

CONSENT DECREE ROMAN COURT SEWER IMPROVEMENT PROJECT

Virtual Community Meeting

Tuesday, April 22, 2025 @ 6:30 p.m.





WELCOME AND INTRODUCTIONS

Mr. Kerry Williams, P.E., PMP

Deputy Director of Engineering and Construction Management Services (ECMS)



GREETINGS

DeKalb County

District 4 - Commissioner Chakira Johnson

Super District 7 – Commissioner LaDena Bolton

MEETING AGENDA



DEPARTMENT OF WATERSHED OVERVIEW: Mr. Kerry Williams, P.E., PMP Deputy Director, ECMS

THE ASSESSMENT & PROBLEM: Ms. Alia Johnson, P.E., Engineering Manager - ECMS

THE SOLUTION:Ms. Cassandra Marshall, CCM, PMP, Assistant Director - CIP

PROJECT SCOPE OVERVIEW: Mr. Pavel Vayner, Principal Engineer/Project Manager

CONSTRUCTION OVERVIEW: Mr. Arre Kennedy, UM, Construction Project Manager

COMMUNITY AWARENESS: Ms. Cassandra Marshall, CCM, PMP, Assistant Director - CIP

PUBLIC COMMUNICATIONS: Ms. Alicia T. Pennie, Public Relations Manager

QUESTIONS



DEPARTMENT OF WATERSHED OVERVIEW

Mr. Kerry Williams, P.E., PMP

Deputy Director of ECMS

WATERSHED MANAGEMENT OVERVIEW



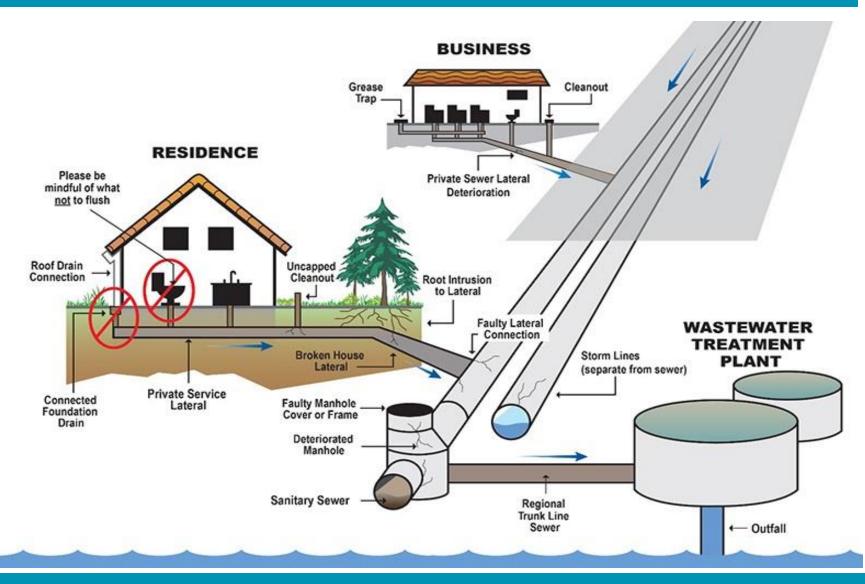
• WHAT WE DO...

- 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



WASTEWATER SYTEM OVERVIEW: WHAT'S A GRAVITY SEWER?





TEAM INTRODUCTIONS



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







SOLUTIONS











THE ASSESSMENT & PROBLEM

Ms. Alia Johnson, P.E.

Engineering Manager, ECMS

THE ASSESSMENT

WATER Matters

Problem Assessment

- Smoke Testing
 - 9 potential private lateral defects
- Closed Circuit TV
 - Identified 11 pipes in upstream area, totaling 3,200 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
- Structural Condition Assessment and Inspection
- Acoustical Testing
- Hydraulic Modeling



Repeated SSOs

15 wet weather-related spills since 2017 in this area Most recent spill on February 13, 2025, a wet weather event with rainfall intensities of approximately a 2-year recurrence probability

THE PROBLEM

Priority Fix List (PFL)

#36 – 3924 Roman Ct

#98 – 3911 Roman Ct

Aged Infrastructure

Lack of Capacity

Operational Efficiencies



THE SOLUTION

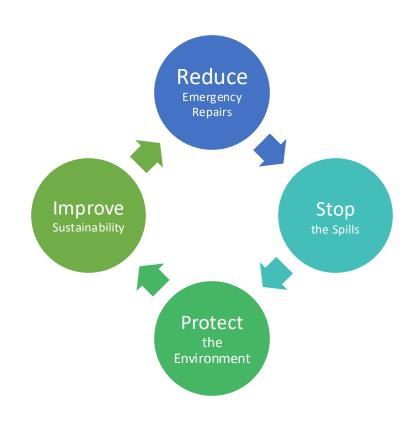
Ms. Cassandra M. Marshall, CCM, PMP

Assistant Director - CIP

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 2035.
 - The Roman Court upsizing project is a \$3.36 million project that is included in that plan.
- The CIP Team is responsible for executing the work done after the engineering has been completed.





ROMAN COURT IMPROVEMENT PROJECT SCOPE OVERVIEW

Mr. Pavel Vayner

Principal Engineer/Project Manager

PROJECT OVERVIEW



January 2023 – September 2023

SURVEY & ASSESSMENT STAGE PLANNING

- Closed Circuit TV (CCTV)
- Smoke testing
- Field survey



WETLANDS SURVEY WORK

- A review of the ecological changes in a habitat.
- Completed before construction.
- Ensure the habitats are restored after the work is complete.



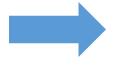
PRECONSTRUCTION

- Design
- Permitting

Land Disturbance Permit Stream Buffer Variance Army Corps of Engineers GDOT

January 2025 – May 2026

PROJECT PREPARATION and COMMUNITY ENGAGEMENT



CONSTRUCTION

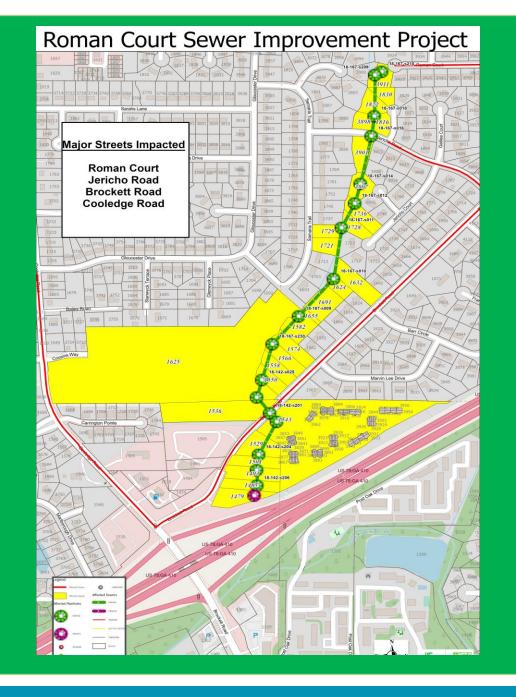
- Groundbreaking/Clearing
- Replacement installation
 - Opencut



COMPLETION AND RESTORATION

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

DEPARTMENT OF WATERSHED MANAGEMENT



ROMAN COURT UPSIZING PROJECT SCOPE OVERVIEW

- Planned work includes:
 - 630 LF by open cut method and pipe bursting 1,869 LF 8" to 12" and 744 LF 10" to 12" HDPE DIPS DR17, and 148 LF of 16" Jack and bore
 - Most of the installation will be performed by pipe-burst with a small 630 LF will be conventional open cut excavation method
 - Bypass sewage flows around section(s) under construction



ROMAN COURT IMPROVEMENT PROJECT CONSTRUCTION OVERVIEW

Mr. Arre Kennedy, UM

Construction Project Manager

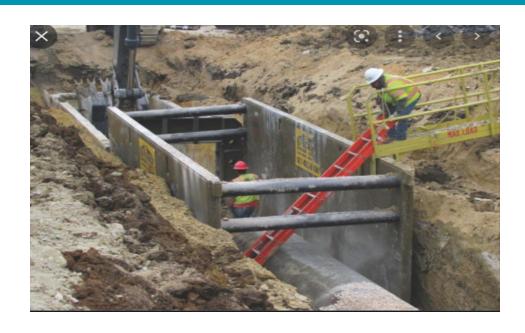
Roman Court Improvement Construction Overview

- 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
 - Traffic control is maintained
 - Ensuring 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.



Pipe Bursting

 Mostly trenchless method of construction by which the existing pipe is opened and forced outward by a bursting tool

Duration of the Project:



April 23, 2025 Mobilization/Site Prep

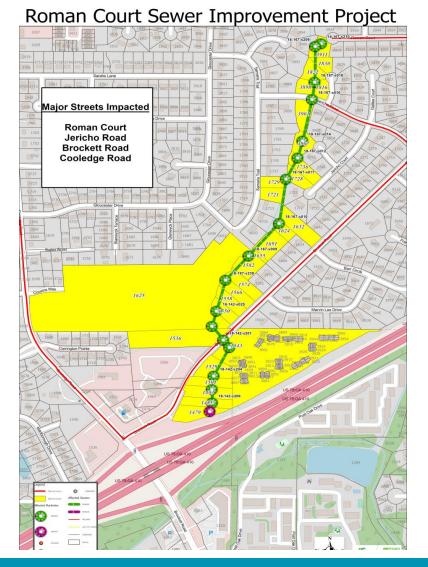
April 24, 2025 Surveying/Staking/Clearing

July 2025 Construction Start

August 2025 Jack and Bore (Brockett Rd)

April 2026 Final Restoration

May 2026 Final Completion



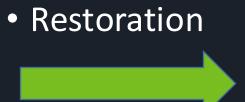
^{*}All dates are weather and site condition dependent.

Before After



Construction work zone









THE COMMUNITY

Ms. Cassandra M. Marshall, CCM, PMP

Assistant Director – CIP



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



Michael Thurmond

Chief Executive Officer

Roard of Commissioner

District 1 Robert Patrick

District 2

District 3 Larry Johnson

District 4

District 5 Mereda Davis Johnson

District 6 Edward "Ted" Terr

District 7 Lorraine Cochran-Johnson



DEKALB COUNTY DEPARTMENT OF WATERSHED MANAGEMENT

COMMUNITY CONSTRUCTION NOTICE

As a part of the \$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.

CONTRACTOR ON-SITE: The Renee Group (RGI)

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.



www.dekalbwatershed.com * 1.800.986.1108 * projectinfo@dekalbcountyga.gov

Contractor will also have vehicles on site marked with either a company logo or a DeKalb County contractor sign

DEKALB COUNTY WATERSHED

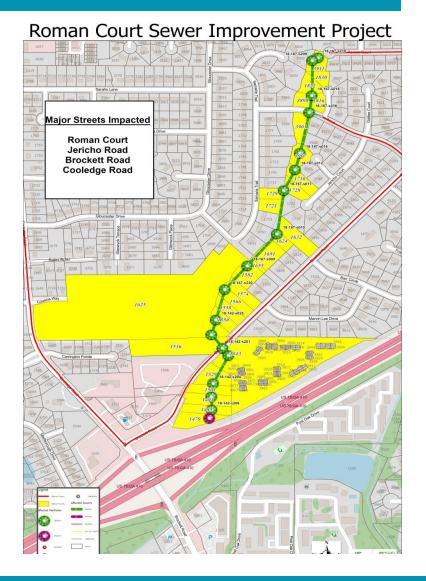


CONTRACTOR

RESIDENT IMPACT



- Contractor will provide traffic control to guide residents throughout the area
- Major traffic impacts along Brockett Road and Jericho Road





Public Communications Update

Ms. Alicia T. Pennie

Public Relations Manager

COMMUNICATIONS STRATEGY



LETTERS

DeKalb County

770.414.2355 (o) Watershed Management

404.298.4446 (f) 4572 Memorial Drive DeKalbCountyga.gov Decatur, Georgia 30032

Chief Executive Officer

District 1 Nancy Jester

District 2 Jeff Rader

District 3 Larry Johnson

Stephen Bradshaw

Kathie Gannor

Lorraine Cochran-

Subject: Package III Gravity Sewer Project

February 11, 2018

As part of DeKalb County's \$1.345 billion capital improvement program, the Department of 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.

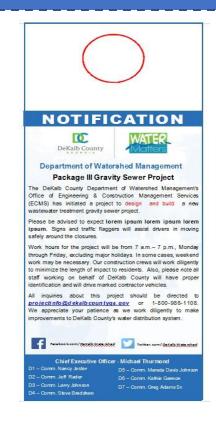
Please be advised to expect an increase in construction-related noise and traffic, during work hours. Property owners will be notified 48 to 72 hours prior to the start of impactful

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

DOOR HANGERS



EMAILS

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

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

COMMUNICATIONS STRATEGY



Like, Follow, & Subscribe To Stay In The Know

NEXTDOOR

FACEBOOK

TWITTER/X

YOUTUBE

CIP PROJECTS











CONTACT INFORMATION



Customer Questions?

• Project Information: 1-800-986-1108

• Email Inquiries: <u>projectinfo@dekalbcountyga.gov</u>

Contact Information:

• Cassandra Marshall: cmmarshall@dekalbcountyga.gov 678-614-9060

• Arre Kennedy: <u>amkennedy@dekalbcountyga.gov</u> 678-428-6194

• Alvester Williams: <u>alwilliams2@dekalbcountyga.gov</u> 470-786-2210

Pavel Vayner: pvayner@dekalbcountyga.gov 404-747-3924

Dispatch Emergency Information:

• Phone: 770-270-6243

• Email: dekalbwaterops@dekalbcountyga.gov

QUESTIONS





