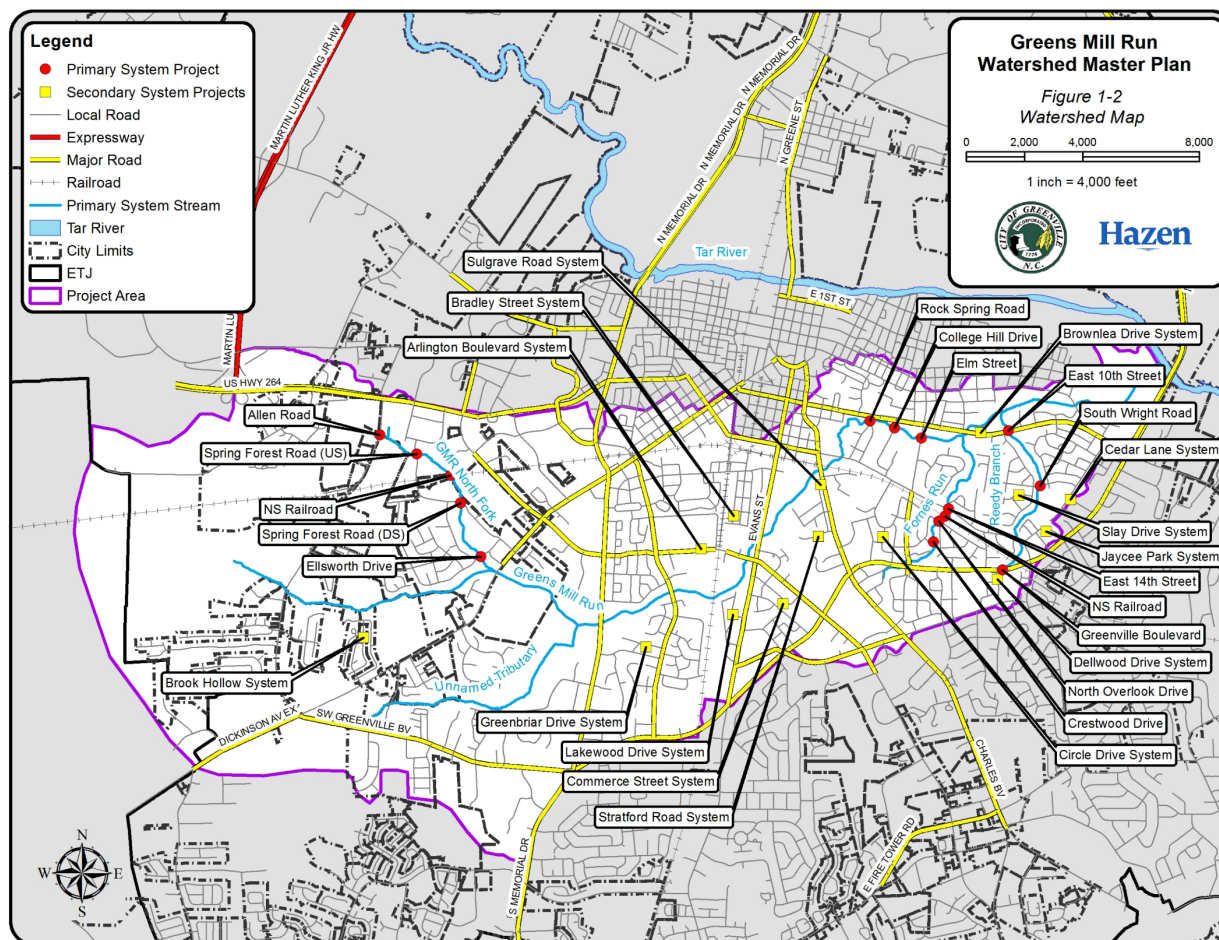


Cedar Lane Streambank Stabilization Project

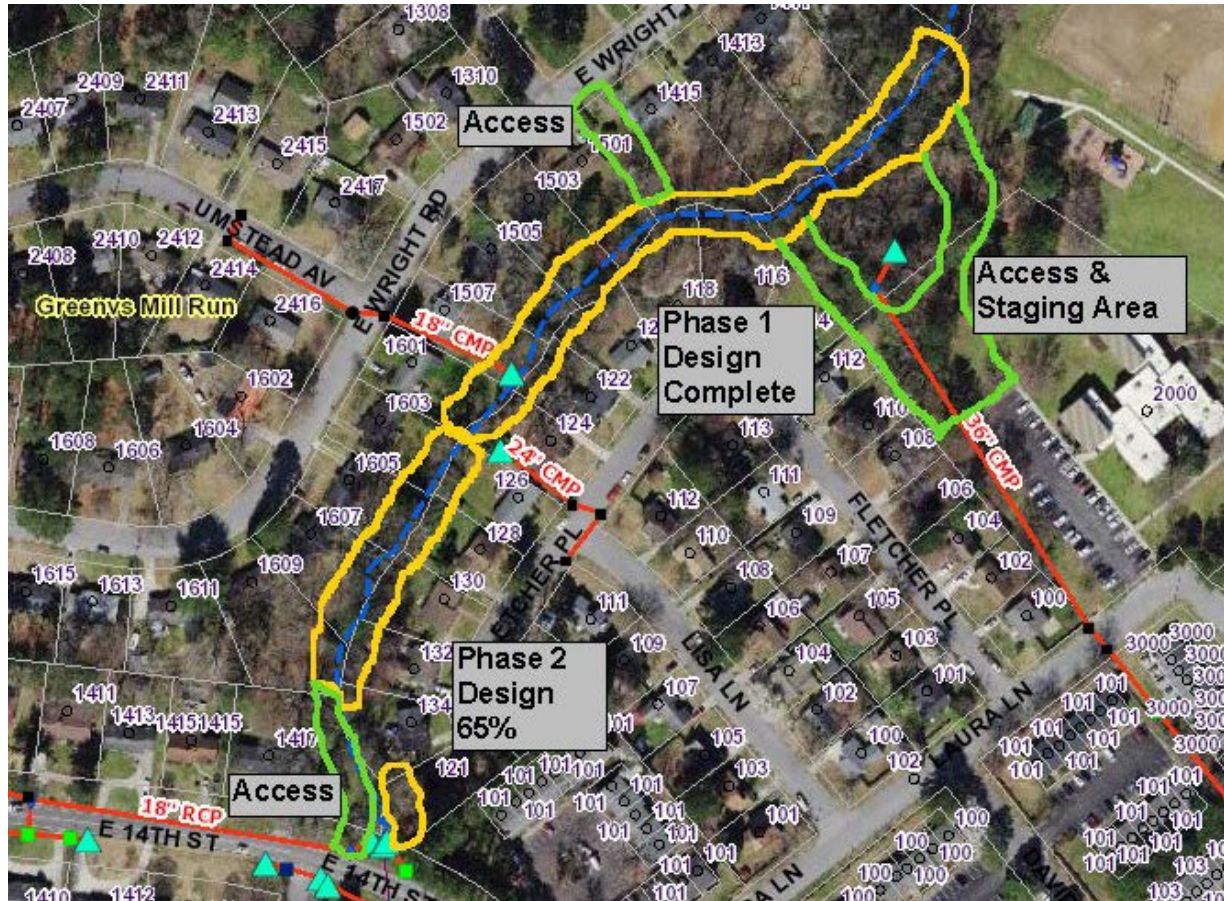
Corridor Meeting

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 14th to Jaycee Park



Existing Stream Conditions



Eroding stream banks
contribute to pollutant
loading



Erosion contributing to property loss
and threatening structures



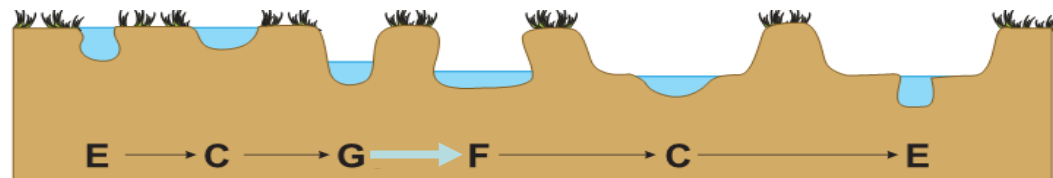
Existing Stream Conditions



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



Pipe replacement and stone outfall protection



Existing stacked concrete to remain



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 14th 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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