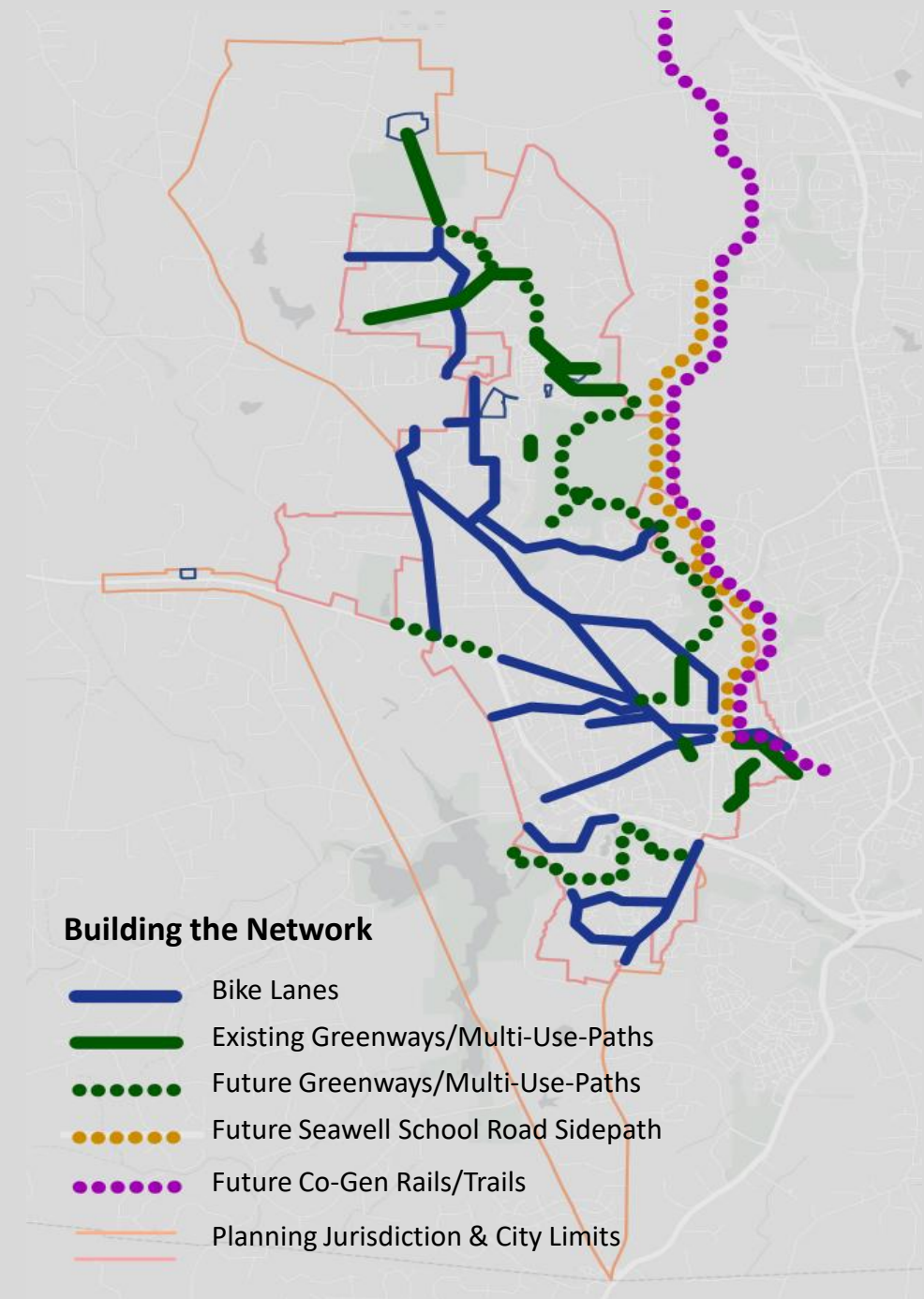




TOWN OF CARRBORO • NC

# Update on Transportation Projects

Town Council Meeting – January 20, 2026



# Overview of Presentation

- Infrastructure Projects
  - Funded & Underway
  - Next in Queue (Funded but not yet underway)
  - Projects Submittal for Funding
- Federal Funding Opportunities
  - State Transportation Improvement Program (STIP)
  - Regional Flexible Funding (RFF)
  - Safe Streets for All (SS4A) & BUILD grants
- Other Funding Sources
  - Orange County Transit Funds
  - Highway Safety (HSIP)
- Project Descriptions/Concept Plans
- Small Scale Projects - ADA & Bike-Ped Safety
- Non-Infrastructure Programs
- Weaver Street Weekend bike-ped closure
- Summary

# Infrastructure Projects – At a Glance

## **Federally Funded & Closed-Out**

Homestead Road-Chapel Hill Multi-Use Path (U-4726DE) - (final reimbursements completed; project closed out)

- 1) Damaged bridge section replacement – completed December 2025 (Town funded)

## **Federally Funded & Underway**

## **Anticipated Schedule**

- |  |   |
|--|---|
| 2) Bike Loop Detectors (U-4726DF)                    | Constructed – NCDOT inspection & administrative closeout  |
| 3) Morgan Creek Greenway Phase 1 (EL-4828A)          | Bid Opening – December 2025, contractor award January 20  |
| 4) NC 54 Pedestrian Activated Crossings (BL-0044)    | Construction – Contract awarded, February 2026 start date |
| 5) Jones Creek Greenway (C-5181)                     | Advertise June 2026                                       |
| 6) Bike Plan Projects-Shelton Street, etc. (BL-0149) | Advertise June/July 2026                                  |
| 7) South Greensboro Street Sidewalk (C-5650)         | Advertise December 2026                                   |

# Infrastructure Projects – At a Glance, continued

## Next in Queue (Funded but not yet underway)

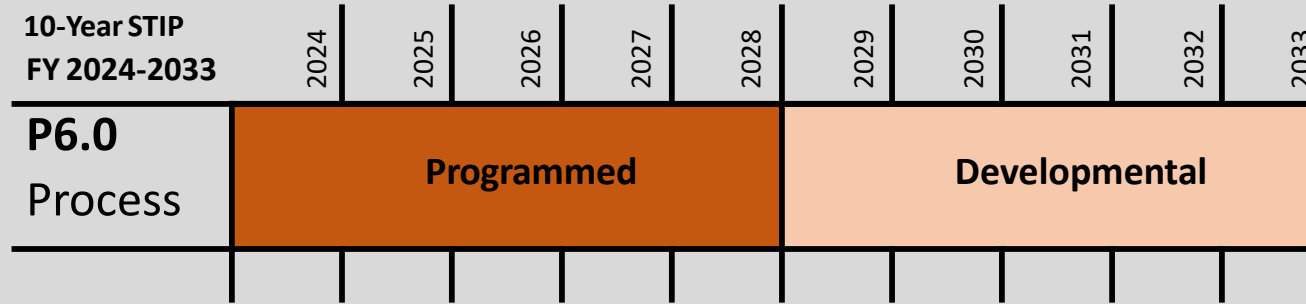
## Anticipated Schedule

- |   |                                |
|---|--------------------------------|
| 8) Estes Drive Extension Bike-Ped Improvements (EB-5886A)     | Start design FY26              |
| 9) Bolin Creek Greenway Phase 2 (BL-0151) (Design only)       | Start design FY 27             |
| 10) Barnes Street Sidewalk (EB-5890)                          | Start design FY27              |
| 11) Jones Ferry Road Sidewalk (EB-5880)                       | Start design FY27              |
| 12) SS4A Planning & Demonstration Grant pavement markings     | Design/installation FY27/28    |
| 13) North/South Greensboro St Resurfacing buffered bike lanes | Summer 2026 or 2027            |
| 14) Pedestrian Crossings RRFBs – SS4A / HSIP Funding          | FY28                           |
| 15) ADA Improvements around Drakeford Library Complex         | FY27 to align with resurfacing |
| 16) 203 Connector   | Start design FY27/28           |
| 17) West Main Street Sidewalk                                 | Start design FY27/28           |

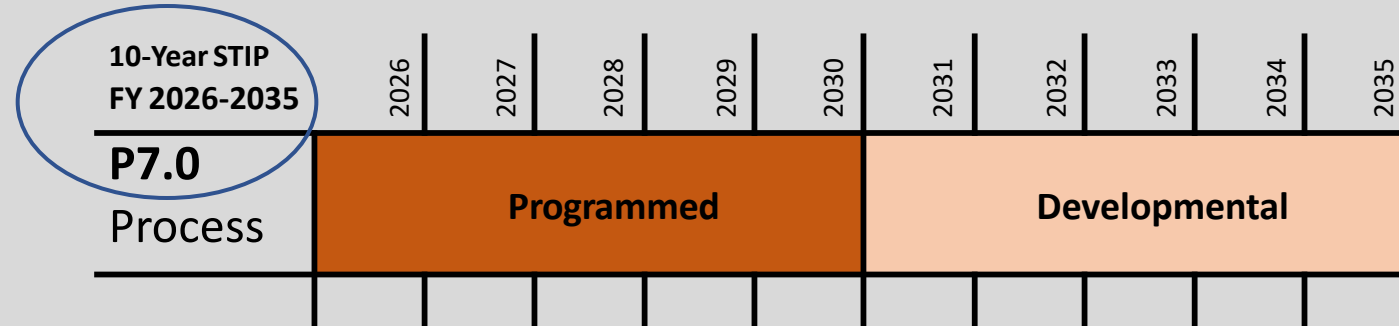
# NCDOT STIP & Prioritization Schedule

## Strategic Transportation Investments (STI) Law

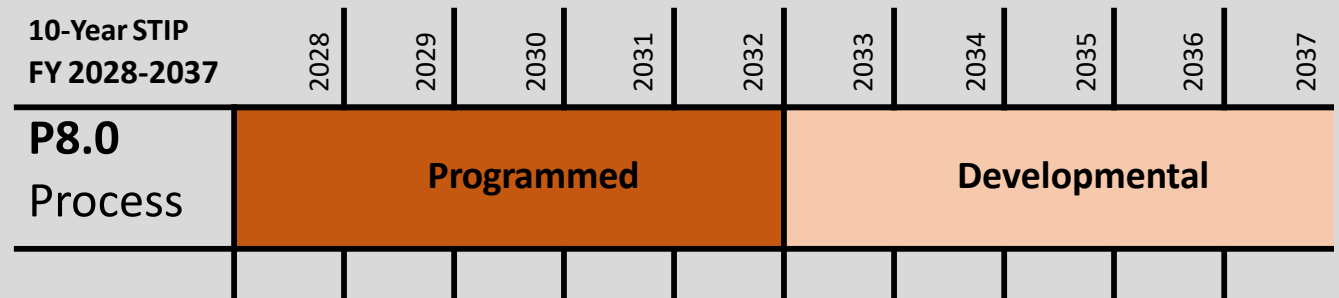
P6.0 began 2019, cancelled 2021. Focus on updating costs. Adopted June 2023.



NCDOT adopted FY2026-3035 STIP in July 2025.



P8.0 prioritization process began spring 2025; anticipated approval summer 2027.



# Submitted for Funding for P8.0

## **Prioritization Process P8.0 for NCDOT FY2028-2037 STIP**

- Bike lanes & sidewalk (one side) Hillsborough/Old NC 86 from Farmhouse Road to Calvander
- Morgan Creek Greenway Phase 2
- Bolin Creek Greenway Phase 2 (ROW & Construction)
- Bolin Creek Greenway Phases 3-4
- Seawell School Road Sidepath
- NC 54 Sidepath (EB-5880)

# Other Funding Sources

## Regional Flexible Funds

Competitive federal funding (80/20) thru TWTPO

Next call for projects:

- Request for additional funds for Jones Creek Greenway (FY26/27)
- Request for additional funds for South Greensboro St Sidewalk (FY28)



## Safe Streets for All (SS4A) Grants / BUILD Grants

### Safe Streets for All Grants

Infrastructure Investment and Jobs Act

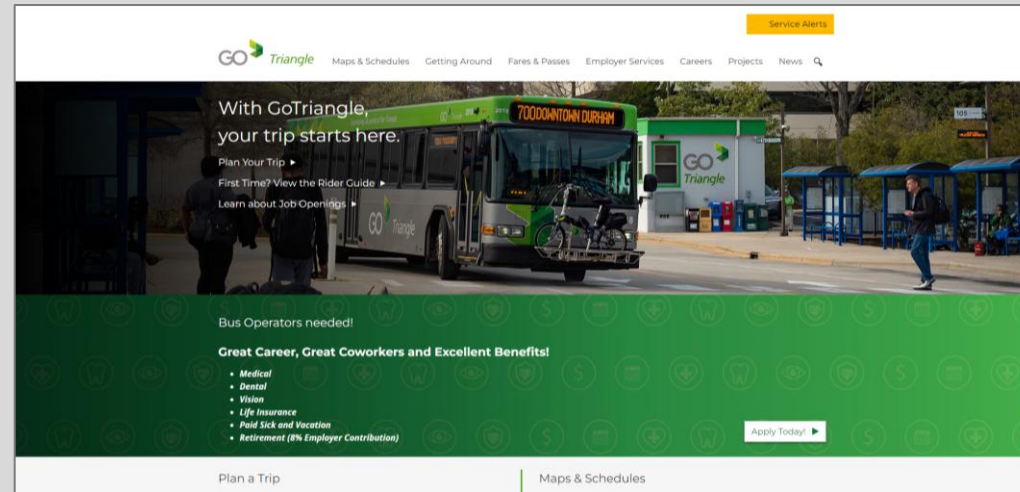
- 1) Development of a Comprehensive Safety Action Plan - **TWTPO Safety Action Plan adopted April 2025**
- 2) Implementation of the Action Plan (funding for infrastructure)
  - ✓ An adopted Action Plan is a prerequisite for applying for funding for infrastructure.
  - ✓ Demonstration & Planning grants – **Notice of \$780,000 award in December 2025 (\$624,000/\$156,000)**
    - Next Notice of Funding Opportunity – **FY26 SS4A anticipated in winter/spring 2026; submitted deadline May/June 2026**

**BUILD Grants – NOFO released; submittal deadline February 24, 2026**

**Other - NCDOT SRTS/HSIP - TBD**



# Orange County Transit Plan



## Funding for Carrboro Capital Projects

- ✓ Rogers Road Sidewalk/bus shelter
- ✓ Signalized Pedestrian Crossings (NC 54) (NCDOT managed)  
at Westbrook Dr, Abbey Ln, Kingswood Apartments
- Morgan Creek Greenway Phase 1
- South Greensboro Street Sidewalk
- Estes Drive Extension Bike-Ped Improvements/corridor study
- 203 Connector
- Segment of sidewalk along West Main Street (O-2 Fitness)

## Development of FY27 Work Program getting underway

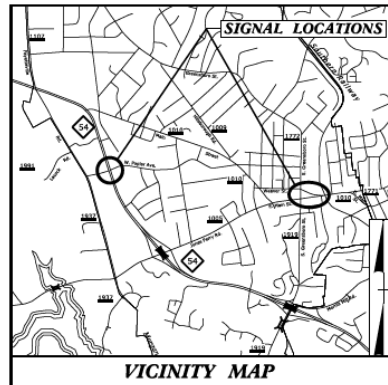
- Funding may be more limited in FY27 and later due to financial model. Possible delay in start time for 203 & West Main.



# Bike Loop Detection

PROJECT: U-4726DF

CONTRACT:



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

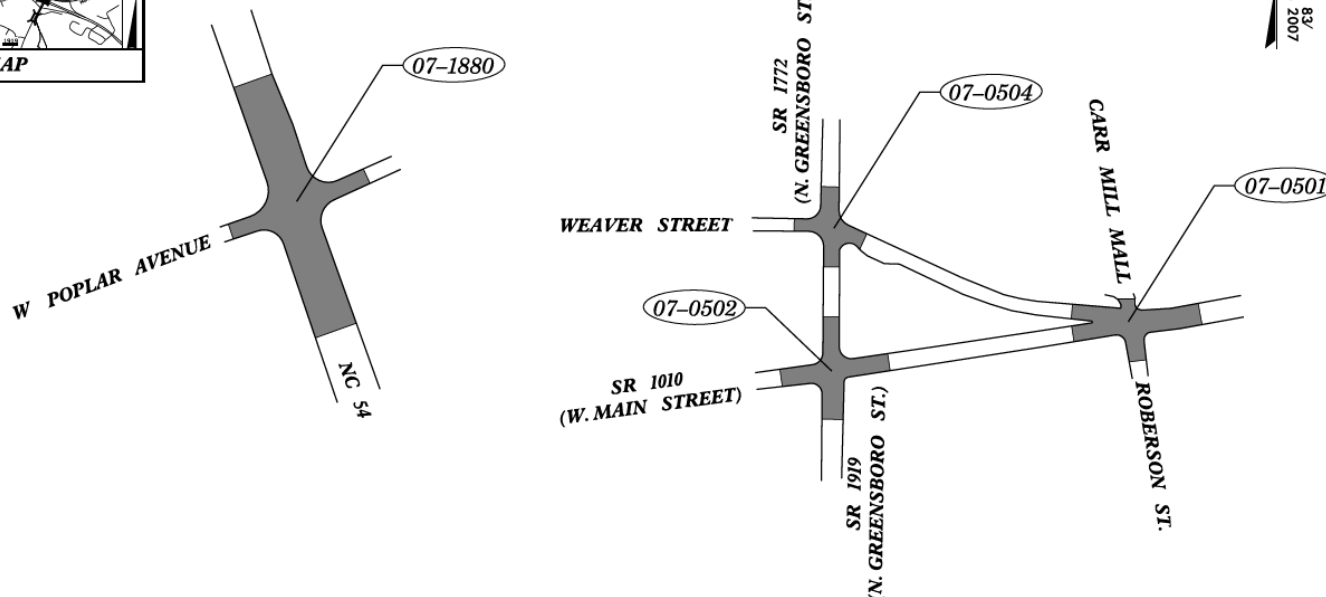
## ORANGE COUNTY

LOCATION: SR 1010 (E. MAIN STREET) AT ROBERSON ST./CARR MILL MALL;  
SR 1010 (E. MAIN STREET) AT SR 1772/1919 (GREENSBORO ST.);  
WEAVER STREET AT SR 1919 (N. GREENSBORO ST.);  
NC 54 AT W POPLAR AVE

TYPE OF WORK: TRAFFIC SIGNALS



NAD 83/  
NSRS 2007



### INDEX OF PLANS

SHEET NO.	SIG. INV. #	DESCRIPTION
SRG-0.0		Title Sheet
SRG-1.0 - SRG-1.3	07-4501	SR 1010 (E. Main Street) at E. Weaver Street & Roberson Street/ Carr Mill Mall
SRG-2.0 - SRG-2.3	07-4502	SR 1010 (Main Street) at SR 1772/1919 (Greensboro St.)
SRG-3.0 - SRG-3.3	07-4504	Weaver Street at SR 1919 (N. Greensboro St.)
SRG-4.0 - SRG-4.4	07-1880	NC 54 at W. Poplar Ave.

### TRANSPORTATION SYSTEMS MANAGEMENT AND OPERATIONS UNIT

Contacts:

**Rob Ziemba, PE**  
Signals Engineer, Central Region

**Todd Joyce, PE**  
Signal Equipment Design Review Engineer

Plans Prepared For:  
DIVISION OF HIGHWAYS  
TRANSPORTATION MOBILITY AND SAFETY  
DIVISION



750 N. Greenfield Pkwy, Garner, NC 27529



Stantec Consulting Services Inc.  
801 Jones Franklin Rd., Suite 300  
Raleigh, NC 27606

Tel. 919.851.6866  
Fax. 919.851.7024  
www.stantec.com  
License No. F-0672

**Regina Muncey, PE**

Senior Transportation Engineer

**Derrick Waller, PE**

Transportation Engineer

APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_



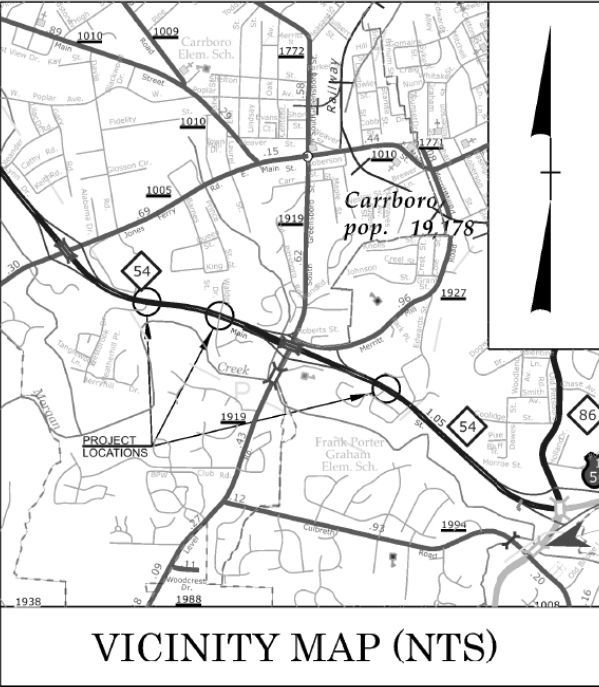


# Morgan Creek Greenway Phases 1 & 2





# Signalized Pedestrian Crossings along NC 54



## Anticipated Schedule

- CON: February – December 2026
- Landscaping through February 2027
- CHT – Bus shelters

TIP PROJECT: BL-0044

CONTRACT: DG00658

See Sheet 1A For Index of Sheets

VICINITY MAP (NTS)

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

ORANGE COUNTY

LOCATION: NC HWY 54 AT INTERSECTIONS WESTBROOK DR.,  
ABBEY LN., AND KINGSWOOD APT. IN CARRBORO  
AND CHAPEL HILL

TYPE OF WORK: CONCRETE, PAVING, AND SIGNALS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BL-0044	1	
PROJECT NO.	F.A. PROJ. NO.	DESCRIPTION	
49998.1.1		PE	
49998.1.2		ROW	
49998.1.3		CONSTRUCTION	

WESTBROOK DR.

4

ABBEY LN.

5

KINGSWOOD APARTMENTS

6 - 7

\*DRAWINGS NOT TO SCALE\*

GRAPHIC SCALES

DESIGN DATA

PROJECT LENGTH

Prepared in the Office of:  
DIVISION 7 DDC  
1584 Yanceyville Street, Greensboro, NC 27357

RIGHT OF WAY DATE:  
N/A

LETTING DATE:  
SEPT. 4, 2025

TRUNG NGUYEN, MS, PE  
PROJECT ENGINEER

JAMES B. YATES, MS, PE  
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

N/A

ROADWAY DESIGN ENGINEER

DocuSigned by:  
James B. Yates  
06/10/2025

SEAL  
056425  
JAMES B. YATES  
P.E.

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

# JONES CREEK MULTI-USE PATH

-MEETING MAP-  
September 24, 2019



MULTI-USE PATH TYPICAL SECTION



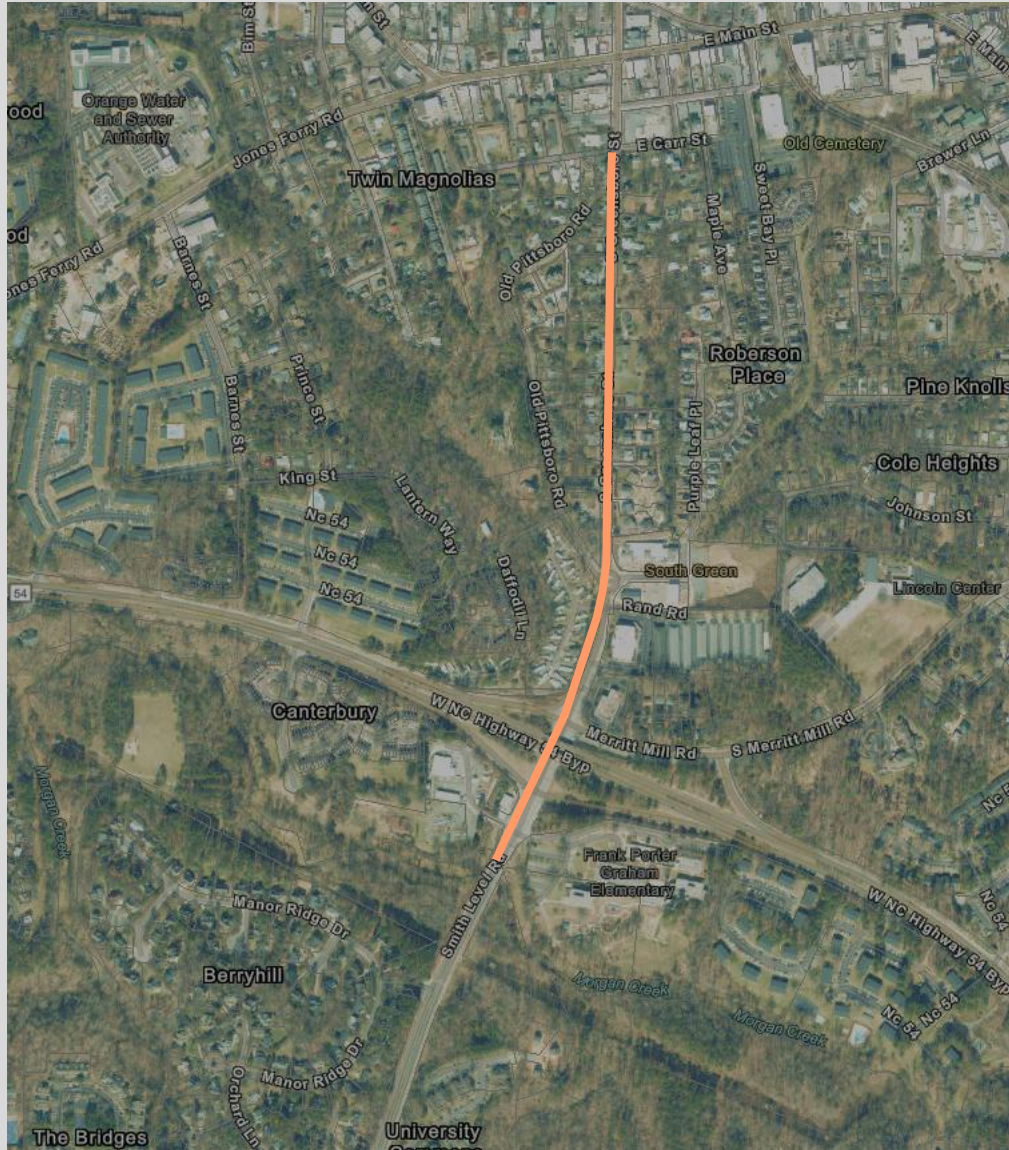
# Jones Creek Greenway

## Anticipated Schedule

- Request additional federal funding through STIP amendment process
- Amend the municipal agreement with NCDOT
- Finalize remaining approvals
- Advertise for bid/RFQ for CEI services
- Award bid
- Construct (target summer 2026)



# North and South Greensboro Street



## S Greensboro St Sidewalk

- 65% Design
- Waterline Replacement
- Shared-Use Path 300 Block of S Greensboro
- Bike lanes south of roundabout

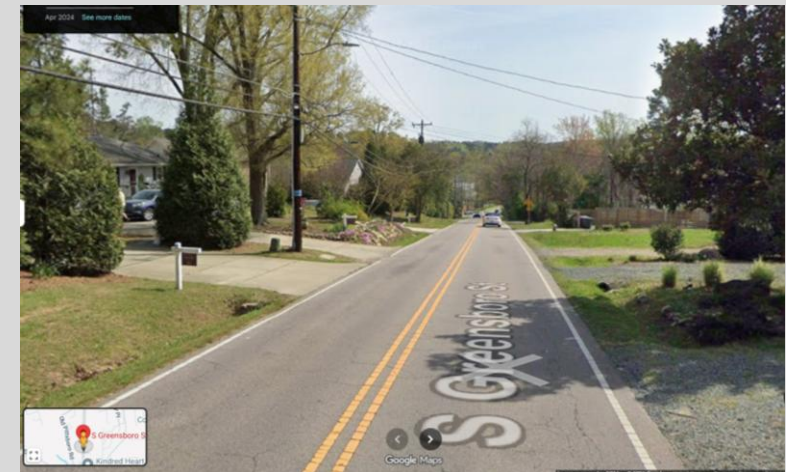
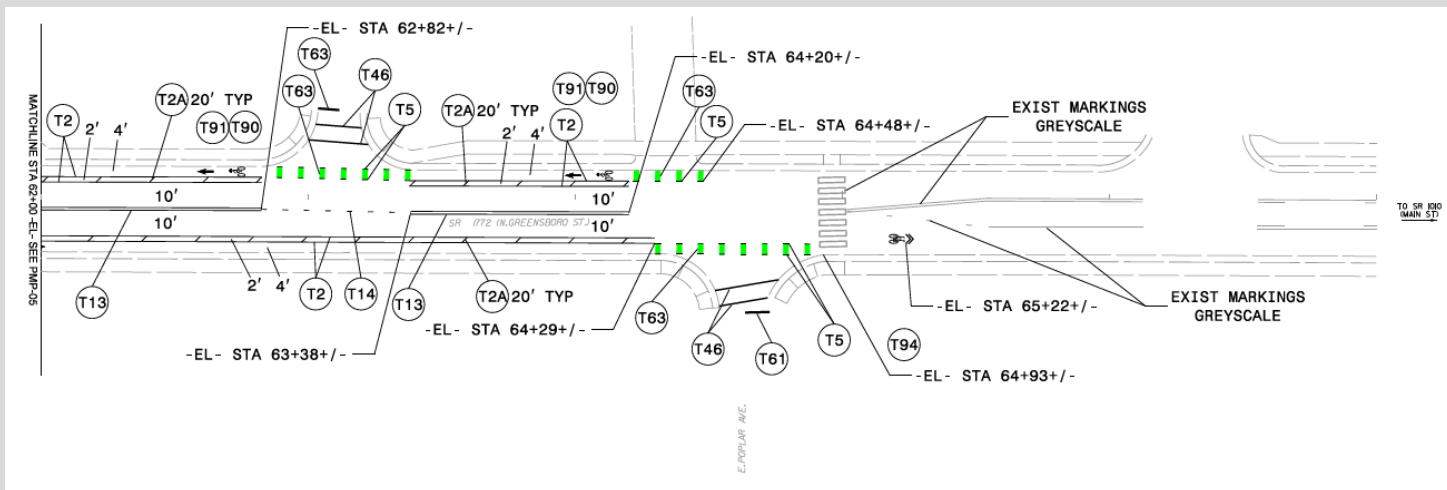
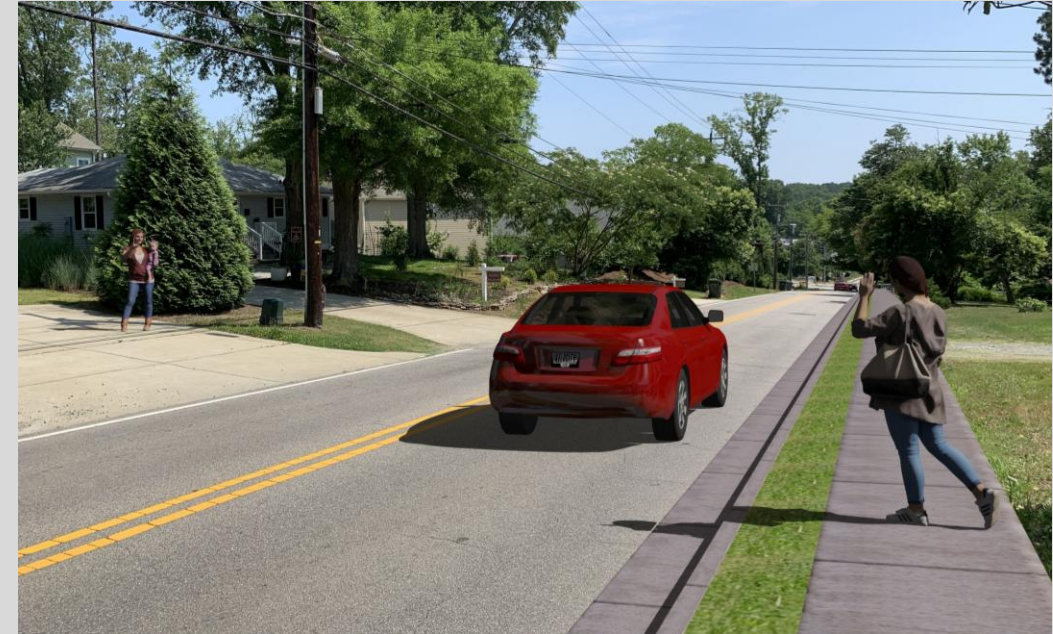
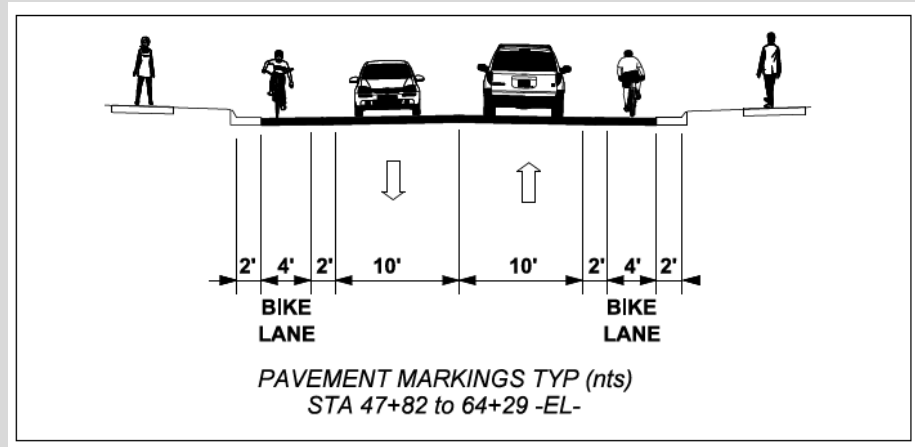
**N Greensboro St**  
Resurfacing/Restriping for  
Buffered Bike Lanes  
Pedestrian Crossings

- Funded & Underway
- Design Underway
- Resurfacing
- Sidewalk





# North and South Greensboro Street, continued





# W Main, Poplar, & Hillsborough



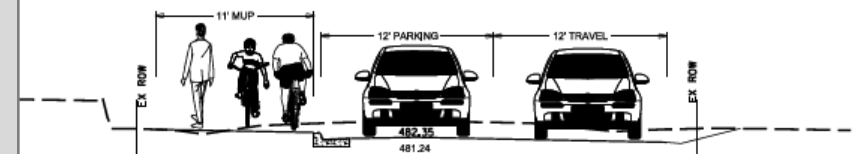
## Regional Flexible Funding

- Bike-Ped Improvements to Shelton Street – Carrboro Elementary
- East Poplar Pedestrian Lane
- Maple Avenue Contra-flow  
*(Northbound/Southbound direction to be determined based on Weaver St.)*

## SS4A Demonstration Grant

- Improved crossings for Hillsborough & West Main w/ painted refuge island.
- Improvements at East Poplar/West Main & West Poplar/West Main
- Explore buffer bike lanes and possibly delineators along Hillsborough
- RRRBs at Hillsborough/N Greensboro & Quail Roost/N Greensboro

Typical Section Shelton St. MUP





# W Main, Poplar, & Hillsborough

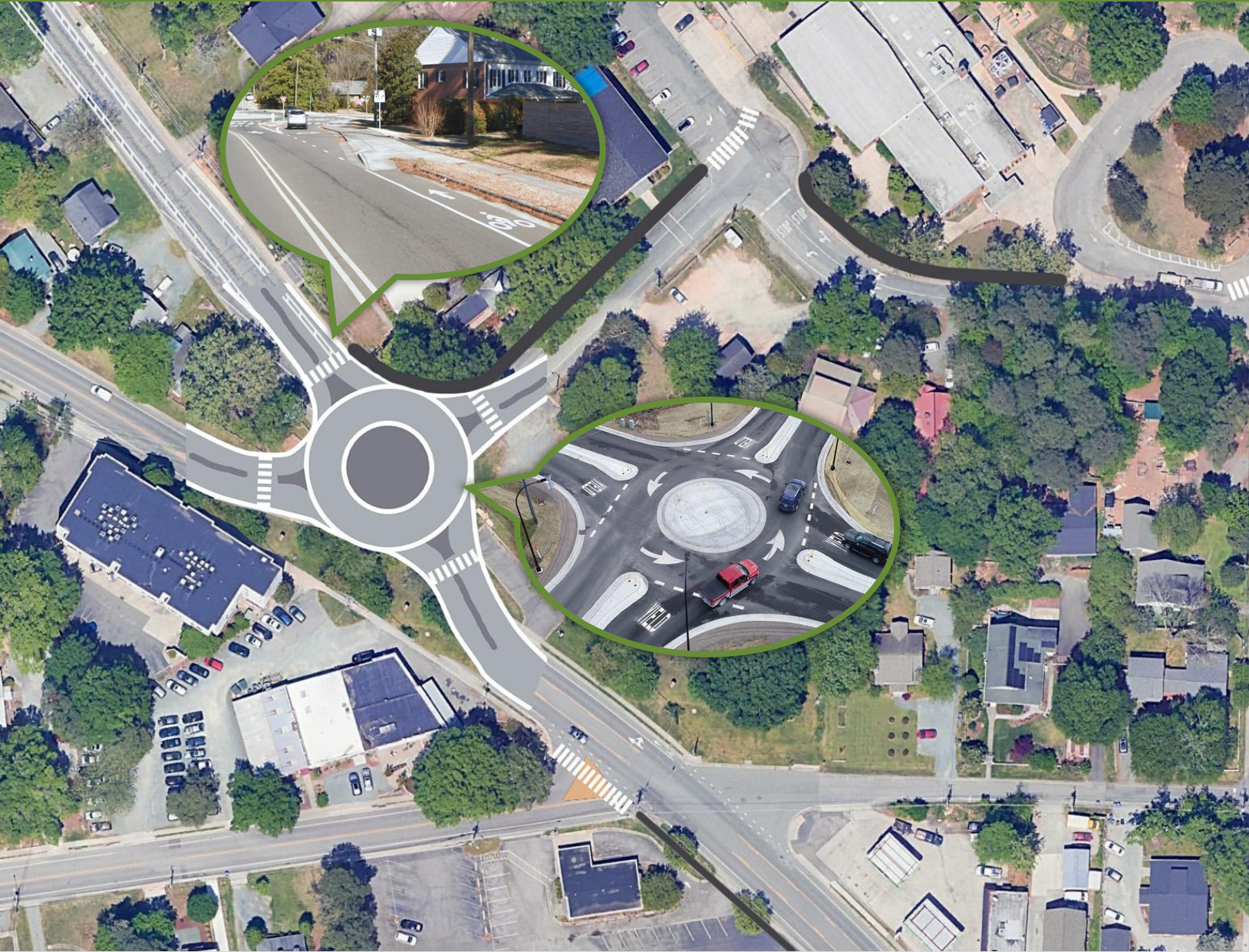


## Intersection Improvements – All-Way Stop (AWS) Alternative

- Regional Flexible Fund
  - Shelton Street Multi-Use Path
  - Tweaks to design needed
- Safe Streets for All
  - Painted Refuge Island on Poplar
  - Crosswalk on Main at Poplar
  - Buffered Bike Lanes on both sides of Hillsborough
- All Way Stop
  - Hillsborough Painted Refuge Island redesign needed
  - Move Hillsborough crosswalk
  - Extend and connect Sidewalk along Main Street



# W Main, Poplar, & Hillsborough



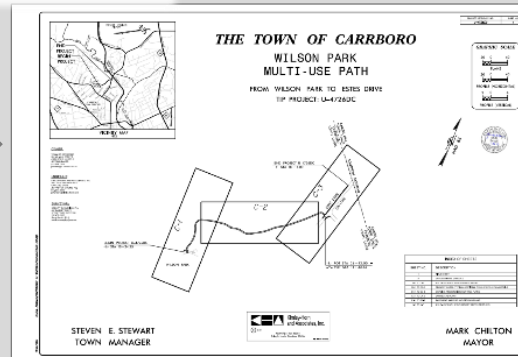
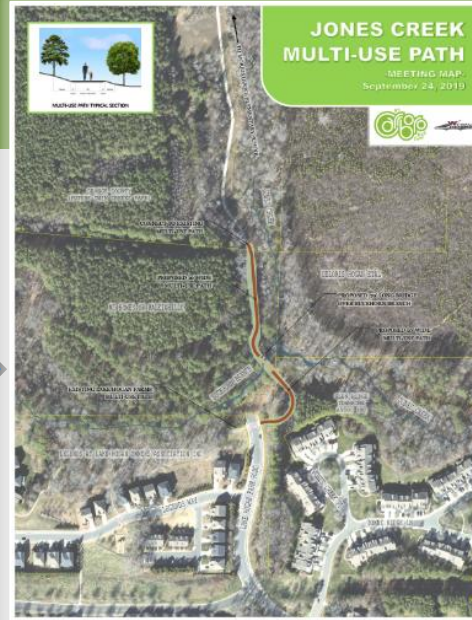
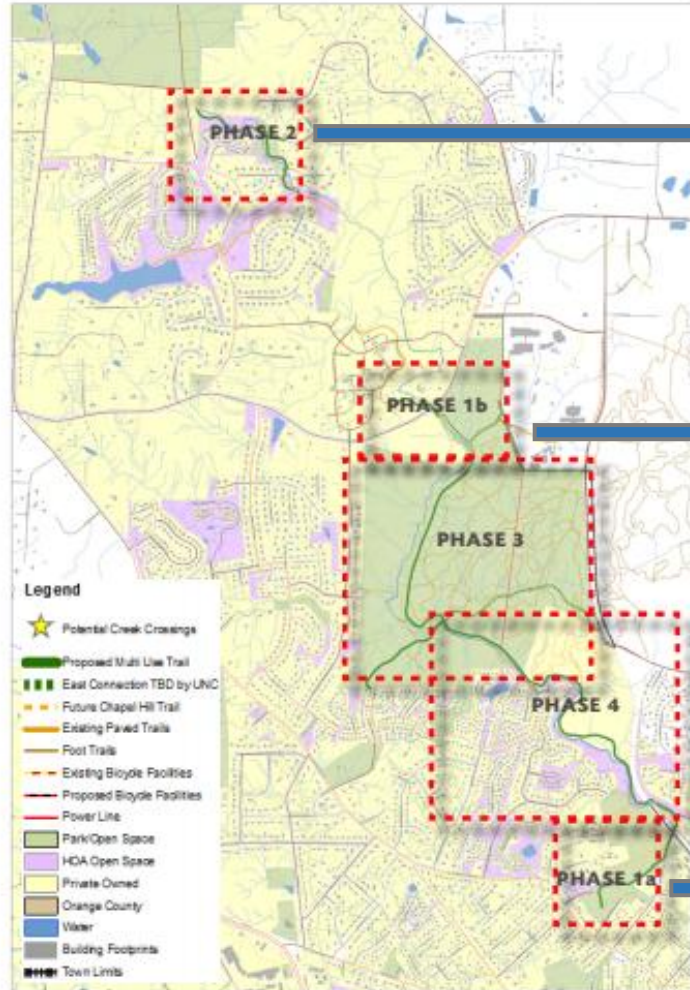
## Intersection Improvements – Possible Future Traffic Circle Alternative *(Additional funding would be needed)*

- Regional Flexible Fund
  - Shelton Street Multi-Use Path
  - Changes to design needed
- Safe Streets for All
  - Painted Refuge Island on Poplar
  - Crosswalk on Main at Poplar
  - Buffered Bike Lanes on both sides of Hillsborough
- Traffic Circle
  - Concrete center for large vehicle movement
  - Bikes directed onto wide sidewalk



### 3. Phasing Plan

There are more than 4.5 miles of greenway (including spur trails) along the Bolin Creek Greenway. Regardless of available funds, it is necessary to prioritize the construction of the trail segments. Input from the public, availability of funding, existing land ownership, permitting issues, engineering constraints, destination points and existing improvements projects were considered in the development of the phasing plan and are broken down on the following pages.



# Bolin Creek Greenway

## Completed/Underway

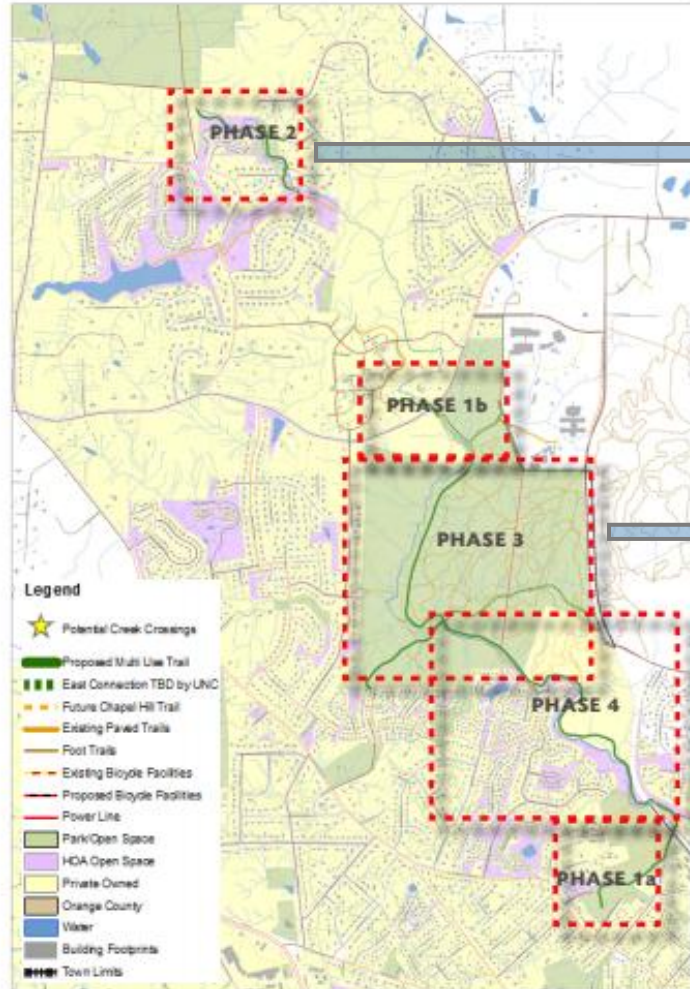


# Bolin Creek Greenway

## Not Yet Initiated

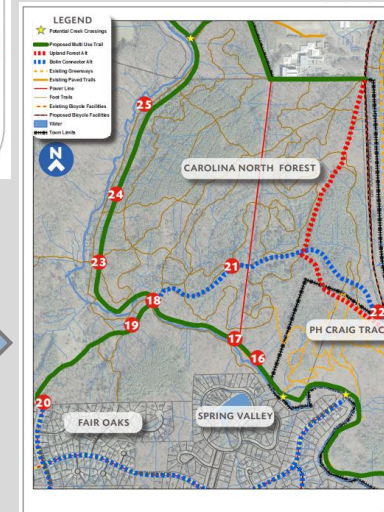
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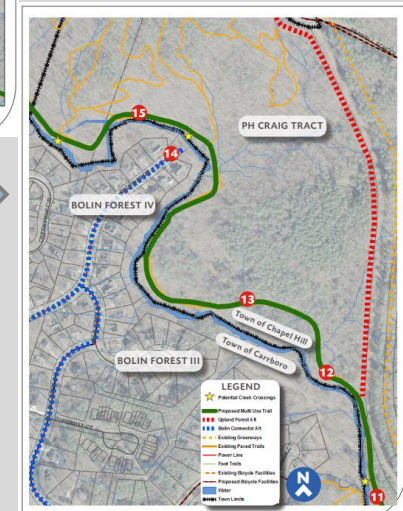
### Bolin Creek Phase 2

Federal Regional Flexible Funding for design programmed for FY27



### Bolin Creek Phases 3 & 4

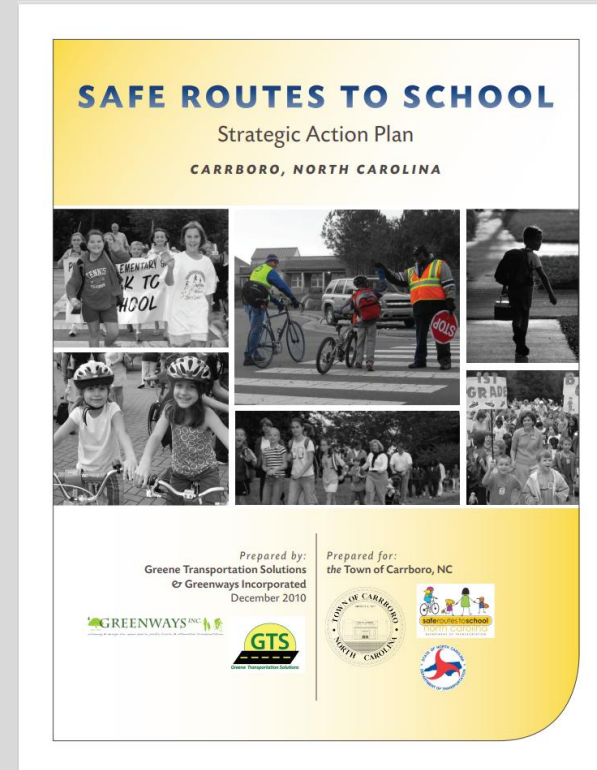
Creekside alignment was selected in October 2023 for both phases. Request for Crossing Feasibility Analysis in FY26



# Other Programs & Initiatives

## Safe Routes to School Update

- Town received a Non-Infrastructure Grant funded thru December 2026
- Three Oaks Engineering engaged to update plan
- Engagement at schools, walking audits completed
- Review of initial recommendations from consultant underway
- Consideration of gap areas along border of Chapel Hill & Carrboro
- Consideration of conceptual plans for infrastructure improvements based on priorities
- Development of programs such as bicycle training
- Continued partnership with Chapel Hill and CHCSS
- Preparation for future SRTS Infrastructure Grant



*2012 Adopted SRTS Plan*



# Other Programs & Initiatives, continued

## Vision Zero - Implementation

- Town has sent a team to NC Vision Zero Leadership Institute (2022-2025)
- Adoption of Vision Zero Initiative (2023)
- Traffic & Parking Committee to serve as Vision Zero staff working group
  - Advise on transportation safety matters – infrastructure
  - Coordinate with Rec. & Parks, local schools, and Safe Routes to School and Transportation Choices (TDM) partners for programming
- Continue TDM signature events and expand to include non-commuter events & support ongoing SRTS activities.
- Road to Zero (Grant - Systematic Traffic Counts)
  - Data collection to inform infrastructure improvements/changes to street standards
  - Potentially replace current residential traffic management program
  - Submitted in 2024 & 2025; not awarded
  - Testing use of streetlight data for traffic counts
  - Exploring whether streetlight data can help measure GHG emissions



# Bike-Ped Safety Projects

## NCDOT ADA Ramps (March 2024-2026)

- Completion of remaining ramps from the FY23 & FY 25 projects.
- Additional pedestrian crosswalks in key locations.

## Speed limits – Discussions w/ NCDOT (ongoing)

- Reducing Homestead Road to a consistent 35 mph for the whole length.
- Reducing the speed limit on South Greensboro Street from 35 mph to 30 mph from Merritt Mill Road to a point approximately 700 feet south of Main Street (SR 1010).
- Reducing the speed limit on North Greensboro Street (SR 1772) from 30 mph to 25 mph from a point approximately 0.07 mile north of Shelton Street, northward to Estes Drive (SR 1780).
- Reducing the speed limit for the entirety of Hillsborough Road (SR 1009) from the intersection w/ Old Fayetteville to the junction w/ North Greensboro and continuing to intersection with West Main to 25 mph. This speed limit would be consistent with similar streets in the vicinity and in downtown Carrboro.
- Reducing the speed along Old NC 86, from Calvander to Eubanks.

## Resurfacing – NCDOT & Town (ongoing)

- Lane reallocation/narrowing to add bike infrastructure and/or pavement markings during maintenance.



# Proposed Weekend Closure - East Weaver Street



Weekend Closure

- Traffic Signals**
  - Design/Construction
- Barriers to E Weaver**
  - Permanent
- Control entrance/exits**
  - Cyclists – bike box/detector
  - Deliveries – movable bollards

Traffic Control Plan for signal changes

May need temporary signal head covers

Stop bar moved 30' back for large vehicles

No lane reallocations





# Proposed Weekend Closure - East Weaver Street

