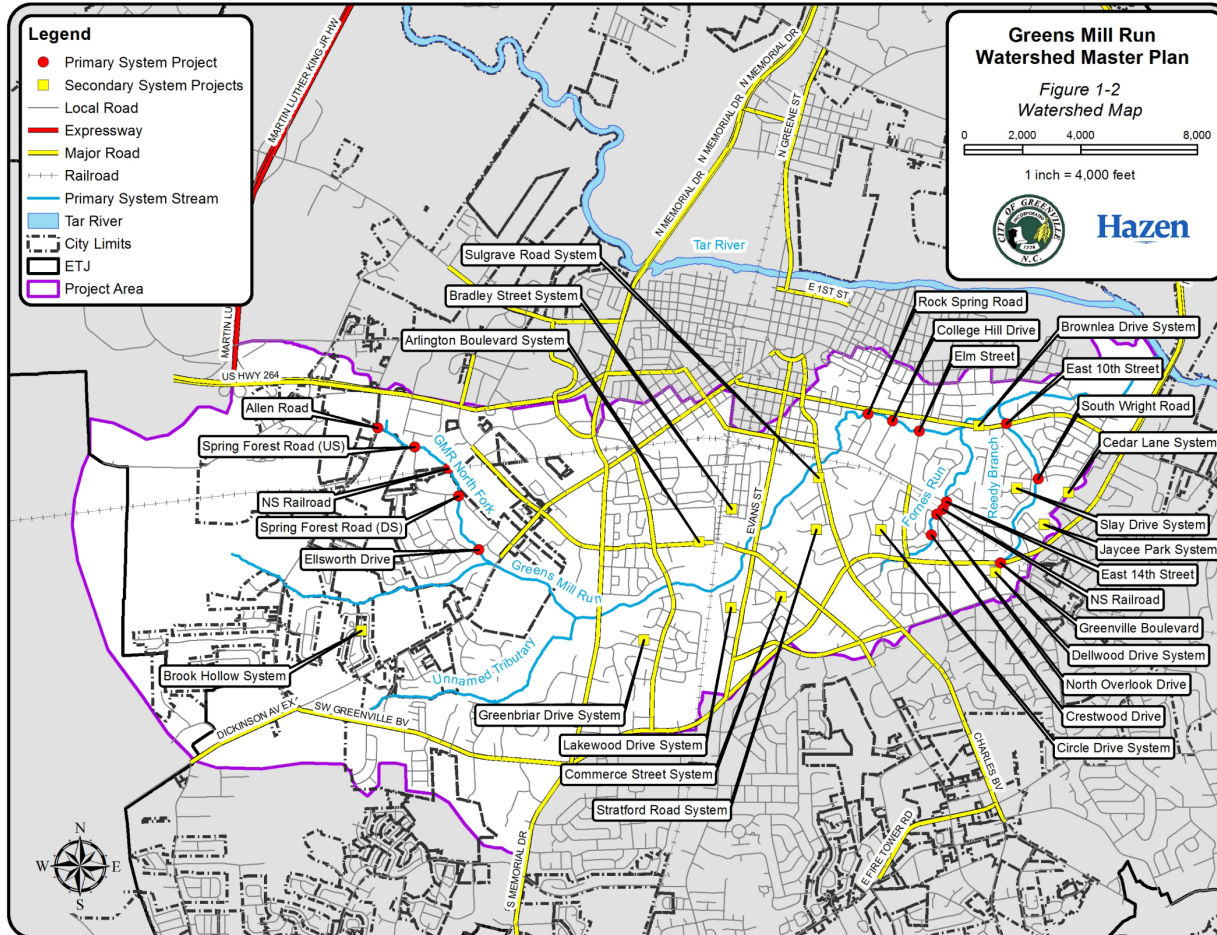


# **Cedar Lane Streambank Stabilization Project**

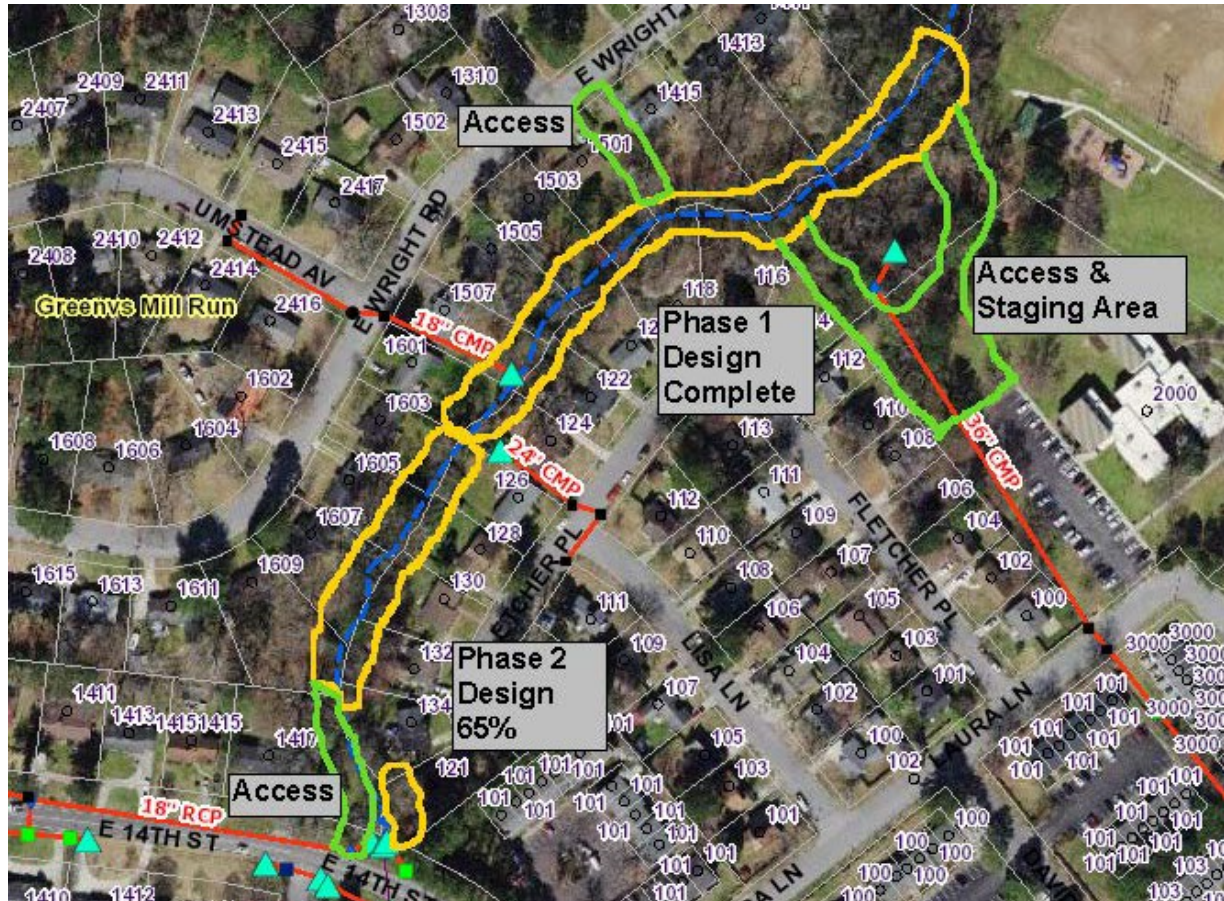
## **Corridor Meeting**

### **November 17, 2022**

# Project Background - Greens Mill Run Watershed Master Plan



## Project Location



1500-foot section of Reedy Branch between E Wright Rd and Cedar Lane from 14st to Jaycee Park

## Existing Stream Conditions



Eroding stream banks contribute to pollutant loading



Erosion contributing to property loss and threatening structures

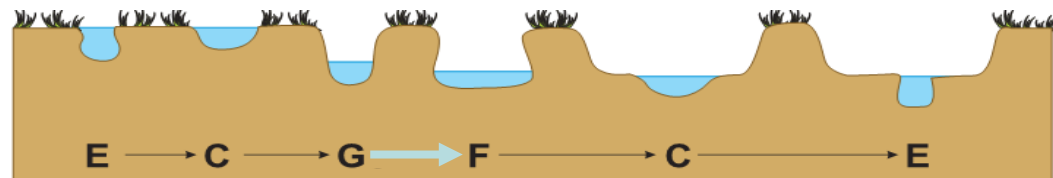
## Existing Stream Conditions



### Channel Incision & Widening:

- High bank shears and erosion threaten existing trees and property
- Bankside trees and structures will be lost to erosion as the channel re-aligns naturally

### Channel Evolution



## Existing Conditions



Aging stormwater outfall pipes



## Project Objectives



- Stabilize the most high-risk banks along this section of Reedy Branch
- Reduce pollutant loading
- Protect against property loss
- Upgrade storm outfalls

## Proposed Design



Bank grading and coir mat for flatter bank slopes



Bank grading with a geotextile support for moderate to steep banks



## Proposed Design



## Re-planting with seed, shrubs and trees



## Impacts

### Transportation Impacts:

- Construction will impact traffic to the Sheppard Memorial Library parking lot and building entrance

### Private Property Impacts:

- Access is required between the residences at 1415 and 1501 East Wright Rd and at 1417 14<sup>th</sup> St.
- Permanent Drainage Easements and Temporary Construction Rights of Entry
- Tree removal and grading
- Fencing and structures along the project area may be removed or relocated

## Project Timeline



### **Corridor Meeting**

November 17, 2022



### **Final Design and Permitting:**

November 2022 - February 2023



### **Construction Begin:**

Summer 2023

# Contact Us

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