



DeKalb County
GEORGIA

PEACHTREE BOULEVARD WATER TRANSMISSION MAIN REPLACEMENT PROJECT

A FAILING SYSTEM

DEPARTMENT OF WATERSHED MANAGEMENT | COMMUNITY MEETING | TUESDAY, JUNE 03, 2025



WELCOME AND INTRODUCTIONS

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

Meeting Agenda

Welcome and Introductions ----- Kerry Williams, PE, PMP
Deputy Director, ECMS

Greetings ----- Commissioner Robert Patrick, District 1
Commissioner Edward “Ted” Terry, District 6

Division Overview ----- Kerry Williams, P.E., PMP
Deputy Director, ECMS

The Problem ----- Alia Johnson, P.E.
Engineering Manager, ECMS

The Solution ----- Cassandra Marshall, CCM, PMP
Assistant Director - CIP

Project Scope ----- Arjen Bootsma, P.E.
Engineering Principal, ECMS

Construction Overview ----- Andre Martin
Inspections Supervisor

Communications ----- Patrece Johnson
Public Education Specialist

Questions



Feb 25, 2020
5211 Peachtree



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GREETINGS

Commissioner Robert Patrick – DISTRICT 1

Commissioner Ted Terry – DISTRICT 6



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DIVISION OVERVIEW

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

WHAT WE DO...



OUR OBJECTIVES



THE TEAM

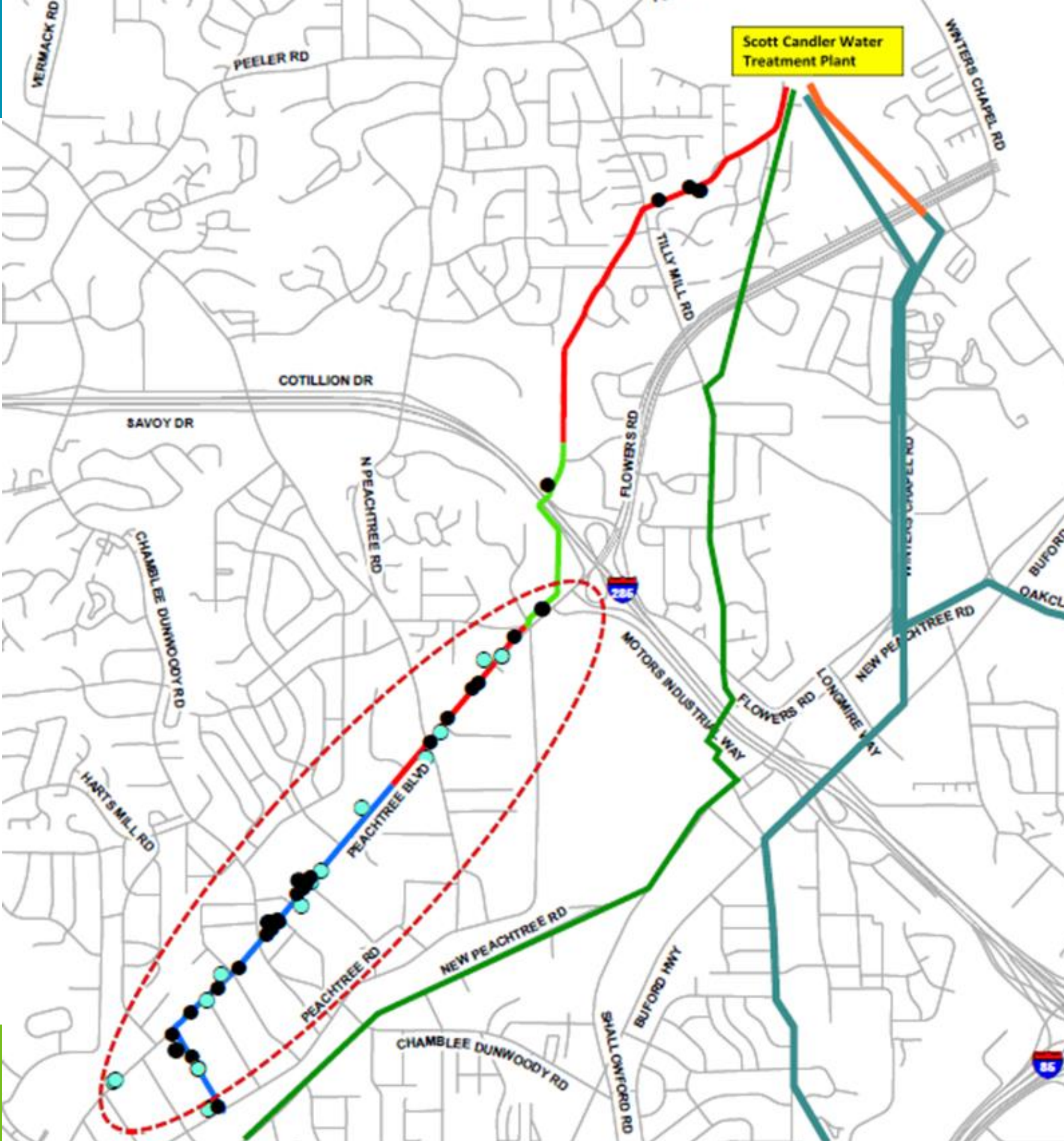




DeKalb County
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THE PROBLEM

Alia Johnson, P.E.
Engineering Manager, ECMS



30" INCH STEEL TRANSMISSION MAIN OVERVIEW

- 1 One of four major transmission mains that feeds the entire County
 - Artery that transmits water from the SCWTP to smaller distribution mains
- 2 Provides water to Emory University and Centers of Disease Control
- 3 Confirmed 45 repairs to date
- 4 Causes of pipe failure
 - Aged infrastructure, over 60 years old
 - Sacrificial Anode due to location near gas main
 - Pinhole leaks

THE BREAKS



2022
EMERGENCY REPAIR
5211 Peachtree Blvd



2022
EMERGENCY REPAIR
5496 Peachtree Blvd



2025
30" VALVE REPAIR
Malone Dr



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THE SOLUTION

Cassandra Marshall, PMP, CCM

Assistant Director, CIP

THE SOLUTION

- REPLACING THE AGED PIPE
- Earlier this year, the Board of Commissioners approved a new CIP for \$4.27 billion dollars for projects to be completed from 2025 to 2034.
 - Peachtree Blvd Water Main Replacement project is a \$46 million project that is included in that plan.
- What is a Capital Improvement Project (CIP)?
 - A project that helps maintain or improve an asset.
 - The new construction or replacement of infrastructure.
- The CIP Team is responsible for executing the work done after the engineering has been completed.





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PROJECT SCOPE

Arjen Bootsma, P.E.
Project Manager

PEACHTREE BOULEVARD WATER TRANSMISSION MAIN MAIN REPLACEMENT PROJECT

Phase I:

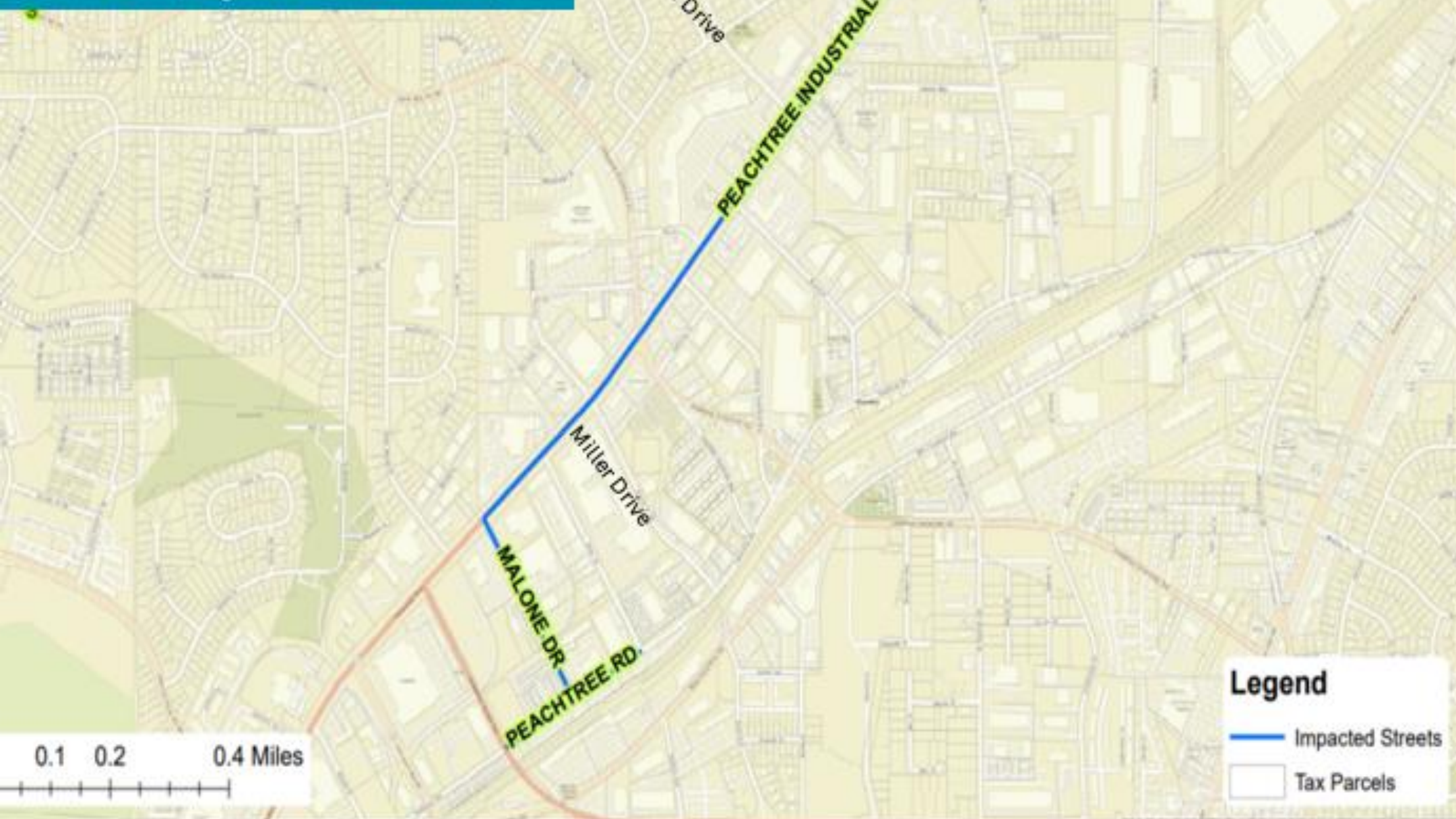
- *Malone Drive (Peachtree Road to Peachtree Blvd.)
- *Peachtree Blvd. (Malone Drive to Miller Drive)

Phase II:

Peachtree Blvd. (Miller Drive to Longview Drive)

Phase III:

Peachtree Blvd. (Longview Drive to Carver Drive)



ABOUT THE PROJECT

- Installation of approximately 11,000 LF of 12-inch distribution main
- Installation of approximately 11,000 LF of 36-inch transmission main
- Projected Project Cost - \$46,425,510
- Projected Schedule
 - May 27th- Commencing community engagement
 - May 29th- AGL relocate gas main prior to starting work
 - June 3rd- Community Meeting with the City of Chamblee
 - July 7th- Pipe installation
 - Future Meeting to be scheduled at a later date



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CONSTRUCTION OVERVIEW

Andre Martin

Inspections Supervisor

METHODS OF CONSTRUCTION



Jack and Bore

- Trenchless method of construction
- Dig a sending pit and a receiving pit to install new pipe.
- Place a jack and bore machine in the sending pit and cut a hole underground horizontally from the sending pit to the receiving pit, **without disturbing the surface above.**

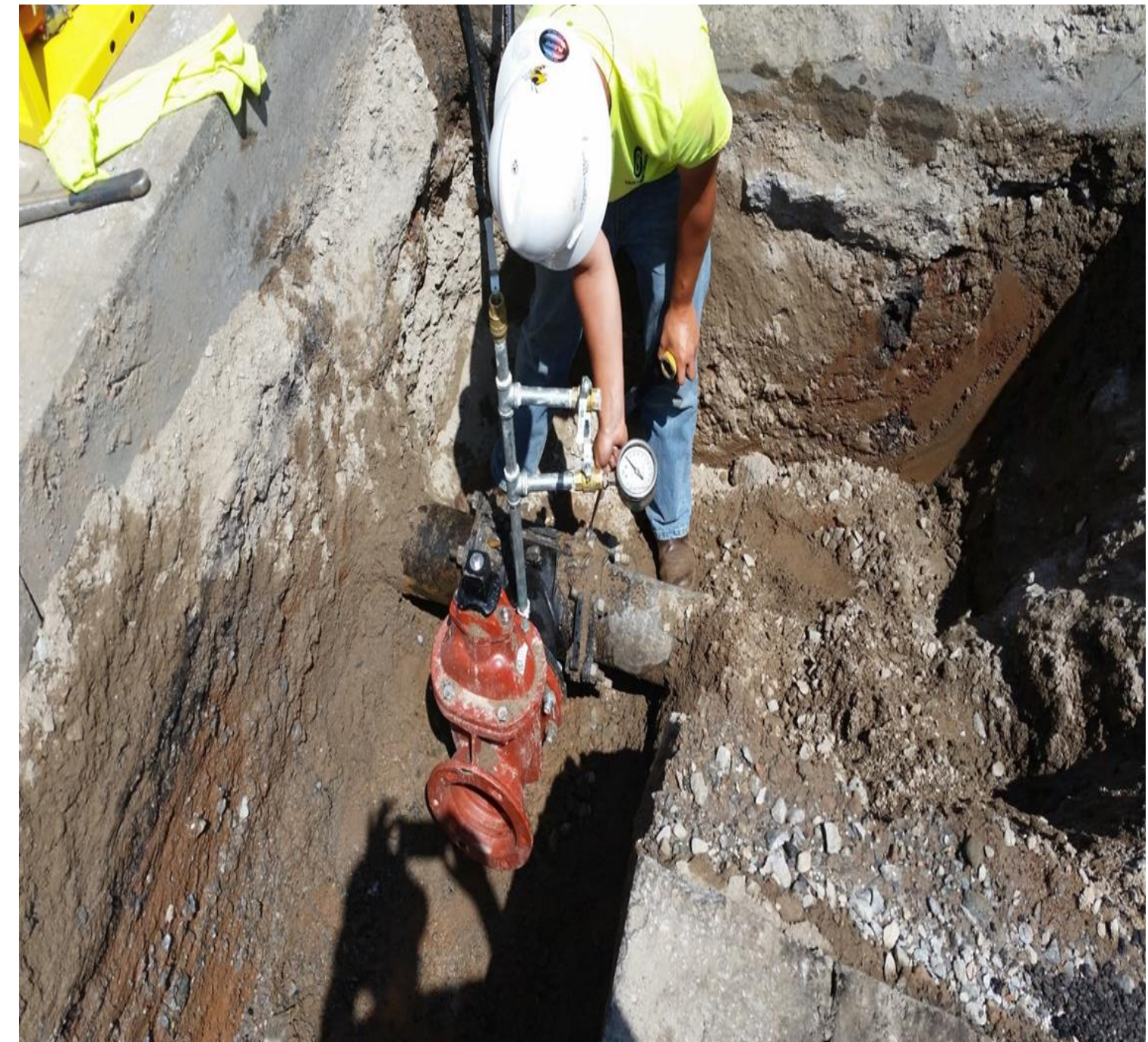


Open Cut Trench Excavation

- Traditional method for pipeline construction, repair, or replacement.
- Most economical method of construction to achieve the County's desired results for water mains.
- Provides the service best suited to the scope of this project.

CONSTRUCTION OVERSIGHT

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



CONSTRUCTION SCHEDULE

- Community Notices..... May 27, 2025
- Preparation and Mobilization..... July 7, 2025 - July 17, 2025
- Subsurface Exploration..... July 23, 2025 – August 8, 2025
- Start Pipe Installation August 6, 2025
- Start Trenchless Excavation August 15, 2025
All work continued through Oct 2027
- Final Restoration..... October 2027 – December 2027
- Construction End..... December 2027

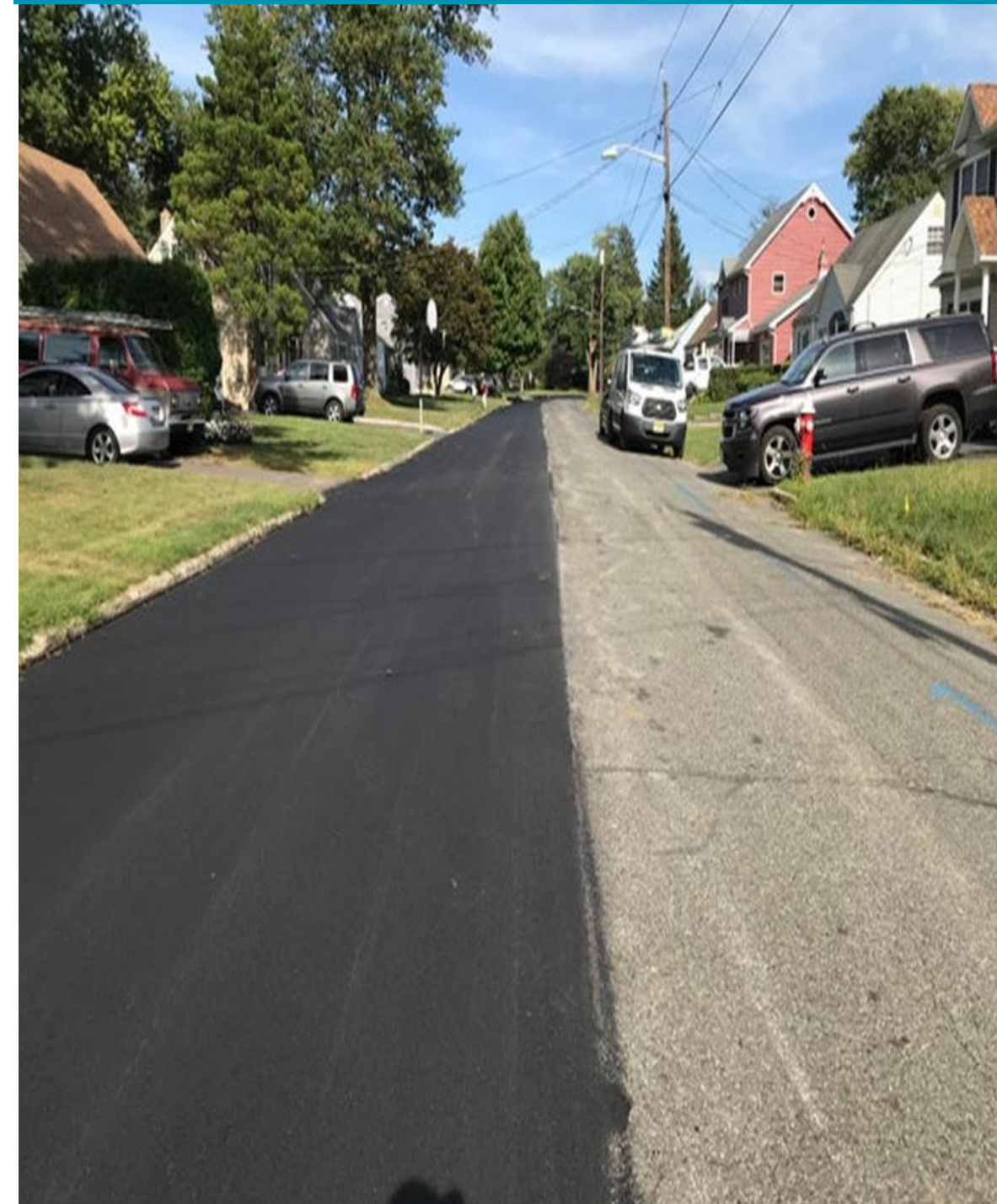


CONSTRUCTION OVERSIGHT

BEFORE



AFTER





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COMMUNITY IMPACTS

Cassandra Marshall, PMP, CCM
Assistant Director, CIP

COMMUNITY IMPACTS



CONSTRUCTION TRAFFIC

Foot and Vehicle Traffic

- Construction Deliveries
- Construction Parking
- Heavy Construction Equipment

01



SAFETY AND SECURITY

- Noise Increase
 - Back up alarms
 - Asphalt cutting
 - Asphalt removal
- Delineating construction zones
- County contractors and employees will have a County issued badge

02



WORK HOURS 7am – 4pm

- Coordination on specific streets
- Owners will have access to driveway, except
 - Temporary blockage for pipe installation
- Prior notifications of water service shutoffs

03



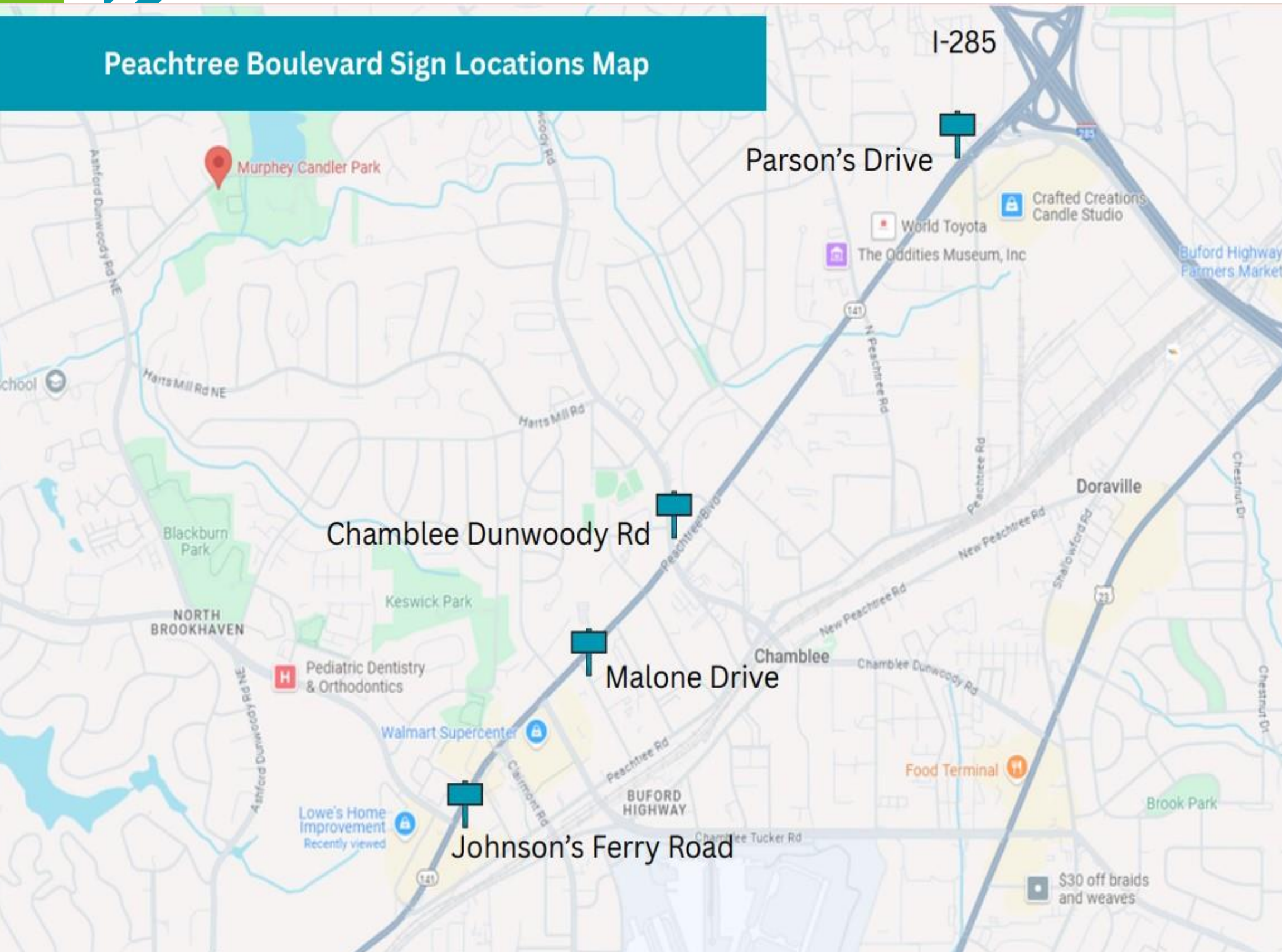
ENVIRONMENTAL PROTECTION

- Minimize dust control and dirt on streets
- Keep silt out of the waters of the State
 - Catch basin filter bags
 - Dewatering bags

04

COMMUNITY AWARENESS

Peachtree Boulevard Sign Locations Map



CONSTRUCTION PROJECT SIGNAGE SAMPLE




DeKalb County
GEORGIA

Lorraine Cochran-Johnson
Chief Executive Officer

Board of Commissioners

- District 1
Robert Patrick
- District 2
Michelle Long Spears
- District 3
Nicole Massiah
- District 4
Chakira Johnson
- District 5
Merida Davis Johnson
- District 6
Edward "Ted" Terry
- District 7
LaDena Bolton



DEKALB COUNTY
DEPARTMENT OF WATERSHED MANAGEMENT

COMMUNITY CONSTRUCTION NOTICE

**CLAIRMONT TERRACE
WATER MAIN
REPLACEMENT
PROJECT**

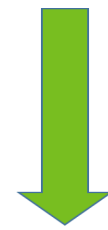
WINTER 2025-SUMMER 2025

www.dekalbwatershed.com



COMMUNITY AWARENESS

MARKED VEHICLE SIGNAGE



**DEKALB COUNTY
WATERSHED**



CONTRACTOR



TRAFFIC CONTROL

- Contractor will provide traffic control to guide residents through the construction zones
- Multiple crews working
- Laydown area – DeKalb Airport
- Planned outages – notifications within 48 hours



DeKalb County
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PUBLIC COMMUNICATIONS UPDATE

Patrece Johnson
Public Education Specialist

COMMUNICATIONS STRATEGY

LETTERS



DeKalb County
GEORGIA

770.414.2355 (o)
404.298.4446 (f)
DeKalbCountyga.gov

Watershed Management
4572 Memorial Drive
Decatur, Georgia 30012

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 48 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.

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

DOOR HANGERS





DeKalb County
GEORGIA



WATER
Matters

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.



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twitter.com/DeKalbCountyGA

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 DeKalb Dispatch

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

COMMUNICATIONS STRATEGY

LIKE, FOLLOW AND SUBSCRIBE

NEXTDOOR



FACEBOOK



TWITTER/X



YOUTUBE



CIP PROJECTS



STAY IN THE KNOW

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
 - Andre Martin: amartin@dekalbcountyga.gov 404-984-3900
 - Mark Nooks: mpnooks@dekalbcountyga.gov 678-296-1050
- Emergency Hotline:
 - Dispatch: 770-270-6243
 - Email: dekalbwaterops@dekalbcountyga.gov



THANK YOU

FOR YOUR ATTENTION