



SHOAL CREEK TRUNK SEWER IMPROVEMENT PROJECT PHASE I

Community Meeting

Tuesday, May 19, 2026 @ 6:30 P.M.





WELCOME AND INTRODUCTIONS

Mr. Kerry Williams, P.E., PMP

Deputy Director of Engineering and Construction Management Services
(ECMS)

GREETINGS

District 3 - Commissioner Nicole Massiah
Super District 7 – Commissioner LaDena Bolton

MEETING AGENDA



DEPARTMENT OF WATERSHED OVERVIEW:

Mr. Kerry Williams, P.E., PMP, Deputy Director - ECMS

THE PROBLEM:

Mr. Kerry Williams, P.E., PMP, Deputy Director – ECMS

PROJECT SCOPE OVERVIEW:

Ms. Tiffany Simpson, Engineer Senior - ECMS

THE SOLUTION & COMMUNITY AWARENESS:

Ms. Cassandra Marshall, CCM, PMP, Assistant Director - CIP

CONSTRUCTION OVERVIEW:

Mr. Wendell Brown, Construction Project Manager Senior

PUBLIC COMMUNICATIONS:

Ms. Alicia T. Pennie, Public Relations Manager

QUESTIONS

• WHAT WE DO...

- Serve approximately 700,000+ DeKalb County residents
- Treat up to 128 Million Gallons per Day (MGD) finished drinking water/day
- Distribute ~70 MGD/day of safe drinking water
- Treat up to 56 MGD treated wastewater per day
- Maintain over 5,000 miles of water distribution and sanitary sewer collection piping

Intake river water from the environment

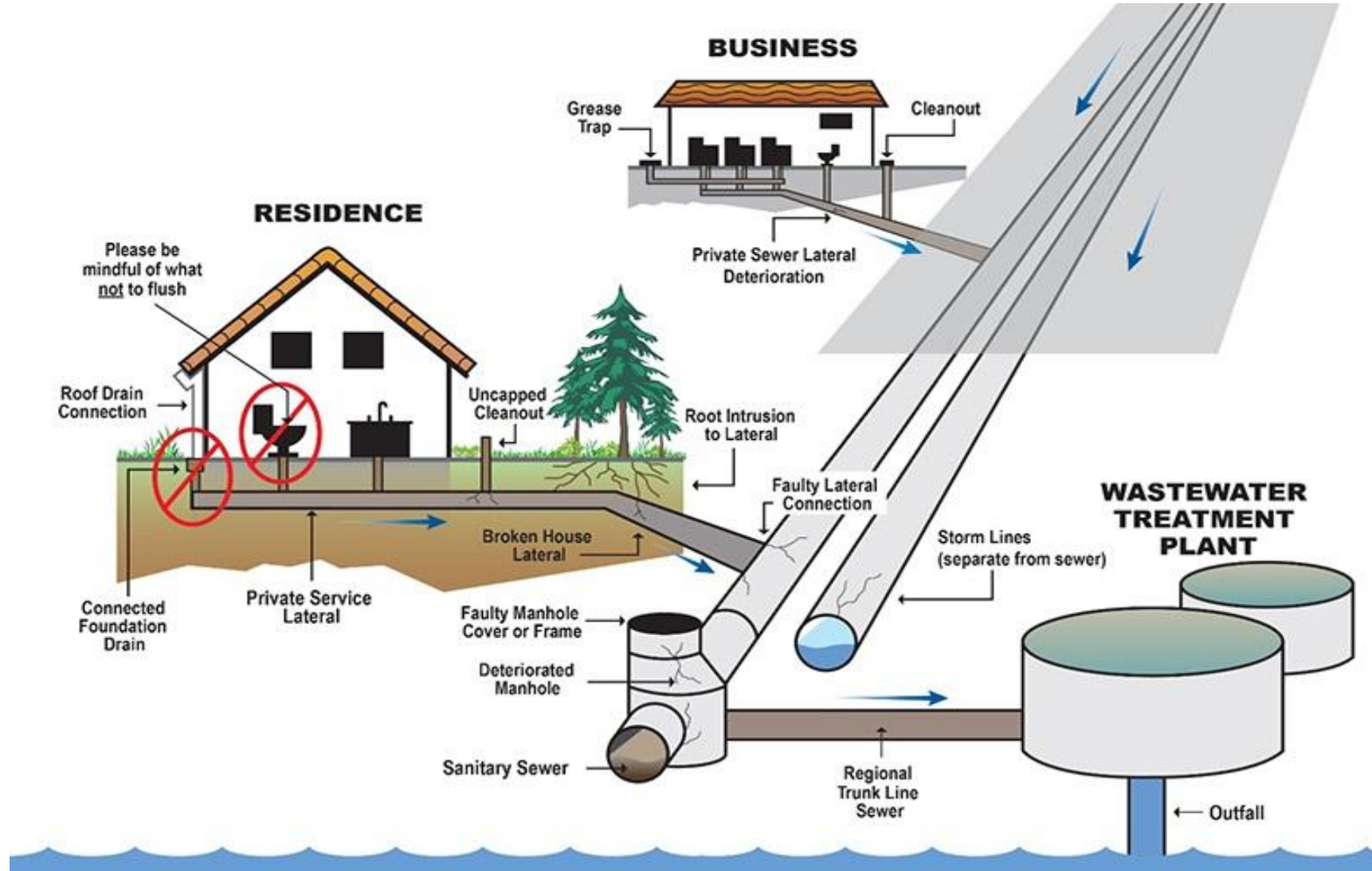
Treat and produce safe, clean drinking water

Distribute drinking water to customers

Collect wastewater from customers

Treat wastewater and return to the environment

WASTEWATER SYSTEM OVERVIEW: WHAT'S A GRAVITY SEWER?



WHY IS DEKALB COUNTY REPLACING AND/OR REPAIRING SEWER LINES?



DeKalb County Department of Watershed Management's Engineering and Construction Management Division is leading the effort to repair and replace the county's aging infrastructure. These repairs will:



TEAM INTRODUCTIONS



DeKalb County Department of Watershed Management
Engineering and Construction Management will lead a team of
Engineers, Inspectors and Contractor Crews.



THE PROBLEM

Priority Fix List (PFL) Sites

- 13 PFL Sites in this area
- Experiences 34 SSOs Per Year, Spilling Avg.
3.4 Million Gallon Per Year

Excessive I/I
(Inflow/Infiltration)

Aged
Infrastructure

Installed in 1960's

Operational
Efficiencies

Reverse Slopes
Exposed Pipes
Stream Bank Erosion

HISTORY OF CAPACITY RELATED SSO'S



- Shoal Creek associated with 13 Priority Fix List (PFL) Sites as Defined in MCD
- Per MCD – PFL Sites Need Adequately Fixed by Dec 2027
- These PFL Sites – Significant History of Capacity Related Sanitary Sewer Overflows

PFL No.	Address	Total SSOs ⁽¹⁾	Total Estimated SSO Volume
4	DEERWOOD DRIVE	3	121,550
11	MELANIE COURT	31	1,930,800
21	MIRIAM LANE	29	2,020,409
26	THRASHER CIRCLE	29	1,131,953
27	BORING ROAD	18	1,542,090
32	PANTHERSVILLE ROAD	2	12,260
40	FLAKES MILL ROAD	21	6,385,669
41	FLAT SHOALS PARKWAY	7	381,608
90	FAIRLEE DRIVE	11	1,056,907
91	TONEY DRIVE	7	414,280
95	PANTHERSVILLE ROAD	7	1,867,397
136	WARBLER DRIVE	12	2,009,669
160	SOUTH COLUMBIA	8	17,590
Total =		185	18,892,182

(1) - SSO Occurrences since 2017



PROJECT SCOPE

Ms. Tiffany Simpson, Engineer Senior
Watershed - ECMS

Shoal Creek Improvement Project – All Sections



Where is the Project?



The commissioner districts covered by this project include 1, 3, 4, and super districts 6 and 7.

This project begins at the Snapfinger Creek AWTF and extends north through unincorporated DeKalb County and into the incorporated areas of Decatur and Avondale Estates. The primary components include:

- Replacing and/or upgrading of approximately 13 miles of gravity sewer ranging in diameters from 12 to 72 inches.
- Crossing underneath Interstate 20 and Interstate 285 connection of numerous existing residents and businesses.
- Removing aged infrastructure from adjacent stream banks.

The project is divided into three sections:

- Section 1: Snapfinger Creek AWTF to Flat Shoals Parkway
- Section 2: Flat Shoal Parkway to Interstate 20
- Section 3: Interstate 20 to South Columbia Drive

Shoal Creek Trunk Sewer Improvement Section I

Scope Overview



MULTI YEAR PROJECT

TOTAL PROJECT LENGTH = 3.5 YEARS

- Installation of 19,755 LF of 72" DIA. pipe by means various means and methods from Snapfinger AWTP to Flat Shoals Parkway
- Existing pipe sizes range from 36" to 60" DIA.
- Capacity driven issues due to population growth
- Project requirements is based on carrying 2050 projected flows. Current population is 760,000. 2050 population is estimated to be around 900,000.
- Shoal Creek Phase I is the critical path to meeting the Modified Consent Decree

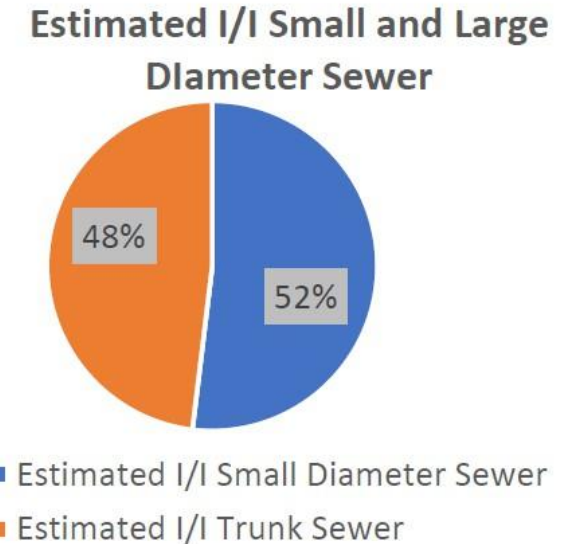
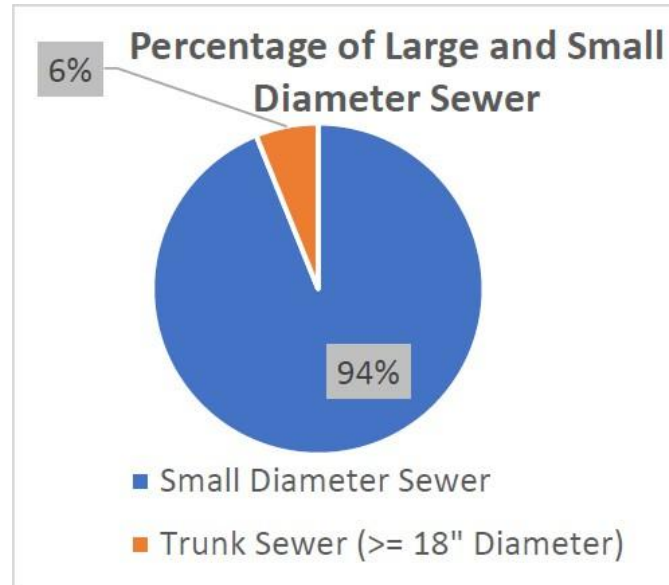


Basis for Shoal Creek Sewer Improvement Project



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



Shoal Creek Trunk Represents only 6% of Sewer in Shoal Creek Sewershed but contributes as much as 48% of I/I within Sewershed, per the calculation used in MCD

THE SOLUTION & COMMUNITY AWARENESS

Ms. Cassandra M. Marshall, CCM, PMP
Assistant Director – Capital Improvement Projects

CAPITAL IMPROVEMENT PROJECT OVERVIEW



- What is a Capital Improvement Project (CIP)?
 - A project that helps maintain or improve an asset.
 - The new construction or replacement of an infrastructure.
- In 2025, the Board of Commissioners approved a new CIP for \$4.27 billion dollars for projects to be completed from 2025 to 2034.
 - The Shoal Creek Sewer Improvement Project Phase 1 is a \$51 million project that is included in that plan.
- The CIP Team is responsible for executing the work done after the engineering has been completed.



COMMUNITY AWARENESS



- What to Expect
 - Construction Traffic (Both Foot Traffic And Vehicles)
 - Construction Deliveries
 - Construction Parking - limited
 - Heavy Construction Equipment
- Safety and Security
 - Noise Increased
 - Back Up Alarms (Safety Mechanism)
 - Delineating Construction Zones
 - County contractors and employees will have a County issued badge
- Work Hours
 - 7 a.m. – 7 p.m.
 - Coordination throughout on specific streets affected during construction
- Environmental Protection
 - Minimize dust control and dirt on streets
 - Keep silt out of the waters of the State by installing silt fence



COMMUNITY AWARENESS



- Construction signage will be clearly and carefully placed to alert community of streets affected by construction
- Contractor will also have vehicles on site marked with either a company logo or a DeKalb County contractor sign



DeKalb County
GEORGIA

Lorraine Cochran-Johnson
Chief Executive Officer

Board of Commissioners

District 1
Robert Patrick

District 2
Michelle Long Spears

District 3
Nicole Massiah

District 4
Chakira Johnson

District 5
Mercede Davis Johnson

District 6
Edward "Ted" Terry

District 7
LaDena Bolton



DEKALB COUNTY
DEPARTMENT OF WATERSHED MANAGEMENT

SPRING 2026 – SPRING 2029
**SHOAL CREEK TRUNK SEWER
IMPROVEMENT PROJECT
SECTION I**

The Department of Watershed Management (DWM) will be
improving the capacity and service of the water systems
serving your community.

- STARTS – Flakes Mill Road
- ENDS – Boring Road

www.dekalbwatershed.com 1.800.986.1108 projectinfo@dekalbcountyga.gov

DEKALB COUNTY WATERSHED



CONTRACTOR

COMMUNITY AWARENESS



- Laydown Area/Employee Parking
 - 4210 Flakes Mill Road
 - Employees will be trucked into the construction site
 - Area will have a chain link security fence
- 1 pipe installation crew start at the Snapfinger Plant
- Other contractors will be performing various activities throughout the duration of the contract
 - Clearing
 - Tunnels
 - Access road building
- Pipe strung along easement
- Restoration done as the pipe installation/testing is completed
- Access through properties will have a longer duration
- Owner's office location: 4535 Flat Shoals Pkwy



SHOAL CREEK TRUNK SEWER IMPROVEMENT CONSTRUCTION OVERVIEW

Mr. Wendell Brown

Construction Project Manager Senior

Shoal Creek Sewer Improvement Project Construction Overview

- Boots on the ground
- Responsible for construction activities
 - Ensuring that erosion and sedimentation controls are in place
 - Ensuring proper installation of pipe
 - Handle customer complaints
 - Coordination with other municipalities
 - Ensuring safety measures are followed



Duration of the Project: 42 Months



SHOAL CREEK SEWER PHASE I SEWER IMPROVEMENT PROJECT

- Community Meeting – May 19, 2026
- Mobilization – May 25, 2026
- Flag Limits of Disturbance – Week of May 25, 2026
- Pre-construction Videos – Week of June 1, 2026
- Flakes Mills Tunnel Mobilization – June 8, 2026
- Flakes Mills Tunnel Installation – June 15, 2026
- Installation of Bypass Pumps – July 2026
- Test Drilling for Rock – July 2026
- Pre-blast Surveys – August 2026
- Waldrop Road Tunnel Mobilization – August 17, 2026
- Waldrop Tunnel Installation – August 24, 2026
- Pipe Installation – Sept 2026 to December 2028
- Restoration – done concurrent after installation
- Final Completion – December 2028



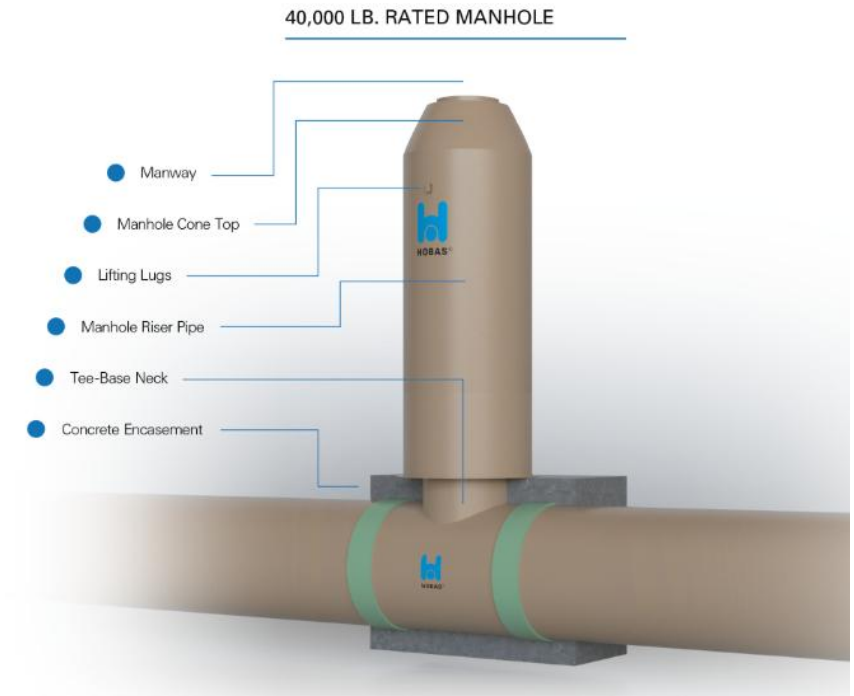
**All dates are weather and site condition dependent.*

METHODS OF CONSTRUCTION



Open Cut Trench Excavation – Majority of Scope

- Traditional method for sewer construction, repair, or replacement.
- Most economical method of construction to achieve the County's desired results for gravity sewer.
- Provides the service best suited to the scope of this project.



METHODS OF CONSTRUCTION



Hand Mine Tunneling Under Flakes Mill Road and Waldrop Drive

- Manual excavation method where workers use hand tools to dig out through the tunnel face
- Most cost effective for shorter runs of tunnel installation.
- As the excavation progresses, permanent supports (liner plates) are installed.
- Excavated materials is hauled out by carts.

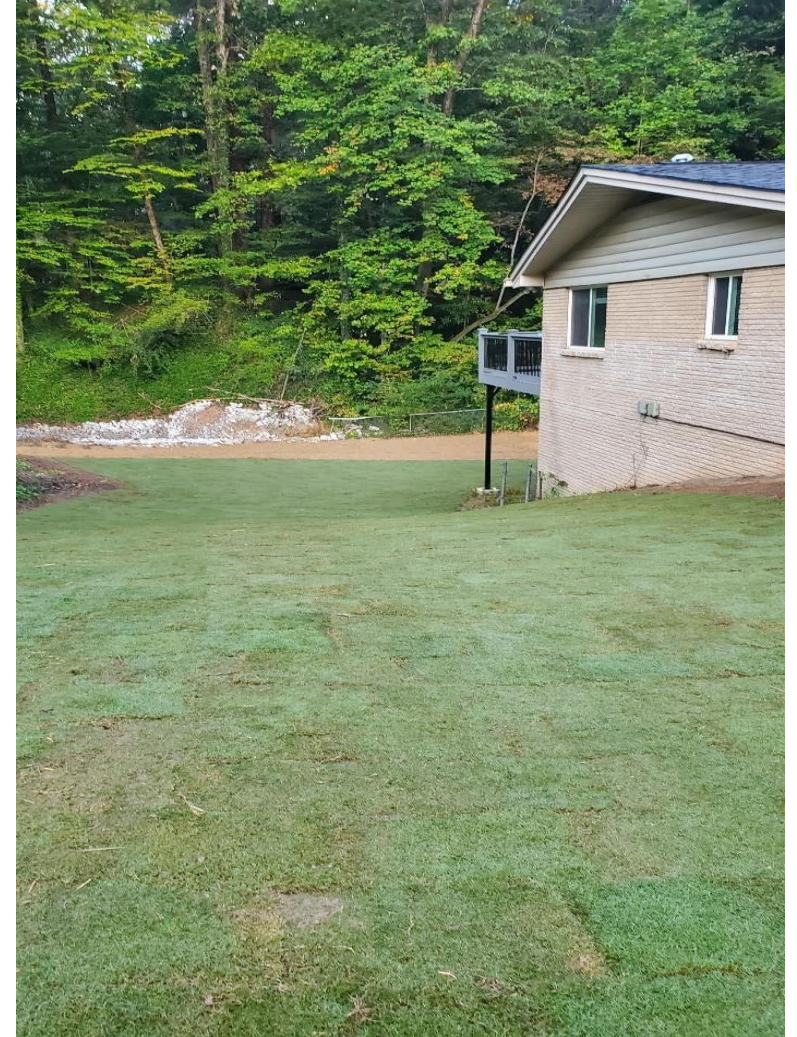
BEFORE AND AFTER CONSTRUCTION



Before



Restore In Kind



Public Communications Update

Ms. Alicia T. Pennie
Public Relations Manager

COMMUNICATIONS STRATEGY



LETTERS

 770.414.2355 (o)
404.298.4446 (t)
DeKalbCountyga.gov

Watershed Management
4572 Memorial Drive
Decatur, Georgia 30032

February 11, 2018

Subject: Package III Gravity Sewer Project

Dear Resident,

As part of DeKalb County's \$1.345 billion capital improvement program, the Department of Watershed Management (DWM) will be improving the capacity and service of the Wastewater systems serving your community. The **Package III Gravity Sewer Project** will be designed to move wastewater from a lower elevation to a higher elevation. The gravity sewer improvement projects will provide maintenance ease, increase capacity and reduce sanitary sewer overflows in the Stone Mountain and Decatur area.

This letter serves as formal notification that construction activities associated with this project will begin **March 2019**. Normal construction hours will be from **7 a.m. to 7 p.m., Monday through Friday**, excluding major holidays. Property owners will be notified in advance of significant changes in scheduled work hours.

Please be advised to expect an increase in construction-related noise and traffic, during work hours. Property owners will be notified 45 to 72 hours prior to the start of impactful construction activities. Our construction crews will work diligently to minimize the length of impact to residents.

The gravity sewer improvement project is expected to last approximately 20 months, with construction completed in February 2020. Garney Construction, working on behalf of DeKalb County, is the authorized contractor for the **Package III Gravity Sewer Project**. All workers will be wearing proper identification and driving marked vehicles.

Should you have any questions or concerns regarding the **Package III Gravity Sewer Project**, please do not hesitate to contact the DWM Project Information line at 1-800-986-1108 or email projectinfo@dekalbcountyga.gov.

We appreciate your patience as we work diligently to make improvements to DeKalb County's sanitary sewer collection system.

Chief Executive Officer
Michael Thurmond

Board of Commissioners

District 1
Nancy Jester

District 2
Jeff Rader

District 3
Larry Johnson

District 4
Stephen Bradshaw

District 5
Merida Davis Johnson

District 6
Kathie Gannon

District 7
Loraine Cochran-Johnson

DOOR HANGERS



NOTIFICATION

Department of Watershed Management

Package III Gravity Sewer Project

The DeKalb County Department of Watershed Management's Office of Engineering & Construction Management Services (ECMS) has initiated a project to **design and build** a new wastewater treatment gravity sewer project.

Please be advised to expect **lorem ipsum lorem ipsum lorem ipsum**. Signs and traffic flaggers will assist drivers in moving safely around the closures.

Work hours for the project will be from 7 a.m. – 7 p.m., Monday through Friday, excluding major holidays. In some cases, weekend work may be necessary. Our construction crews will work diligently to minimize the length of impact to residents. Also, please note all staff working on behalf of DeKalb County will have proper identification and will drive marked contractor vehicles.

All inquiries about this project should be directed to projectinfo@dekalbcountyga.gov or 1-800-986-1108. We appreciate your patience as we work diligently to make improvements to DeKalb County's water distribution system.

 [Facebook.com/DeKalbCountyGA](https://www.facebook.com/DeKalbCountyGA)  [Twitter.com/DeKalbCountyGA](https://twitter.com/DeKalbCountyGA)

Chief Executive Officer - Michael Thurmond

D1 – Comm. Nancy Jester D5 – Comm. Merida Davis Johnson
D2 – Comm. Jeff Rader D6 – Comm. Kathie Gannon
D3 – Comm. Larry Johnson D7 – Comm. Greg Adams Sr.
D4 – Comm. Steve Bradshaw

EMAILS

Email (HTML) Email (Plain Text)

From: Watershed Management Department - DeKalb <dekalbcountywatershed@public.govdelivery.com>

Subject: American Fare Lift Station Abandonment and Gravity Sewer Construction Update



COMMUNICATIONS STRATEGY



TOUCHPOINTS



Project Hotline



Website



Social Media



News Release



County Newsletter,
The DeKalb Dispatch

- DCTV
- Next Door
- Project Signs
- Contractors
- FAQ

COMMUNICATIONS STRATEGY



Like, Follow, & Subscribe To Stay In The Know

NEXTDOOR



FACEBOOK



TWITTER/X



YOUTUBE



CIP PROJECTS



DEPARTMENT OF WATERSHED MANAGEMENT

CONTACT INFORMATION



- Customer Questions?

- Project Information: 1-800-986-1108
- Email Inquiries: projectinfo@dekalbcountyga.gov

- Contact Information:

- Cassandra Marshall: cmmarshall@dekalbcountyga.gov 678-614-9060
- Alvester Williams: alwilliams2@dekalbcountyga.gov 678-698-9493
- Arkiethon Harden: aharden@dekalbcountyga.gov 470-298-6285

- Dispatch Emergency Information:

- Phone: 770-270-6243
- Email: dekalbwaterops@dekalbcountyga.gov

QUESTIONS



THANK YOU