

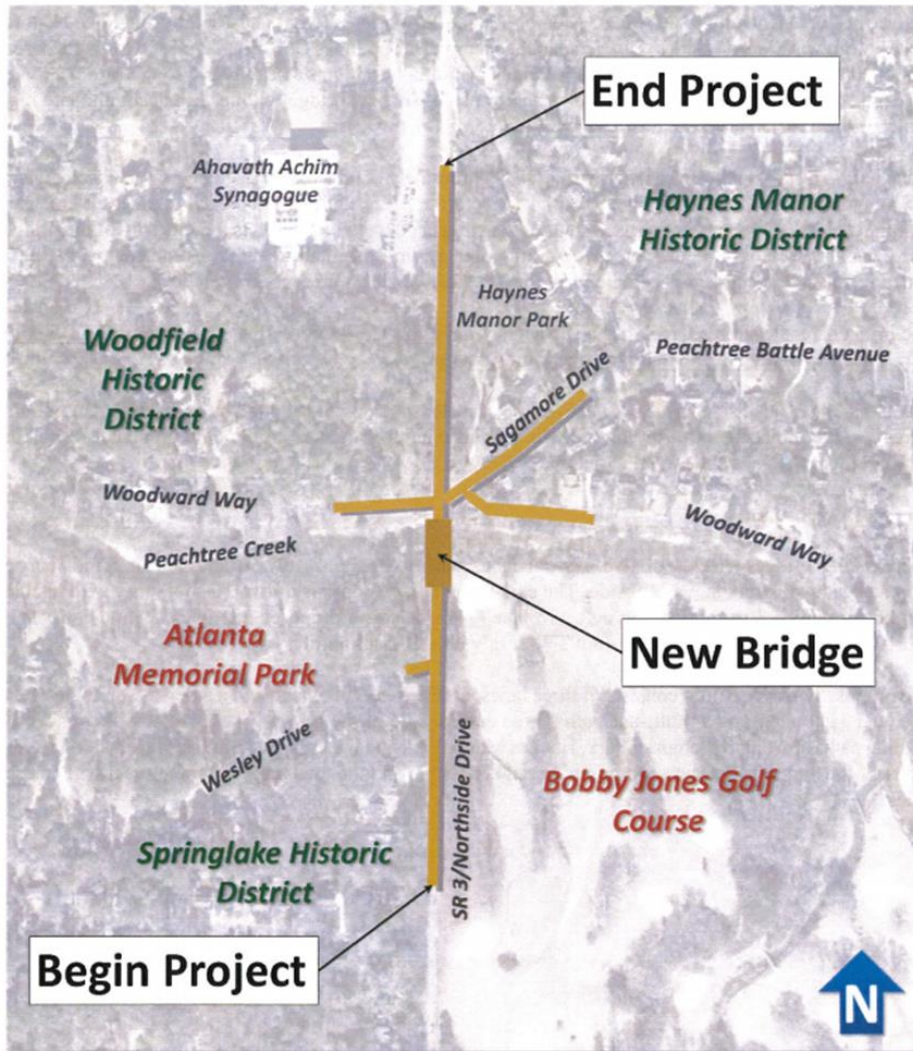


Northside Drive at Peachtree Creek Bridge Replacement Project

**Buckhead Council of Neighborhoods Meeting
March 12, 2020**

Northside Drive at Peachtree Creek

PROJECT LOCATION MAP



- Project Need and Purpose
- Project Description
- Summary of previous and current activities
- Look-ahead

Northside Drive at Peachtree Creek

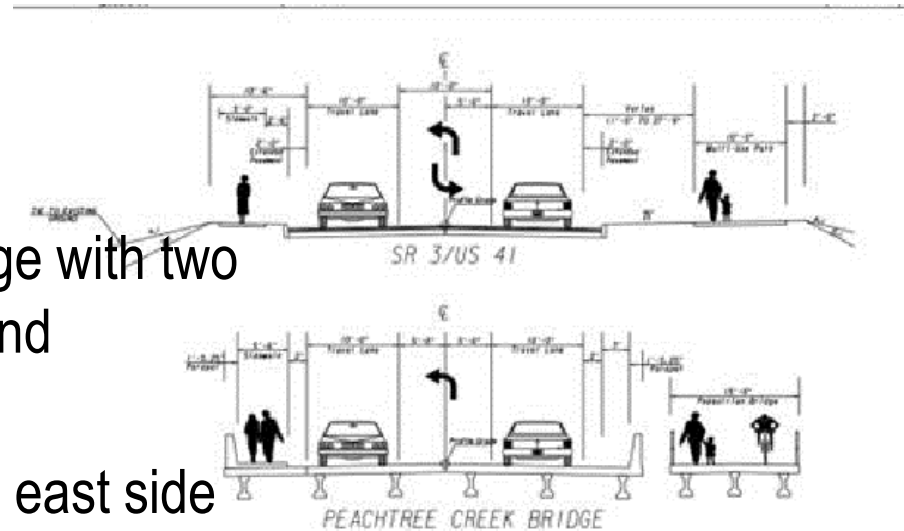
Project Need and Purpose

- ❗ Existing Northside Drive Bridge over Peachtree Creek built in 1926
- ❗ Undersized for today's vehicles
- ❗ Compromised structural integrity
- ❗ Opening under bridge is undersized to accommodate normal flood events
- ❗ Attached water and sewer lines that further impede water flow

Northside Drive at Peachtree Creek

Project Description

- Approx. \$18 million project
- Construct new Northside Drive bridge with two 10-foot lanes, dedicated turn lane and sidewalk on west side of bridge
- Construct new pedestrian bridge on east side of the Northside Drive bridge to connect to the Beltline multi-use trail and accommodate relocated water and sewer lines
- Both bridges will be constructed at higher elevations than the current structures



Northside Drive at Peachtree Creek




Previous Activities


- Work started March 2019
- Extensive underground and overhead utility relocations on Northside Drive in project area through December 2019
- Began relocation of sewer and water lines under the Pedestrian/Utility bridge in January 2020

Current Activities

- 20' deep micropile installation for Pedestrian bridge and Northside Drive bridge (excluding those under the center lane of Northside Drive).
- City of Atlanta DPW installation of new pump station at Northside Drive/Woodward Way through November 2020.



CITY OF ATLANTA DEPARTMENT OF watershed management
Commissioner Kishia L. Powell



**Woodward Way Pump Station #1
Improvements for GDOT Project**

Keisha Lance Bottoms
Mayor

Atlanta City Council

Felicia A. Moore
Council President

Carla Smith

Amir R. Farokhi

Antonio Brown

PROJECT OVERVIEW:
City of Atlanta Department of Watershed Management (DWM) owns and operates Woodward Way Pump Station No.1 (PS-01) that will be upsized to handle larger flows. The proposed improvements include replacing the existing PS-01 with a larger pump station. The upsizing is required due to the replacement of Northside Drive Bridge over Peachtree Creek by the Georgia Department of Transportation. The proposed elevated bridge design prevents the existing 18-inch diameter gravity sewer along the Northside Drive to continue to operate by gravity requiring the flows to be pumped across. The sewer flows from the development North of the Woodward Way and Northside Drive intersection will be diverted to PS-01 which currently only receives flows from the residential development located on the Northeast quadrant of the same intersection. Additionally, sewer flows from existing PS-02 tributary area (Northwest of the intersection) will also be diverted to PS-01 such that two pump stations can be consolidated in to one. The PS-01 will be upsized significantly to handle additional flows and hydraulic head.

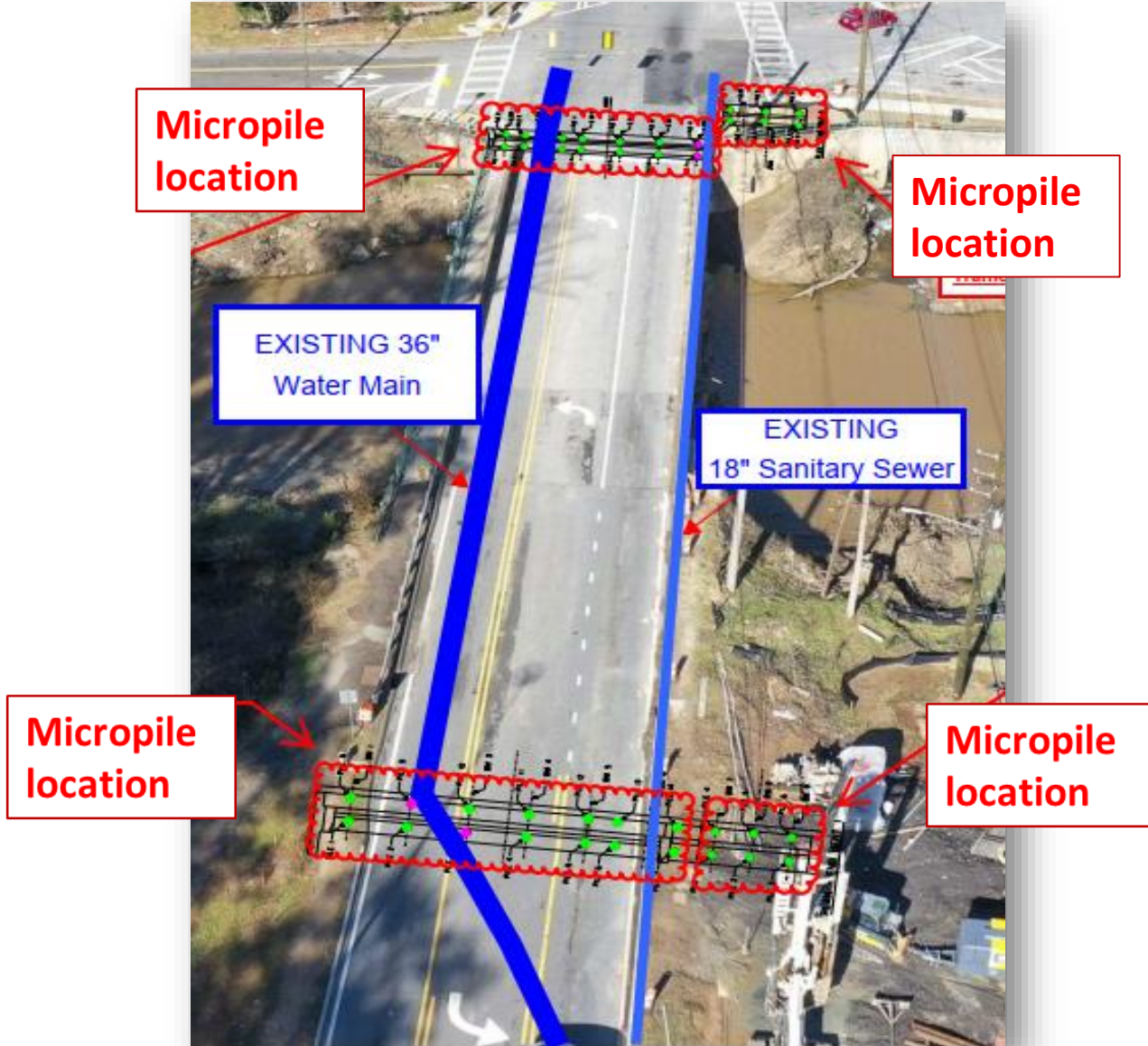
Northside Drive at Peachtree Creek

Look-Ahead

Sequence of Bridge Construction Activities

- 🚧 Build the new Pedestrian/Utility bridge
- 🚧 Relocate underground utilities
 - 🚧 Water and sewer
 - 🚧 Under Northside Drive near Sagamore Way
- 🚧 Attach water and sewer lines to new Pedestrian/Utility bridge
- 🚧 Finish micropile installation for new Northside Drive bridge (under center lane – must be complete before demolition of existing bridge).
- 🚧 This work will require nightly (9p-5a) closures of two lanes on Northside Drive for 21 days in summer 2020 – flaggers will assist drivers through closures.

Northside Drive at Peachtree Creek



Northside Drive at Peachtree Creek

Look-Ahead

Sequence of Bridge Construction Activities – after completion of pedestrian bridge and activation of relocated activities

- 🚧 Remove existing Northside Drive bridge
- 🚧 Build the new Northside Drive bridge
- 🚧 After bridge construction, crews will ensure roadway tie-in to new, higher bridge approaches
- 🚧 For safety and work efficiency, these activities will require full closure of Northside Drive at Woodward Way for 90 days -- traffic will be detoured

Northside Drive at Peachtree Creek

Traffic will be detoured for 90 days – tentative installation Fall 2020
(expect more accurate estimate within the next 2 months)

Signed, State Route Detour: I-75



Northside Drive at Peachtree Creek

Look-Ahead

Post-Bridge Construction

- Realign Beltline Connector path to new Pedestrian bridge approach.
- Paving and striping
- New crosswalk on Northside Drive at Woodward/Sagamore Way
- Suitable stand of grass
- Other project close-out activities
- Project scheduled for completion in **August 2021**

Thank you!

Questions?



District Contacts

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