

## CONSENT DECREE KEHELEY DRIVE SANITARY SEWER IMPROVEMENT PROJECT

#### **Virtual Community Meeting**

Thursday, April 3, 2025 @ 6:30 p.m.



#### **DEPARTMENT OF WATERSHED MANAGEMENT**



### **WELCOME AND INTRODUCTIONS**

Mr. Kerry Williams, P.E., PMP Deputy Director of Engineering and Construction Management Services (ECMS)

#### **DEPARTMENT OF WATERSHED MANAGEMENT**



### **GREETINGS**

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

### MEETING AGENDA



**DEPARTMENT OF WATERSHED OVERVIEW: THE ASSESSMENT & PROBLEM: THE SOLUTION: PROJECT SCOPE OVERVIEW: CONSTRUCTION OVERVIEW: COMMUNITY AWARENESS: PUBLIC COMMUNICATIONS:** QUESTIONS

Ms. Alia Johnson, P.E., Engineering Manager - ECMS

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

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

Mr. Pavel Vayner, Engineer Principal

Mr. Danny Mathis, Inspections Supervisor

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

Ms. Alicia T. Pennie, Public Relations Manager

#### **DEPARTMENT OF WATERSHED MANAGEMENT**



### **DEPARTMENT OF WATERSHED OVERVIEW**

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

### WATERSHED MANAGEMENT OVERVIEW



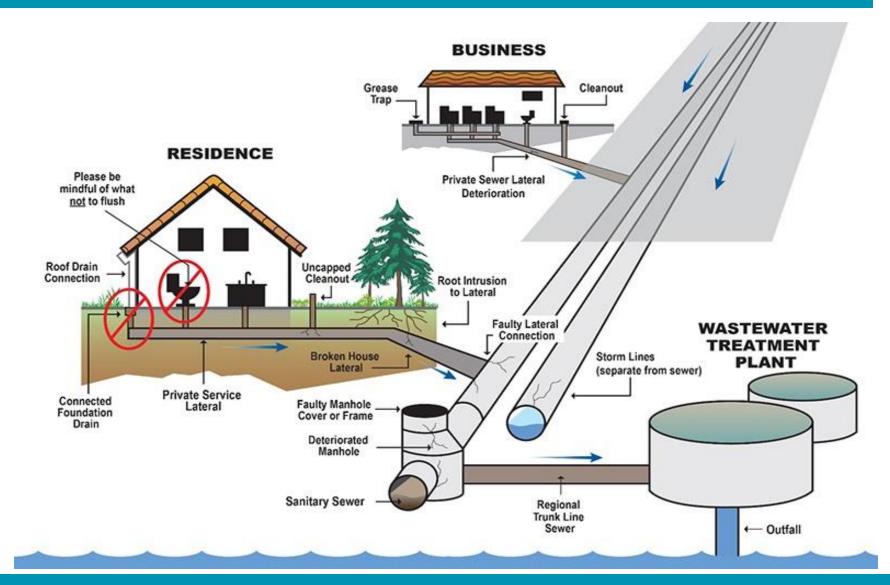
#### • WHAT WE DO...

- Serve approximately 700,000<sup>+</sup> 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



#### WASTEWATER SYTEM OVERVIEW: WHAT'S A GRAVITY SEWER?







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.













#### **DEPARTMENT OF WATERSHED MANAGEMENT**



## **THE ASSESSMENT & PROBLEM**

Ms. Alia Johnson, P.E. Engineering Manager, ECMS

## THE ASSESSMENT

### Problem Assessment

- Smoke Testing
- Closed Circuit TV
  - Identified 13 pipes in upstream area, totaling 4,046 LF, with notable defects including holes, cracks, and fractures that have been rehabilitated in addition to the pipes to be upsized for capacity
  - These defects can allow groundwater/stormwater to enter the sewer using capacity
  - Rehabilitation of these defects (completed between March 2019 and October 2023) has removed infiltration and inflow within the pipes
- Structural Condition Assessment and Inspection
- Acoustical Testing
- Hydraulic Modeling





#### **Repeated SSOs**

11 wet weather-related spills since 2017 in this area Most recent spill on July 25, 2024 occurred during wet weather

# THE PROBLEM

Priority Fix List (PFL) #18 – 2060 Keheley Drive

Aged Infrastructure

Lack of Capacity

**Operational Efficiencies** 

#### **DEPARTMENT OF WATERSHED MANAGEMENT**

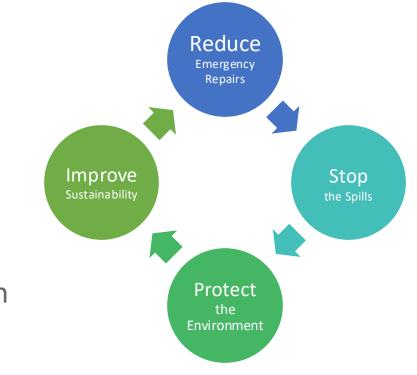


### **THE SOLUTION**

### 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.
- Early this year, the Board of Commissioners approved a new CIP for \$4.27 billion dollars for projects to be completed from 2025 to 2035.
  - The Keheley Dr. SS Improvement project is a \$2.5 million project that is included in that plan.
- The CIP Team is responsible for executing the work done after the engineering has been completed.





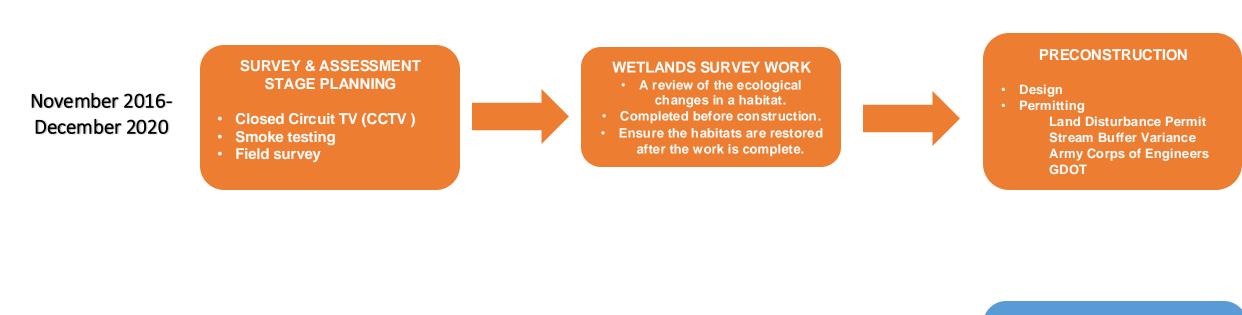


# CONSENT DECREE KEHELEY DRIVE SANITARY SEWER IMPROVEMENT SCOPE OVERVIEW

### Mr. Pavel Vayner Engineer Principal/ Technical Project Manager

### **PROJECT OVERVIEW**





Summer 2024 – October 2025

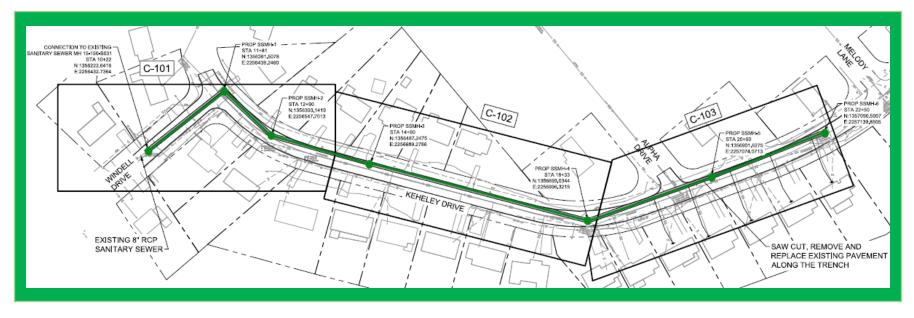
PROJECT PREPARATION and COMMUNITY ENGAGEMENT CONSTRUCTION

- Groundbreaking/Clearing
- Replacement installation
- Opencut

#### COMPLETION AND RESTORATION

- Road and street repair if any
- Landscape and right of way restoration

#### CONSENT DECREE KEHELEY DRIVE SANITARY SEWER IMPROVEMENT PROJECT SCOPE OVERVIEW



- Planned work includes:
  - Installing approximately 1,230 linear feet of new 8-inch pipe
  - Installing 6 new manholes
  - Conventional open cut excavation methods
  - Extend service connections to 5 homes



## CONSENT DECREE KEHELEY DRIVE SANITARY SEWER IMPROVEMENT CONSTRUCTION OVERVIEW

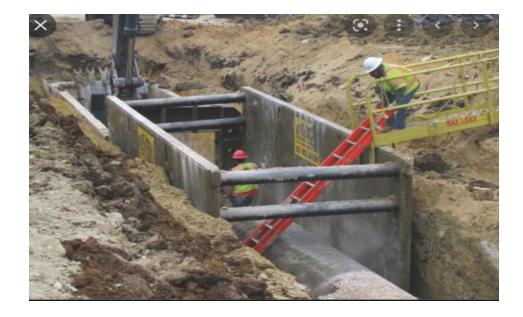
Mr. Danny Mathis Inspections Supervisor

Consent Decree Keheley Drive Sanitary Sewer 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
  - Enforcing safety measures are followed

### METHODS OF CONSTRUCTION





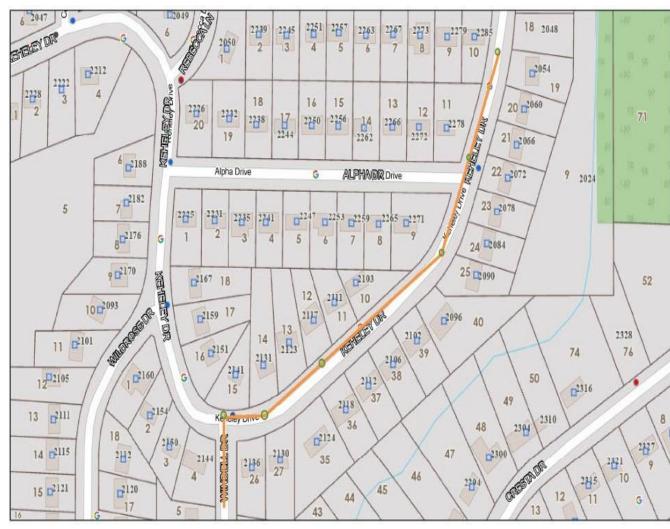
#### **Open Cut Trench Excavation**

- 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.

### **Duration of the Project:**



April 3, 2025	Community Meeting
Week of April 7th, 2025	Mobilization
Week of April 14th, 2025	Survey/Saw cut road
Week of April 21th, 2025	Start Sewer Installation
September 2025	Milling/Paving
October 2025	Final Completion



\*All dates are weather and site condition dependent.

#### Before





 Construction work zone



Mar 26, 2025 7 45:43 AVI 33°45'42.67576"N 84 4548 23331"W 28.00m 1130 Berkeley Road **Avondale Estat** DeKalb G Georgia BBC mlm mc CBC I CNN bi m myn NBC u

#### **DEPARTMENT OF WATERSHED MANAGEMENT**



### THE COMMUNITY

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



# COMMUNITY AWARENESS

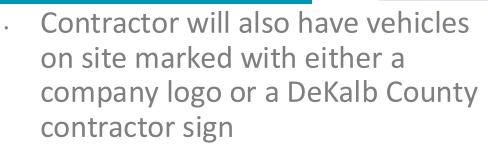
- What to Expect
  - Construction Traffic (Both Foot Traffic And Vehicles)
    - Construction Deliveries
    - Construction Parking
  - Safety and Security
    - Noise Increase
      - Back Up Alarms (Safety Mechanism)
      - Bypass Pumps
    - Delineating Construction Zones
    - County contractors and employees will have a County issued badge
  - Work Hours
    - 8am 5pm (high impact residential areas)
  - Environmental Protection
    - Construction entrance and exits
      - Minimize dust control and dirt on streets

## COMMUNITY AWARENESS

Construction yard signage will be clearly and carefully placed to alert community of streets affected by construction

DeKalb County	DEKALB COUNTY DEPARTMENT OF WATERSHED MANAGEMENT
GEORGIA	COMMUNITY CONSTRUCTION NOTICE
Michael Thurmond Chief Executive Officer	As a part of the \$2.4 billion Capital Improvement Program, the Department of Watershed
Board of Commissioners District 1 Robert Patrick	Management (DWM) will be improving the capacity and service of the watershed systems serving your community.
District 2 Jeff Rader District 3	
Larry Johnson District 4 Steve Bradshaw	CONTRACTOR ON-SITE:
District 5 Mereda Davis Johnson District 6 Edward "Ted" Terry	The Renee Group (RGI)
District 7 Lorraine Cochran-Johnson	
WATER	Heavy equipment and badged work crews will be in your area. For information or to report a construction related problem, please call 1-800-986-1108. Scan for Social
	www.dekalbwatershed.com * 1.800.986.1108 * projectinfo@dekalbcouptyga.gov

#### DEPARTMENT OF WATERSHED MANAGEMENT



# **DEKALB COUNTY** WATERSHED



# **CONTRACTOR**





### **Public Communications Update**

### **Ms. Alicia T. Pennie** Public Relations Manager

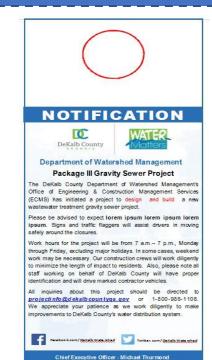
### **COMMUNICATIONS STRATEGY**



#### LETTERS

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		s to DeKalb County's	8

#### DOOR HANGERS



Crite Lxeoutive Officer - Michael Ihurmond D1 - Comm, Naroy Juster D3 - Comm, Mereda Davis John: D2 - Comm, Jeff Rader D6 - Comm, Kathie Gamon D3 - Comm, Larry Johnson D7 - Comm, Greg Adams Sr. D4 - Comm, Steve Backdaw

#### 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**









**Project Hotline** 



Website

Social Media

• DCTV

- Next Door
- Project Signs
- Contractors
- FAQ



**News Release** 

## **COMMUNICATIONS STRATEGY**



### Like, Follow, & Subscribe To Stay In The Know

















# Customer Questions? Project Information: 1-800-986-1108

• Email Inquiries:

projectinfo@dekalbcountyga.gov

Contact Information:

<ul> <li>Cassandra Marshall:</li> </ul>	<u>cmmarshall@dekalbcountyga.gov</u>	678-614-9060
<ul> <li>Danny Mathis:</li> </ul>	<u>dmathis01@dekalbcountyga.gov</u>	678-237-3121
<ul> <li>Pavel Vayner:</li> </ul>	<u>pvayner@dekalbcountyga.gov</u>	404-747-3924

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



## QUESTIONS





