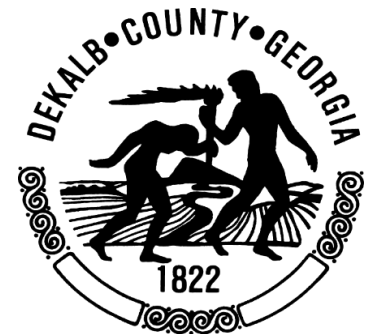




# HARRINGTON DRIVE WATER MAIN REPLACEMENT PROJECT

Virtual Community Meeting

*Thursday, April 24, 2024 @ 6:30 p.m.*





## WELCOME AND INTRODUCTIONS

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

# MEETING AGENDA



## WELCOME AND INTRODUCTIONS:

*Mr. Kerry Williams, PE, PMP, Deputy Director, ECMS*

## GREETINGS:

*Commissioner Michelle Long Spears, District 2*

*Commissioner Edward “Ted” Terry, District 6*

## DEPARTMENT OF WATERSHED OVERVIEW:

*Mr. Kerry Williams, PE, PMP, Deputy Director, ECMS*

## THE PROBLEM AND SOLUTION:

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

## PROJECT SCOPE & CONSTRUCTION OVERVIEW:

*Mr. Edgardo Amezcuita, Construction Project Manager*

## COMMUNICATIONS:

*Ms. Alicia Pennie, Public Relations Manager*

## QUESTIONS

## GREETINGS

Commissioner Michelle Long Spears – DISTRICT 2

Commissioner Edward “Ted” Terry – DISTRICT 6

DeKalb County



## DEPARTMENT OF WATERSHED OVERVIEW

Mr. Kerry Williams, P.E., PMP

Deputy Director of Engineering and Construction Management Services  
(ECMS)

# WATERSHED MANAGEMENT OVERVIEW



## • 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

### Repeated Breaks

Faced with 49 water main breaks from 1989 to 2024

# THE PROBLEM (Harrington Dr.)

Excessive  
Water Main  
Breaks

Aged  
Infrastructure

Installed in 1952

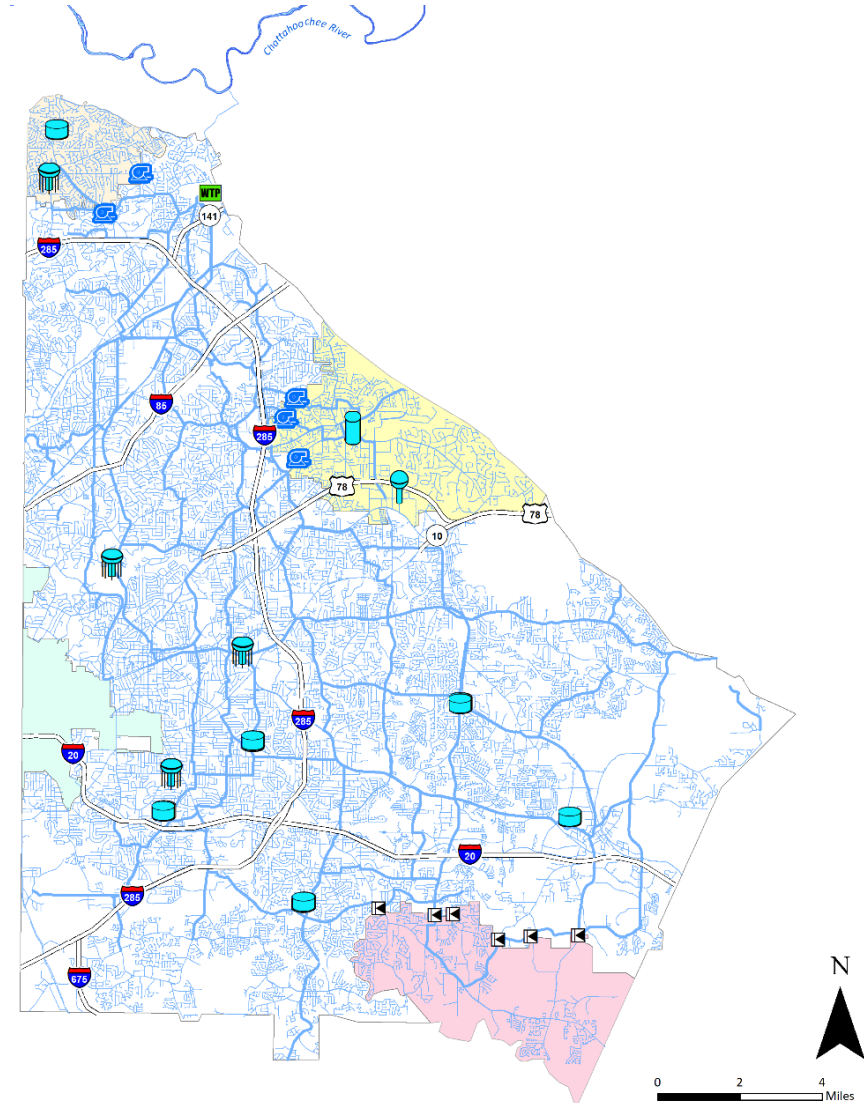
Operational  
Efficiencies

Tuberculate  
Corrosion

# HYDRAULIC MODEL DEVELOPMENT FOR PRIORITIZATION OF CIP PROJECTS



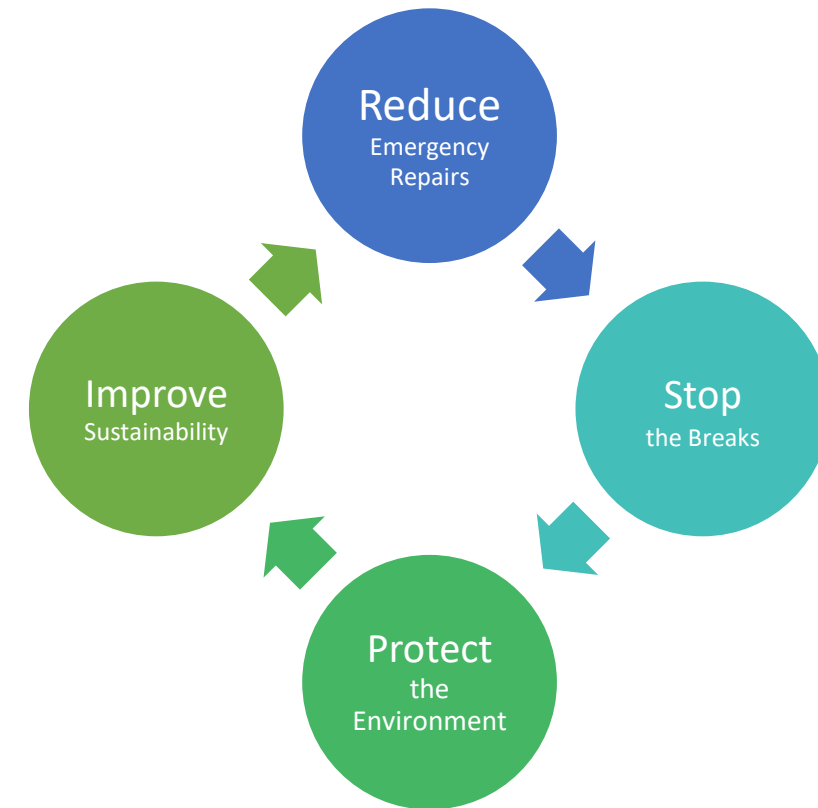
- GIS-Based Water Distribution System Hydraulic Model
  - More than 3,000 miles of pipe
  - 4 pressure zones
  - 21 water storage facilities
  - 16 pump stations
  - 6 pressure regulating stations
  - Data for 193,000 water meters
- Model Calibration and Analysis
  - Calibrated based on system monitoring 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.
- Earlier this year, the Board of Commissioners approved a new CIP for \$4.27 billion dollars for projects to be completed from 2025 to 2035.
  - Harrington Dr. Water Main Replacement project is a \$3.2 million project that is included in that plan.
- The CIP Team is responsible for executing the work done after the engineering has been completed.





# HARRINGTON DRIVE WATER REPLACEMENT PROJECT SCOPE

Mr. Edgardo Amezquita  
Construction Project Manager



# HARRINGTON DRIVE WATER REPLACEMENT PROJECT SCOPE

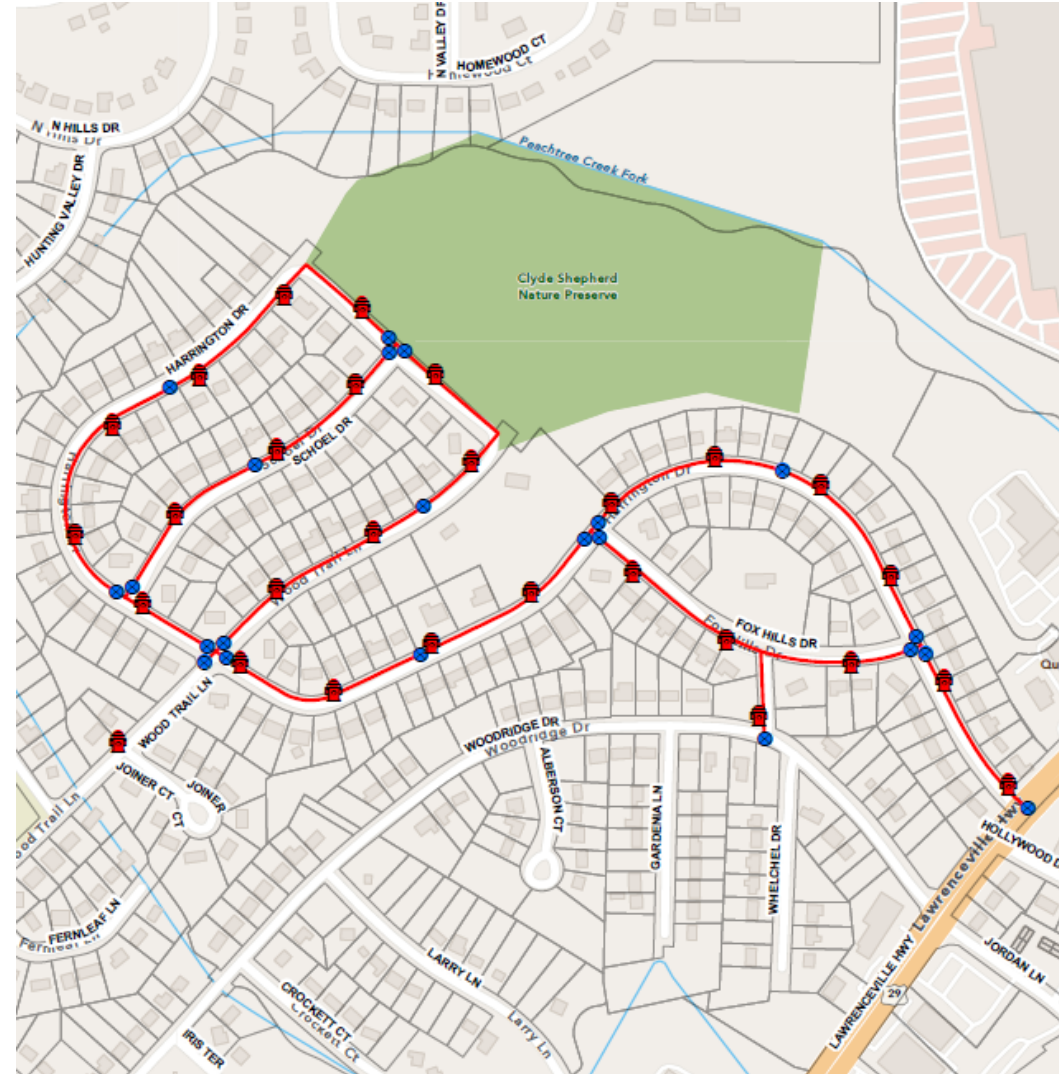
Planned work includes:

- Installing nearly 9,500 linear feet (LF) of new 8-inch DIP water main, including service 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 will be installed throughout the entire water main alignment.
- No more than 1,000 LF of trench will be open at one time and must be filled and covered daily.



### Roads affected on this project:

**Harrington Dr**  
**Schoel DR**  
**Wood Trail LN**  
**Fox Hills DR**  
**Wintergreen LN**





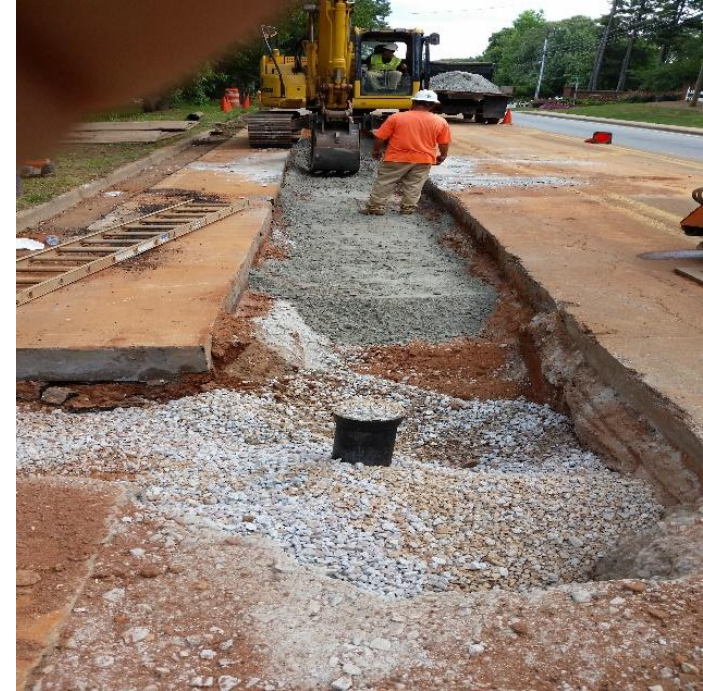
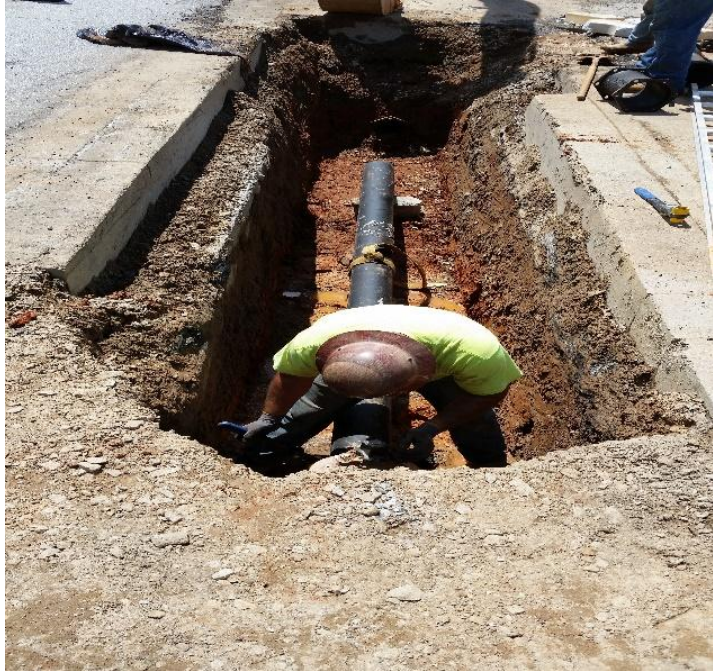
# HARRINGTON DRIVE WATER REPLACEMENT PROJECT CONSTRUCTION OVERVIEW

Mr. Edgardo Amezquita  
Construction Project Manager



## Open Cut Method

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





# PROJECT DURATION: 9 MONTHS



## Schedule Activities

- Community Notices - April 17<sup>th</sup>
- Community Meeting – April 24<sup>th</sup>
- Mobilization - April 28<sup>th</sup>
- Construction Start - May 5<sup>th</sup>
- Final Restoration – Paving
  - March 2026
- Construction End



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



# Harrington Drive 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





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
    - Increased Noise
      - Back Up Alarms (Safety Mechanism)
      - Asphalt Saw-cutting
    - Delineating Construction Zones
    - County contractors and employees will have a County issued badge
  - Work Hours
    - 7 a.m. – 7 p.m. (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 driveways 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](http://www.dekalbwatershed.com) \* 1.800.986.1108 \* [projectinfo@dekalbcountyga.gov](mailto:projectinfo@dekalbcountyga.gov)



# DEKALB COUNTY WATERSHED



# CONTRACTOR

# COMMUNITY AWARENESS



- 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 (x)  
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](mailto: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

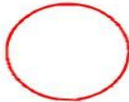
District 4  
Stephen Bradshaw



District 5  
Merida Davis Johnson

District 6  
Kathie Gannon

District 7  
Lorraine Cochran-Johnson

## DOOR HANGERS





**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](mailto: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](mailto: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



# CONTACT INFORMATION



- Customer Questions?

- Project Information: 1-800-986-1108
- Email Inquiries: [projectinfo@dekalbcountyga.gov](mailto:projectinfo@dekalbcountyga.gov)

- Contact Information:

- Cassandra Marshall: [cmmarshall@dekalbcountyga.gov](mailto:cmmarshall@dekalbcountyga.gov) 678-614-9060
- Edgardo Amezquita: [eamezquita@dekalbcountyga.gov](mailto:eamezquita@dekalbcountyga.gov) 678-428-6193
- Ginger Gay: [gngay@dekalbcountyga.gov](mailto:gngay@dekalbcountyga.gov) 678-296-1050

- Emergency Hotline:

- Dispatch: 770-270-6243



# QUESTIONS

