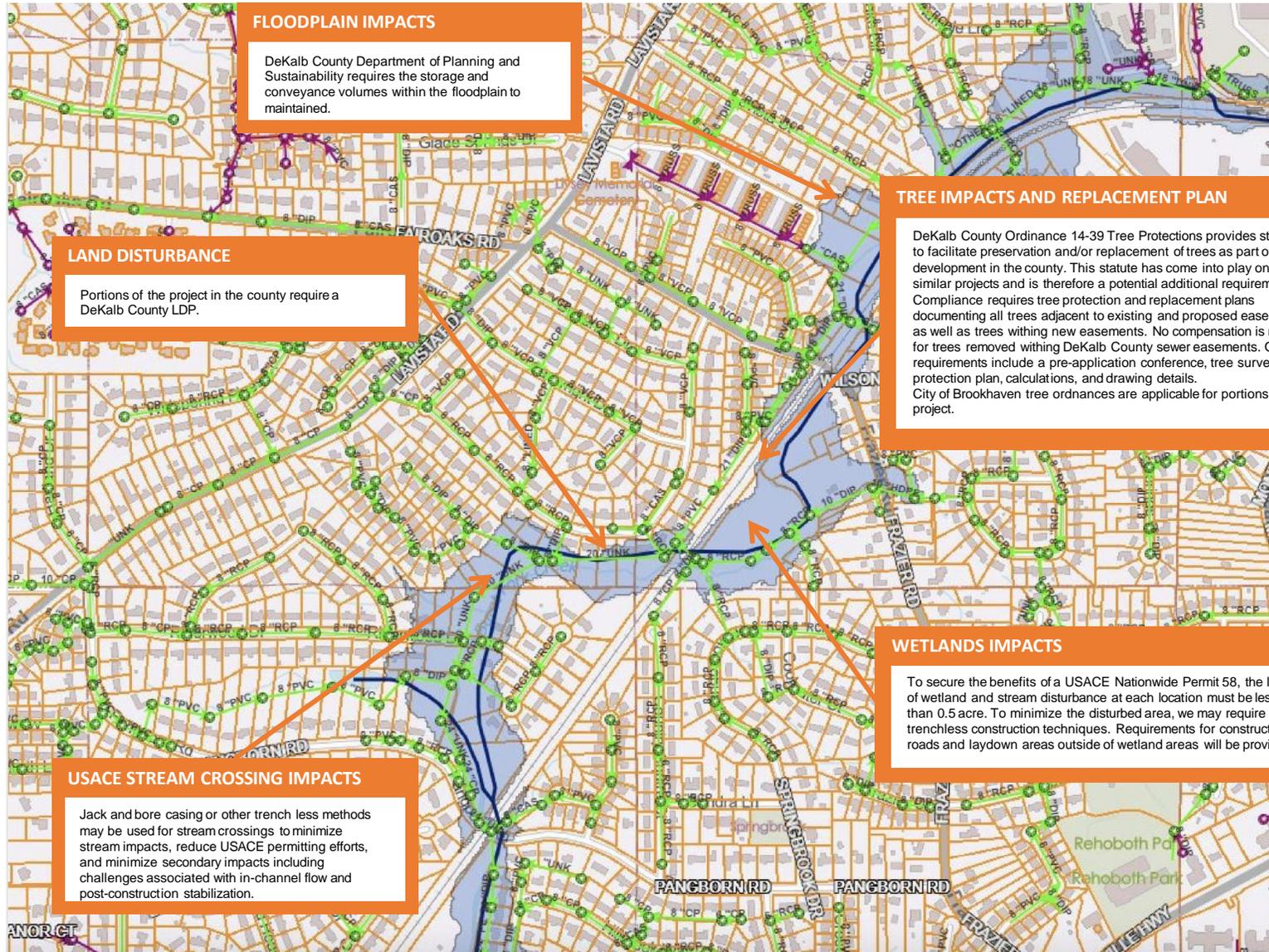
To secure the benefits of a USACE Nationwide Permit 58, the limits of wetland and stream disturbance at each location must be less than 0.5 acre. To minimize the disturbed area, we may require trenchless construction techniques. Requirements for construction of roads and laydown areas outside of wetland areas will be provided.

FLOODPLAIN IMPACTS

DeKalb County Department of Planning and Sustainability requires the storage and conveyance volumes within the floodplain to be maintained.

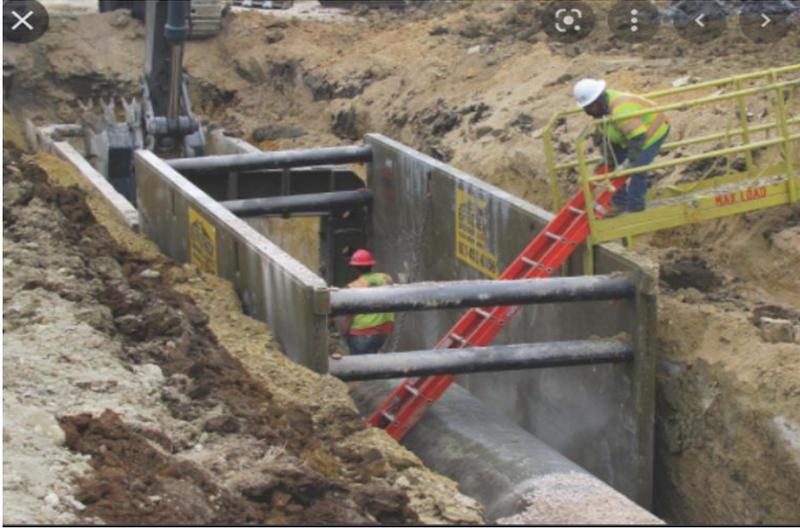
- List of Permits**
- GA EPD – Stream Buffer Variance
 - USACE – Nationwide Permit
 - City of Brookhaven – LDP
 - DeKalb County – LDP

Environmental Impact



- ### List of Permits
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 - DeKalb County – LDP

Method of Construction



**Open Trench Excavation –
Majority of North Fork/
South Fork Peachtree
Creek Trunk Sewer Upsize**



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

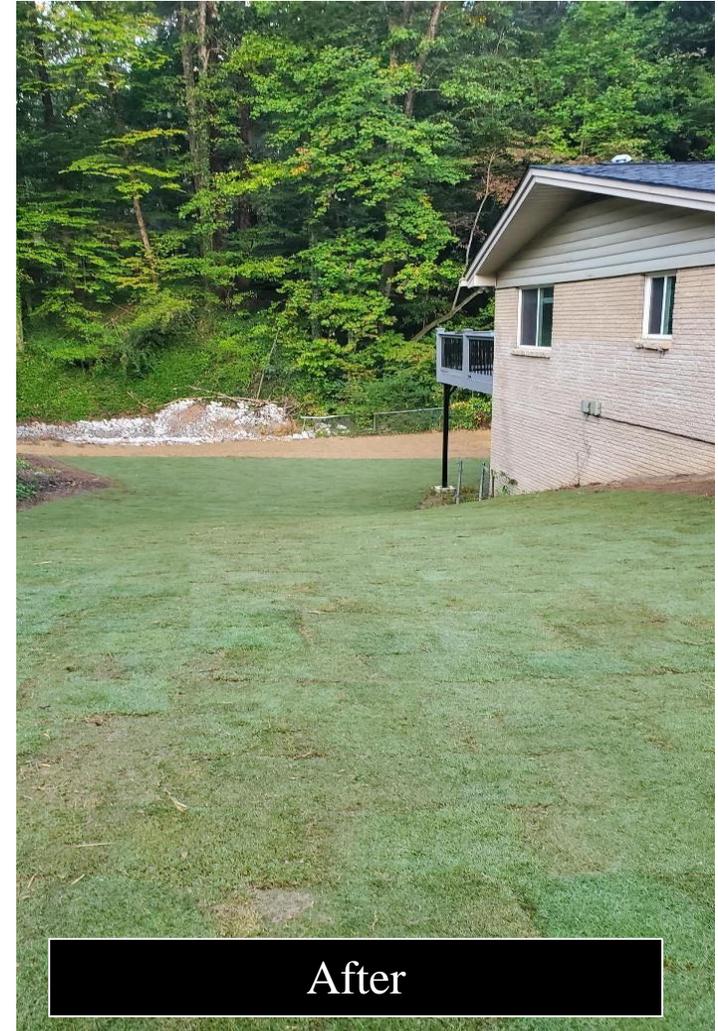
Site Restoration



Before



Restore In
Kind



After

North Fork/South Fork Peachtree Creek Trunk Sewer Upsizing Project Timeline



**Estimate Schedule*

Design Phase

- **Bid Phase:** Mid 2025
- **Bid Duration:** Up to 12 mo.

Construction Phase

- **Warranty Period:** 2028
- **Duration:** 12 mo.



- **NTP:** March 8, 2023
- **Kick Off:** March 20, 2023
- **30% Design:** September 2023
- **60% Design:** February 2024
- **90% Design:** April 2024
- **100% Design:** June 2024
- **Easement Acquisition**
- **Permitting**
- **Duration:** Up to 24 mo.

Bid Phase

- **Construction:** 2032
- **Duration:** Approx. 1 Year
 - NFPC Section A
 - SFPC Section C
 - SFPC Section D
- **Substantial Completion:** 2032
- **Final Completion:** June 2032

Post Construction Phase

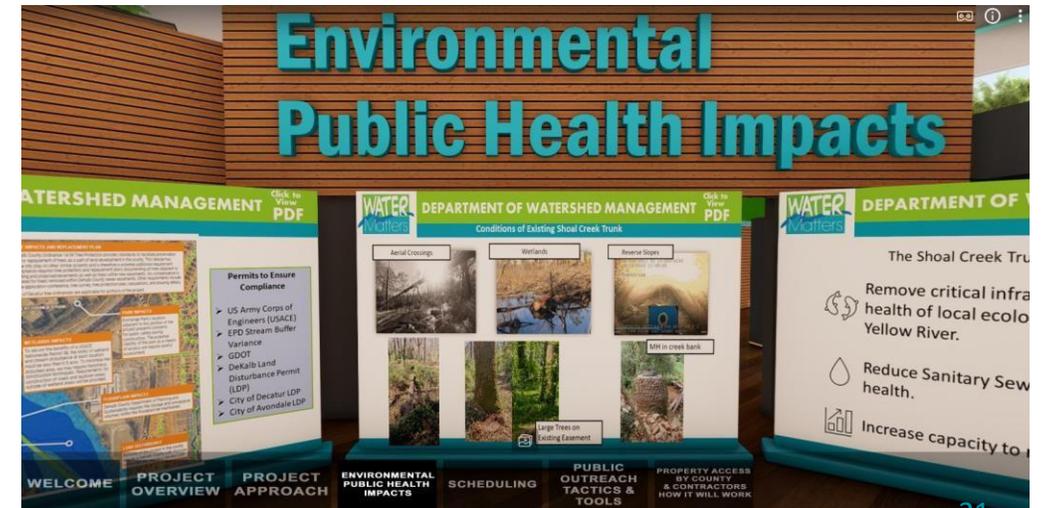
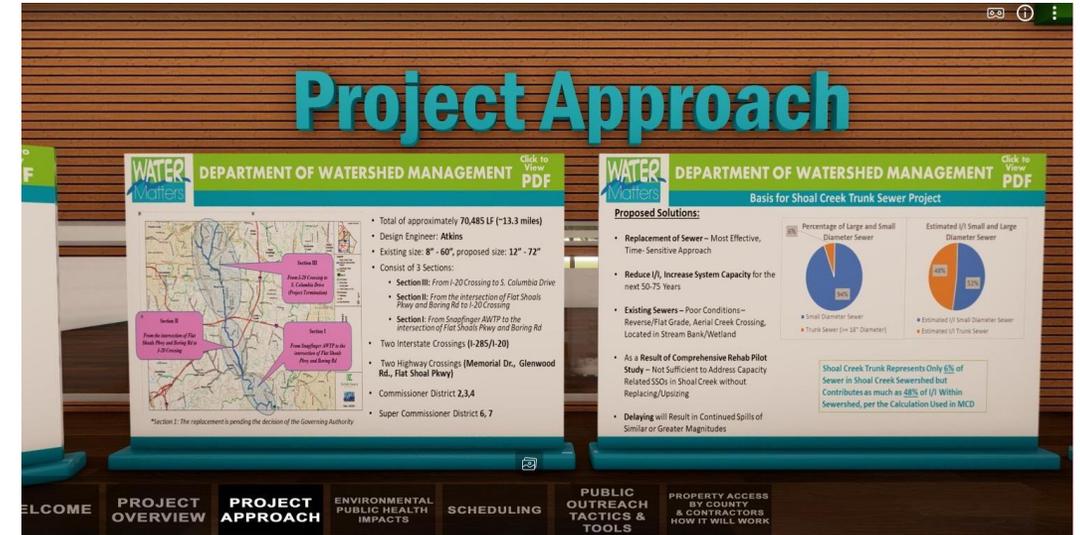
Website and Virtual Meeting Room



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



[Link to Virtual Open House](#)



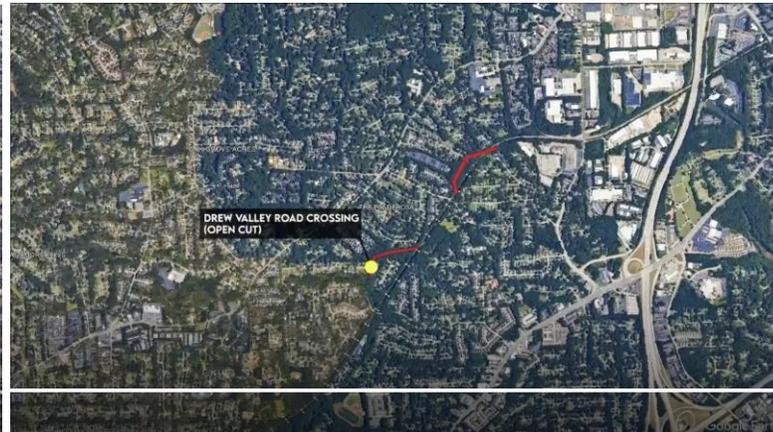
Visualization Capabilities (Available on Website)



Virtual Map Tour video



Critical Project Area Points



[Link to Virtual Map Tour](#)

Method of Communication



NEXTDOOR

Subject: DWM and contractors will hold a Public Information Open House event for a new trunk sewer project design. The event will take place June 4.

Audience: Residents and Businesses of Decatur

- 2262 Bark Circle, Atlanta, GA 30319
- 2265 Drew Valley Road, Atlanta, GA 30319
- 1620 Spivey Circle, Atlanta, GA 30332
- 2466 Cove Circle, Atlanta, GA 30319
- 2784 Inglewood Road, Decatur, GA 30018
- 2622 Ridewood, Decatur, GA 30033
- 1579 Revenue Circle, Decatur, GA 30033
- 2887 Pendergrass Circle, Decatur, GA 30033

DECATUR, GA

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 North Fork and South Fork Peachtree Creek Trunk Sewer Upsizing Project is being designed to improve the watershed system in your community.

Please join the department to learn more about the North Fork and South Fork Peachtree Creek Trunk Sewer Upsizing Project. Interact with the project team and provide feedback.

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

Meeting Date, Time & Location:

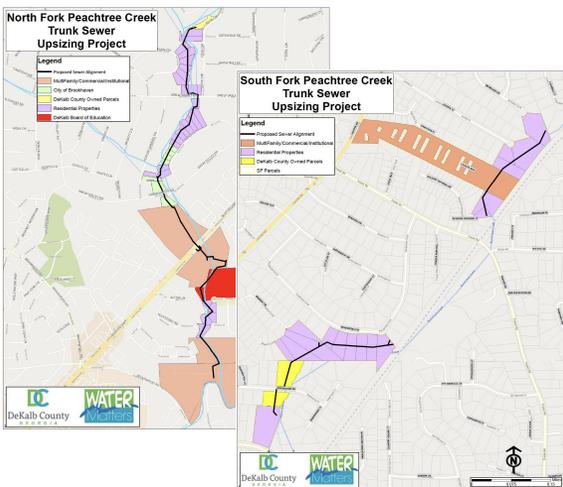
Tuesday, June 4
4:30 - 6:30 p.m.
Central DeKalb Senior Center
1346 McConnell Drive
Decatur, GA 30033

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

Construction is expected to begin in 2024 and last approximately three years (February 2024 to June 2027), barring any unforeseen circumstances and weather delays.

BARGE Design Solutions, working on behalf of DeKalb County, is the engineering and design company for the North Fork and South Fork Peachtree Creek 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 projectinfo@dekalbcountyga.gov.

DWM looks forward to your attendance and appreciates your support as we work diligently to improve DeKalb County's watershed system.



DOOR HANGERS/FLYERS



June 4, 2024

Subject: Public Information Open House Event for North Fork / South Fork Peachtree Creek Trunk Sewer Upsizing Project

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 North Fork / South Fork Peachtree Creek 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 North Fork / South Fork Peachtree Creek 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:

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BARGE Design Solutions working on behalf of DeKalb County, is the engineering and design company for the North Fork / South Fork Peachtree Creek 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 nfscfb-sewer@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 Goodfellow Drive
Stone Mountain, GA 30083
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
Mercede 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, apennie@dekalbcountyga.gov, 678-858-9488 (c)

FOR IMMEDIATE RELEASE

May XX, 2024

Public Information Open House Event for the North Fork and South Fork Peachtree Creek Trunk Sewer Upsizing Project on June 4

DECATUR, Ga.— Efforts to improve the watershed system throughout DeKalb County continue with the design of the North Fork and South Fork Peachtree Creek Trunk Sewer Upsizing Project.

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

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

Questions

