

NORTH SHORE WATER MAIN REPLACEMENT PROJECT

Virtual Community Meeting

Tues, Aug 2, 2022 @ 6:30 p.m.

Virtual Link: https://dekalbcountyga.zoom.us/j/88132378653





WELCOME AND INTRODUCTIONS

Mr. David Hayes Director of Watershed Management

MEETING AGENDA



WELCOME AND INTRODUCTIONS:

GREETINGS:

DEPARTMENT OF WATERSHED OVERVIEW:

THE PROBLEM AND SOLUTION:

PROJECT SCOPE/CONSTRUCTION OVERVIEW:

COMMUNICATIONS:

QUESTIONS

Mr. David Hayes, Director of Watershed Management

Commissioner Steve Bradshaw, District 4

Mr. David Hayes, Director

Ms. Cassandra Marshall, PMP, Program Administrator - CIP

Mr. Edgardo Amezquita, Construction Project Manager

Ms. Alicia Pennie, Public Relations Manager



GREETINGS

Commissioner Steve Bradshaw District 4 – DeKalb County



DEPARTMENT OF WATERSHED OVERVIEW

Mr. David Hayes

Director of Watershed Management

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





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.



AECOM













THE PROBLEM AND SOLUTION

Ms. Cassandra M. Marshall, PMP Program Administrator, CIP

THE PROBLEM Excessive Water Main Breaks

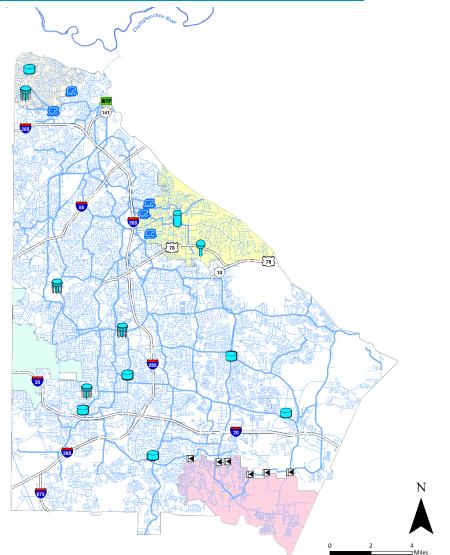
Aged Infrastructure

Operational Efficiencies

HYDRAULIC MODEL DEVELOPMENT FOR PRIORITIZATION OF CIP PROJECTS

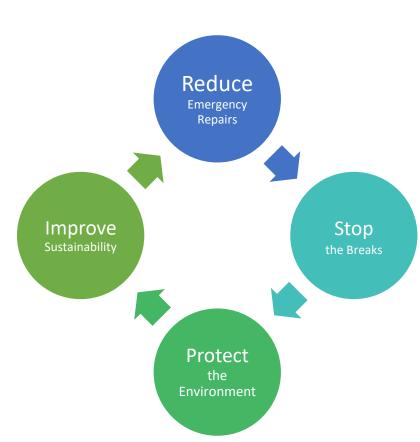


- GIS-Based Water Distribution System Hydraulic Model
 - Over 3,000 miles of pipe
 - 4 pressure zones
 - 21 water storage facilities
 - 16 pump stations
 - 6 pressure regulating stations
 - Data for 193,000 water meters
- Model Calibration and Analysis
 - Calibrated based on system monitoring and field-testing 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 North Shore Water Main Replacement project is a \$4.4 million project that is included in that plan.
- The CIP Team is responsible for executing the work done after the engineering has been completed.





NORTH SHORE WATER REPLACEMENT PROJECT CONSTRUCTION OVERVIEW

Mr. Edgardo Amezquita Construction Project Manager



NORTH SHORE WATER REPLACEMENT PROJECT SCOPE OVERVIEW

- Planned work includes
 - Mobilization of Equipment and Materials
 - Establishing Traffic Control
 - Saw Cutting Existing Asphalt
 - Installation of New Watermain
 - Establishing New Water Services
 - Decommissioning old water main and services
 - Final Restoration

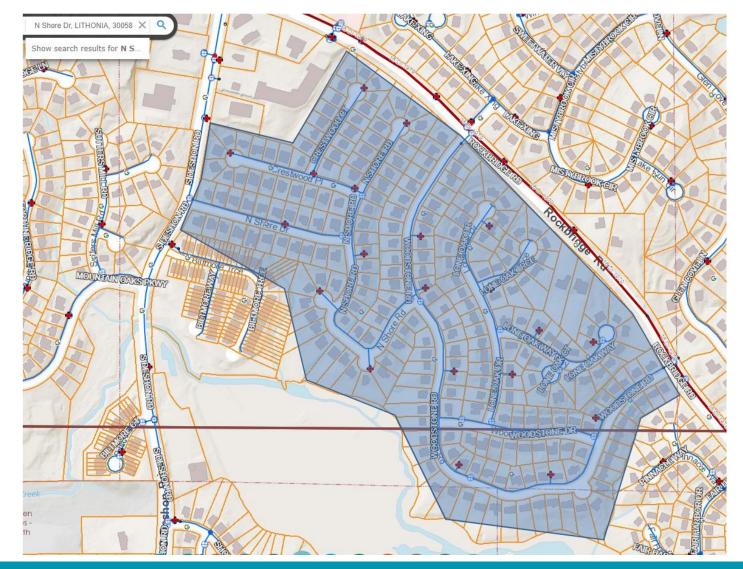
Department of Watershed Management



Project Overview

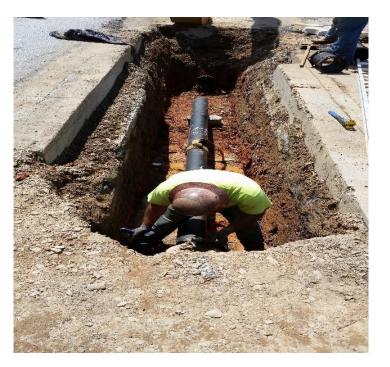
Roads Affected on this Project

- N. Shore Rd.
- N. Shore Dr.
- Crestwood Place
- Crestwood Court
- Woodstone Rd.
- Woodstone Dr.
- Lone Oak Dr.
- Lone Oak Trace
- Lone Oak Way



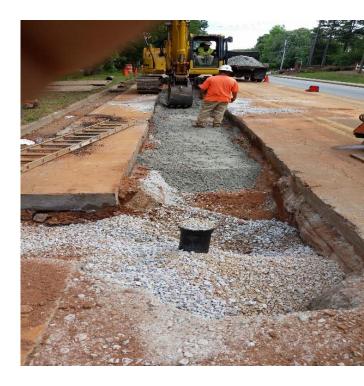
METHOD OF CONSTRUCTION





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 Aug 7th, 2022
- Construction Start Aug 18th, 2022
- Final Restoration Paving Nov 18th, 2022

*All dates are weather and site condition dependent.

• Construction End Dec 31st, 2022





CONSTRUCTION DURATION:

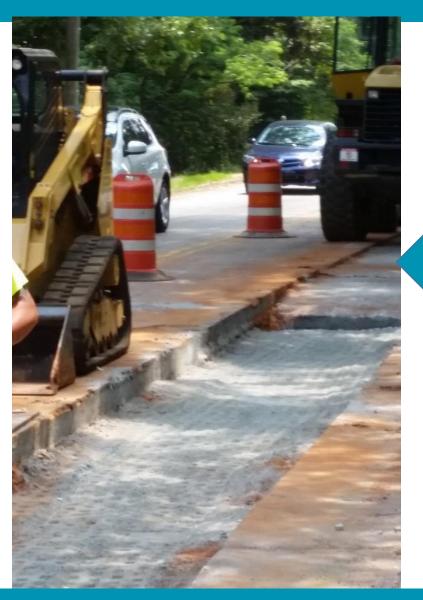
- Boots on the ground
- Responsible for construction activities
 - Ensuring that Erosion and Sedimentation Controls are in place
 - Ensuring proper installation of the new waterline
 - Communication with Residents
 - Ensuring Traffic Controls is maintained
 - Ensuring safety measures are followed





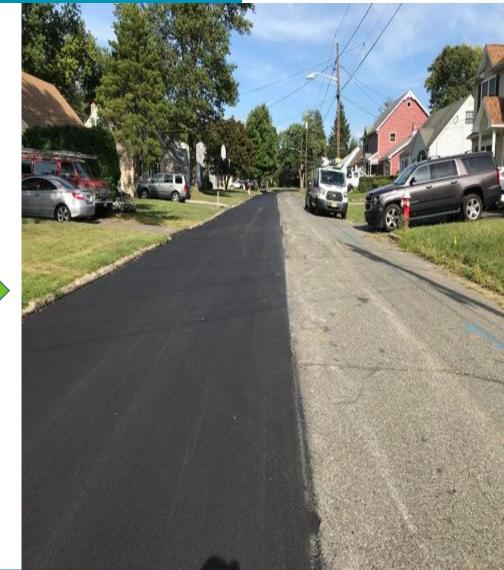






AFTER







THE COMMUNITY

Ms. Cassandra M. Marshall, PMP Program Administrator



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

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 District 5	CONTRACTOR ON-SITE:		
Mereda Davis Johnson District 6 Edward "Ted" Terry District 7	The Renee Group (RGI)		
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.		
TVIQITEIS	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



Public Communications Update

Ms. Alicia Pennie Public Relations Manager

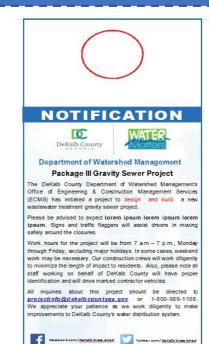
COMMUNICATIONS STRATEGY



LETTERS

February 11, 2018 Subject: Package III Gravity Sever Project: Backage III Backage III Gravity Sever Project: Backage IIII		770.414.2355 (o)	Watershed Management
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	please do not hesitate to contact the DWM Project Informatio		
we appreciate your patience as we work diligently to make improvements to Liekald County's sanitary sewer collection system.	We appreciate your patience as we work diligently to make in sanitary sewer collection system.	nprovements to DeKalb County's	3

DOOR HANGERS



Chief Executive Officer - Michael Thurmond

D2 - Comm Jeff Bader

3 - Comm, Larry Johnson

- Comm. Steve Bradshav

D5 - Comm. Mereda Davis Johns

D6 - Comm. Kathie Gannon

D7 - Comm. Greg Adams Sr.



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

•	DCT\	
		-

- Next Door
- Project Signs





News Release

County Newsletter, The Relay

- Contractors
- FAQ

CONTACT INFORMATION



- Project Information: 1-80
- Email Inquiries:

1-800-986-1108 projectinfo@dekalbcountyga.gov

- Contact Information:
 - Cassandra Marshall:
 - Edgardo Amezquita:
 - Andre Martin:

cmmarshall@dekalbcountyga.gov678-614-9060eamezquita@dekalbcountyga.gov678-428-6193abmartin@dekalbcountyga.gov404-984-3900

- Emergency Hotline:
 - Dispatch:

770-270-6243

QUESTIONS





