Gum Branch Sanitary Sewer Outfall

April 24, 2018
Why is this project needed?

- To address both the condition and capacity concerns.

- Construction of approximately 10,000 linear feet of gravity sewer paralleling the Gum Branch stream between Belhaven Boulevard and I-485.

- Reduce the risk of sewer overflows.
Gum Branch Outfall Replacement
Existing Alignment

Legend
- Gum Branch Proposed M
- Gum Branch Proposed Si
- Existing Manhole
- Existing Sewer
- Creeks / Streams
- 2012 Topography
- 100-YR Floodplain
- Park Property

END-LOW POINT
BELMORROW DRIVE
GUM BRANCH ROAD
COULWOOD DRIVE
VALLYDALE ROAD
BIRCHWOOD DRIVE
END-HIGH POINT
Overview

• The project involves the replacement of the existing sanitary sewer outfall along Gum Branch.
• The existing sanitary sewer outfall is undersized for the buildout of the drainage basin, and must be replaced with a larger diameter pipe.
• The new sanitary sewer outfall will be located on the same side of the creek as the existing sanitary sewer outfall.
• Construction will begin on June 4, 2018.
• Project will be fully complete in 360 days.
Construction Activities

- Fencing and erosion control along easement areas
- Dump Trucks, Excavators, and general construction traffic
- Pipe and dirt stored along the easement
- Trench digging
- Placing pipe and backfilling
- Temporary restoration
What Construction Looks Like

- Pipe Installation
- Equipment and Fencing
- Easement Cleared
What Restoration Looks Like
Project Facts

- Construction will primarily be located in backyards.
- Grass will be restored to construction areas.
We are here to answer any questions you might have related to the project as well as discuss any concerns.
Project Contact

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