



MIRIAM LANE WATER MAIN REPLACEMENT PROJECT

Virtual Community Meeting

Mon, Oct 9, 2023 @ 6:30 p.m.

Virtual Link: <https://dekalbcountyga.zoom.us/j/5029881429>





WELCOME AND INTRODUCTIONS

Mr. David Hayes

Director of Watershed Management

MEETING AGENDA



WELCOME AND INTRODUCTIONS:

Mr. David Hayes, Director of Watershed Management

GREETINGS:

Commissioner Lorraine Cochran-Johnson, District 7

Commissioner Larry Johnson, District 3

DEPARTMENT OF WATERSHED OVERVIEW:

Mr. David Hayes, Director

THE PROBLEM AND SOLUTION:

Ms. Cassandra Marshall, PMP, Assistant Director, CIP

PROJECT SCOPE:

Mr. Edgardo Amezquita, Construction Project Manager

CONSTRUCTION OVERVIEW:

Mr. Edgardo Amezquita, Construction Project Manager

COMMUNICATIONS:

Ms. Alicia Pennie, Public Relations Manager

QUESTIONS



GREETINGS

Commissioner Lorraine Cochran-Johnson – DISTRICT 7

Commissioner Larry Johnson – DISTRICT 3

DeKalb County



DEPARTMENT OF WATERSHED OVERVIEW

Mr. David Hayes

Director of Watershed Management



• WHAT WE DO...

- Serve approximately 700,000+ DeKalb County residents
- Treat up to 128 Million Gallons per Day (MGD) of safe 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

WHY IS DEKALB COUNTY REPLACING WATER 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 AND SOLUTION

Ms. Cassandra M. Marshall, PMP

Assistant Director – Watershed Management, CIP

THE PROBLEM

Excessive
Water Main
Breaks

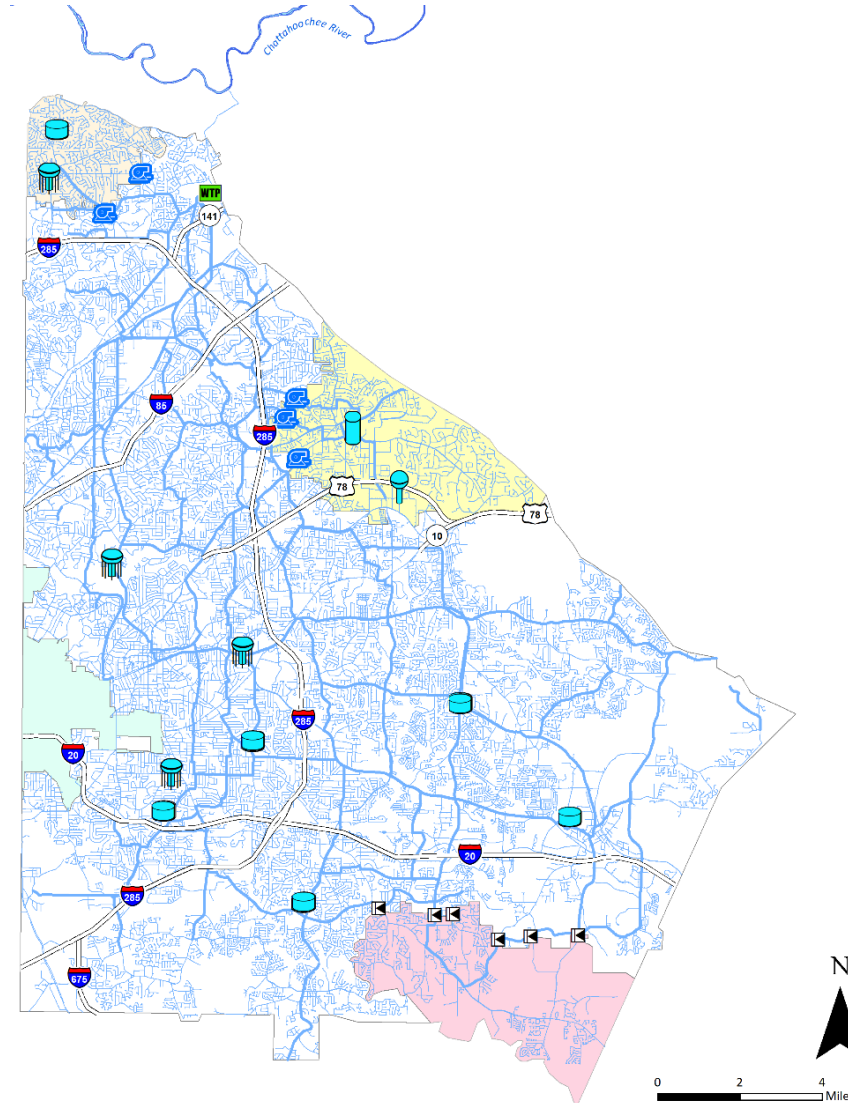
Aged
Infrastructure

Operational
Efficiencies

HYDRAULIC MODEL DEVELOPMENT FOR PRIORITIZATION OF CIP PROJECTS



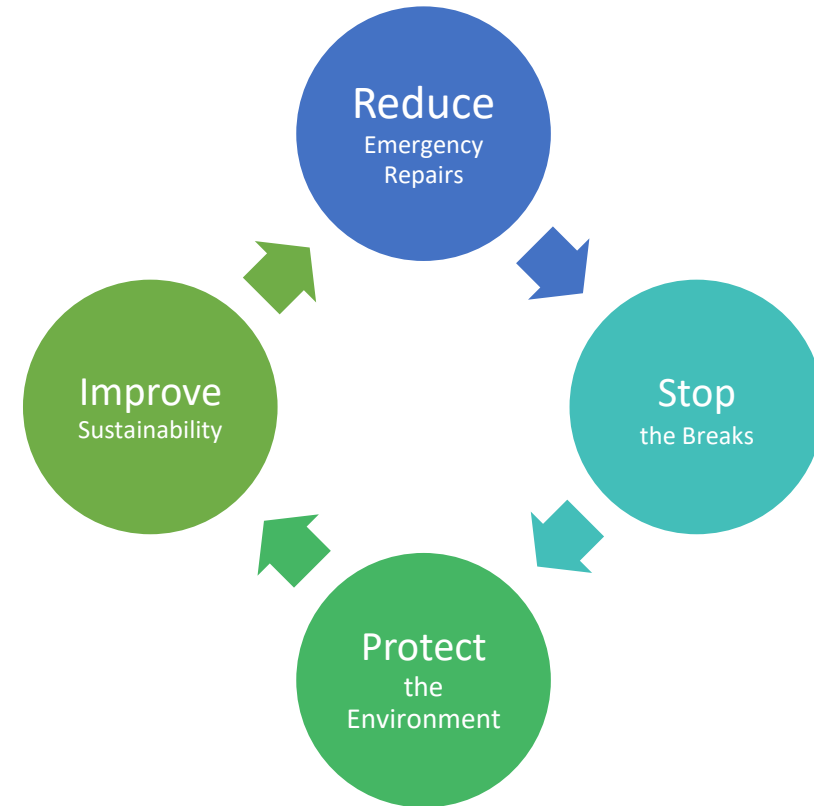
- GIS-Based Water Distribution System Hydraulic Model
 - Over 3,000 miles of pipe
 - 4 pressure zones
 - 21 water storage facilities
 - 16 pump stations
 - 6 pressure regulating stations
 - Data for 193,000 water meters
- Model Calibration and Analysis
 - Calibrated based on system monitoring and field-testing data
 - Used to develop DeKalb Water System Master Plan and **to prioritize CIP projects**



CAPITAL IMPROVEMENT PROJECT OVERVIEW - SOLUTION



- What is a Capital Improvement Project (CIP)?
 - A project that helps maintain or improve an asset.
 - The new construction or replacement of infrastructure.
- In 2021, the Board of Commissioners approved a new CIP for \$2.4 billion dollars for projects to be completed from 2021 to 2030.
 - The Miriam Lane Water Main Replacement project is a \$6.3 million dollar project that is included in that plan.
- The CIP Team is responsible for executing the work done after the engineering has been completed.





MIRIAM LANE WATER MAIN REPLACEMENT PROJECT SCOPE & OVERVIEW

Mr. Edgardo Amezquita

Construction Project Manager



MIRIAM LANE WATER MAIN REPLACEMENT PROJECT SCOPE

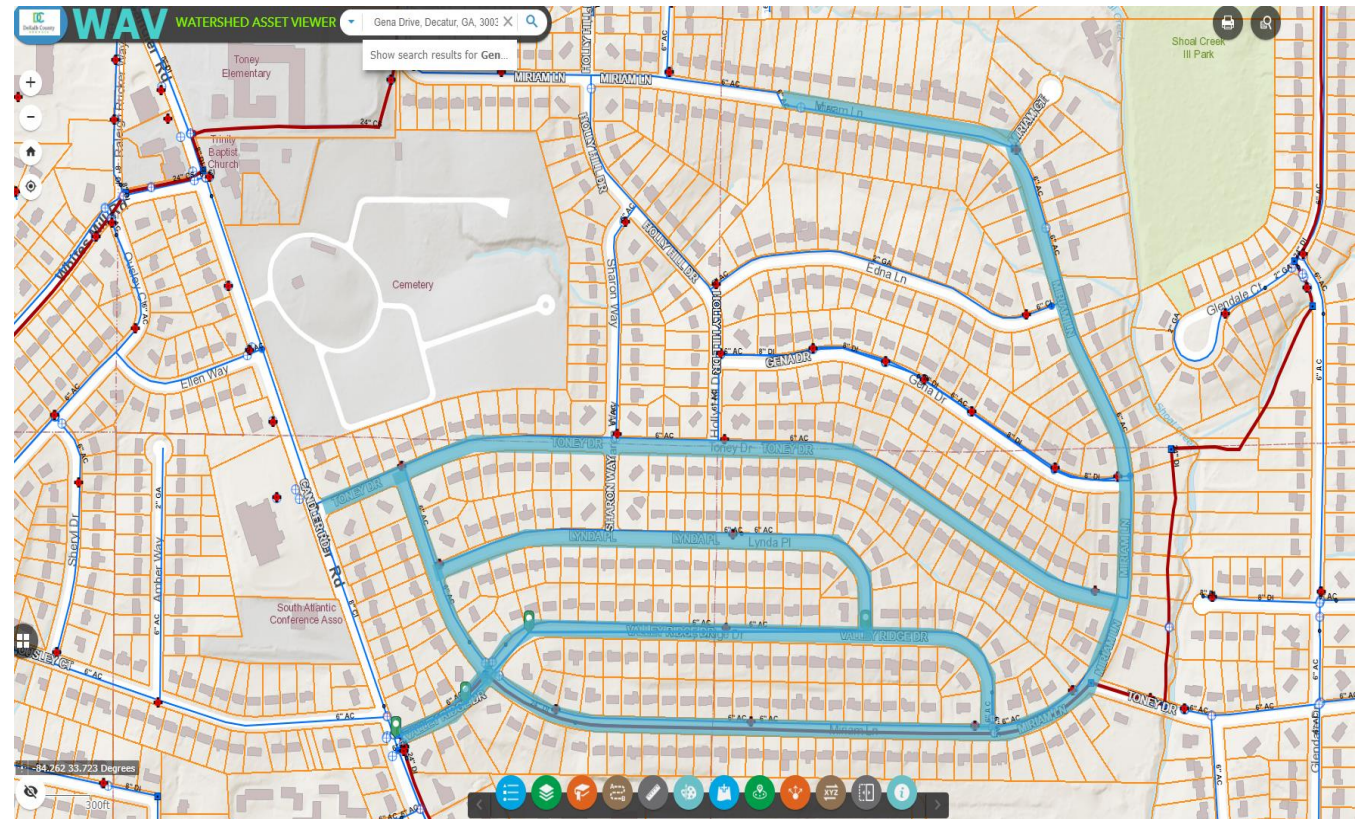
Planned work includes

- Installing 14,000 LF of new 8" DIP water main, as well as 6-inch water main. including services lines, hydrants, valves, pavement restoration, water meter boxes to grade
- The trench will be milled and resurfaced once the new water main installation is complete. The existing 6-in water main will be abandoned in place and filled with non-shrink grout.
- The site conditions will not be altered from the existing. All disturbed pavement and landscaping will be replaced in kind. Erosion control BMPS and tree protection will be installed throughout the entire water main alignment.
- No more than 1,000 linear feet of trench will be open at one time and must be filled and covered everyday

Roads affected on this project:

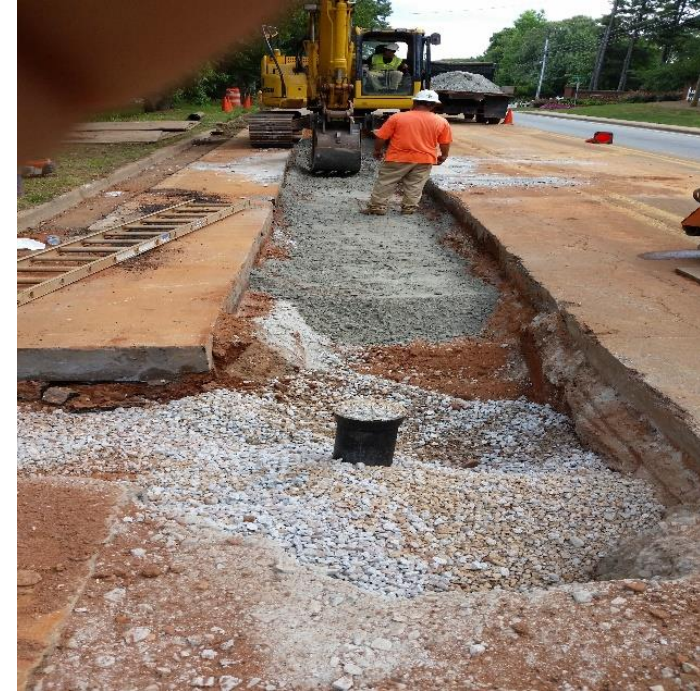
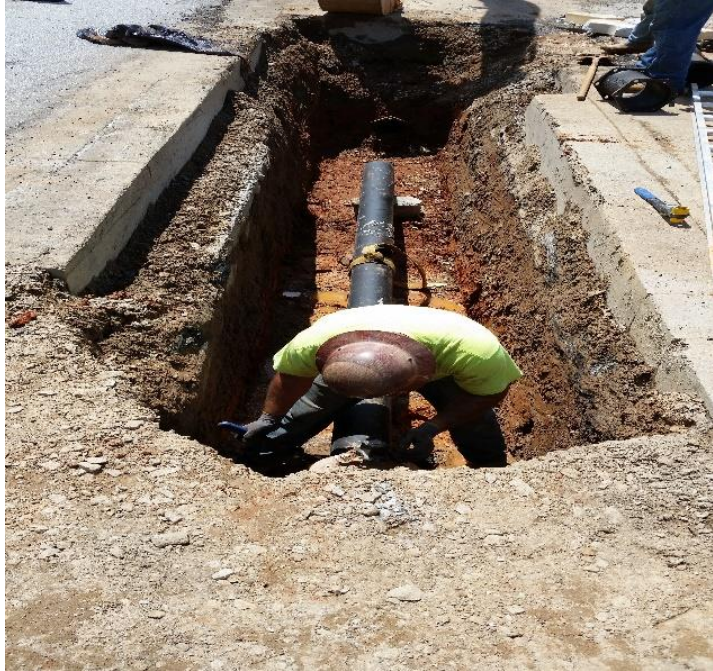
There will be about 300-400 residents impacted by this project. Project area is located in DeKalb County along the following streets:

- Miriam Lane
- Toney Dr
- Lynda Pl
- Valley Ridge Dr



Open Cut Method

- Consist of cutting the asphalt, digging the trench and installing the new waterline
- Backfilling the trench and replacing the asphalt



DURATION OF PROJECT:



- Community Notices
Sept 1, 2023
- Preparation and Mobilization
Sept 25, 2023
- Construction Start
Sept 28, 2023
- Final Restoration – Paving
Oct 1, 2024
- Construction End
Oct 31, 2024



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

CONSTRUCTION DURATION:



- Boots on the ground
- Responsible for construction activities
 - Ensuring that Erosion and Sedimentation Controls are in place
 - Ensuring proper installation of the new waterline
 - Communication with Residents
 - Ensuring Traffic Controls is maintained
 - Ensuring safety measures are followed



BEFORE

AFTER



DEPARTMENT OF WATERSHED MANAGEMENT



THE COMMUNITY

Ms. Cassandra M. Marshall, PMP

Assistant Director – Watershed Management, CIP

COMMUNITY AWARENESS



- What to Expect
 - Construction Traffic (Both Foot Traffic And Vehicles)
 - Construction Deliveries
 - Construction Parking
 - Heavy Construction Equipment
 - Safety and Security
 - Noise Increase
 - Back Up Alarms (Safety Mechanism)
 - Asphalt Saw-cutting
 - Delineating Construction Zones
 - County contractors and employees will have a County issued badge
 - Work Hours
 - 7am – 7pm (typical work hours for open cut installation). The duration of the project is approximately 12 months.
 - Coordination throughout on specific streets affected during construction
 - Residents will have access to driveway during construction
 - Prior notifications of water service shutoffs
 - Environmental Protection
 - 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

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



Michael Thurmond
Chief Executive Officer

Board of Commissioners

District 1
Robert Patrick

District 2
Jeff Rader

District 3
Larry Johnson

District 4
Steve Bradshaw

District 5
Merreda Davis Johnson

District 6
Edward "Ted" Terry

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.



Scan for Social

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



DEKALB COUNTY WATERSHED



CONTRACTOR

- Contractor will provide traffic control to guide residents through the construction zones






Public Communications Update

Ms. Alicia 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

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
 Mereda Davis Johnson
 District 6
 Kathie Gannon
 District 7
 Lorraine Cochran-Johnson

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 2018**. 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.

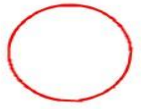
Please be advised to expect an increase in construction-related noise and traffic, during work hours. Property owners will be notified 45 to 72 hours prior to the start of impactful construction activities. Our construction crews will work diligently to minimize the length of impact to residents.

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.

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/2656830669.02642](https://www.facebook.com/2656830669.02642)
 twitter.com/2656830669.02642

Chief Executive Officer - Michael Thurmond
 D1 – Comm. Nancy Jester D5 – Comm. Mereda 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 Relay

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

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
- Edgardo Amezquita: eamezquita@dekalbcountyga.gov 678-428-6193
- Ginger Gay: gngay@dekalbcountyga.gov 678-758-5030

- Emergency Hotline:

- Dispatch: 770-270-6243

QUESTIONS

