



Transportation Projects

PRESENTED BY

Daryl Vreeland,
Transportation Planning Manager



TOWN of
WAKE FOREST



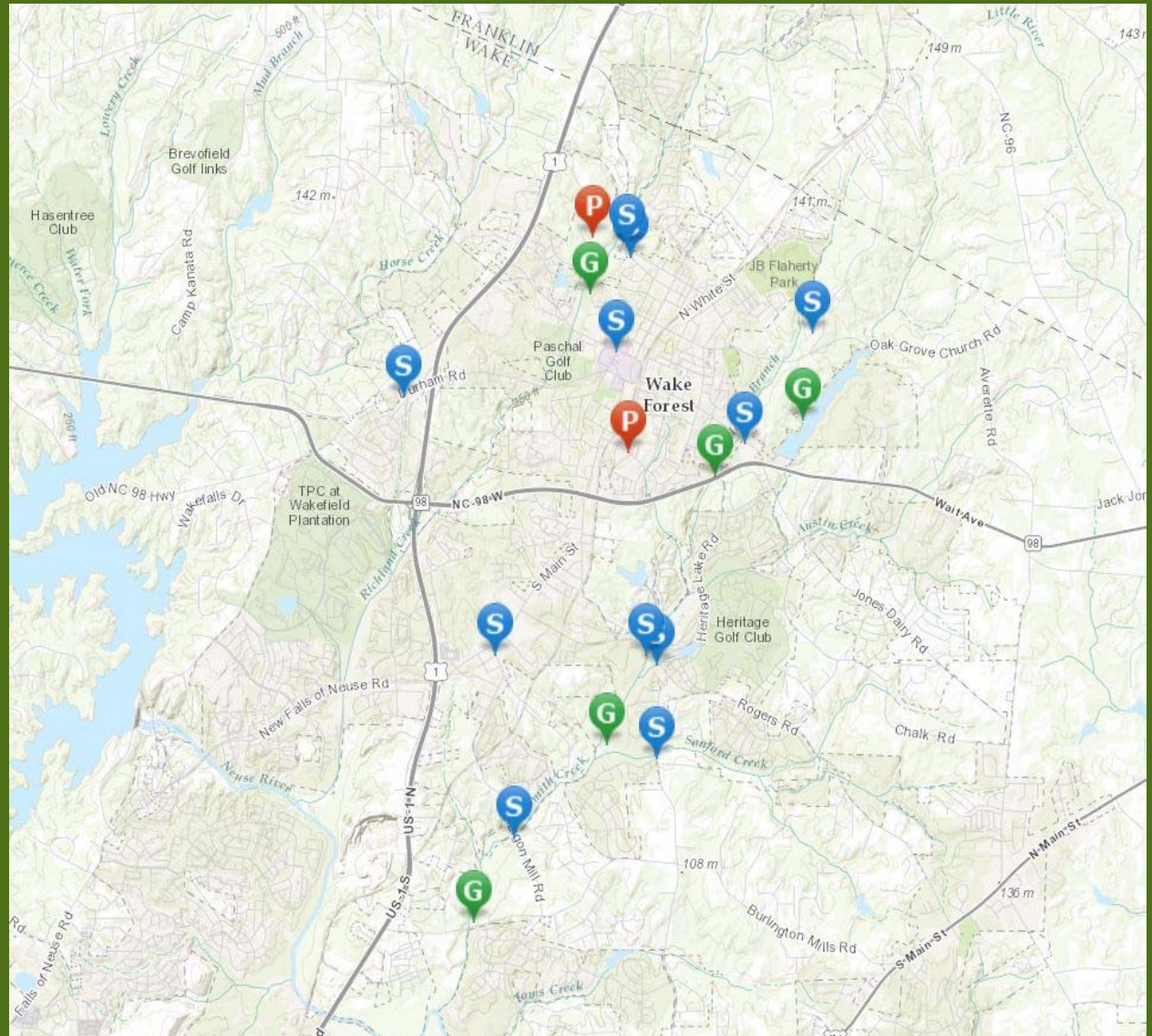
2014 Town Bond

Street & Sidewalk
Improvements
\$6.3M

Greenway Improvements
\$4.6M

Parks and Recreation
Facilities
\$14.2M

\$25.1



Stadium Drive – Complete Streets

US1 (Capital Boulevard) to N. Main Street



Pedestrian & Bicycle Improvements

- 1.6 miles
- 10' MUP;
- 5' sidewalk;
- Sharrows;
- Bus pull-out; and
- Roundabout

Design, ROW, and Construction is funded with 80 LAPP/20 Town Bond and is anticipated to begin during fall 2017.



Pedestrian & Bicycle Improvements

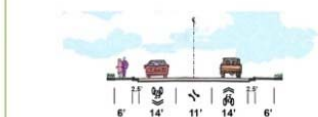
Glencoe Drive to Richland Creek bridge

- 10-foot wide multi-use path on the south side of the road
- 5-foot wide sidewalk on the north side of the road



Richland Creek bridge to N. Wingate Street

- 6-foot wide sidewalks on both sides of the road



Entire Corridor – “Sharrows”

What are sharrows?

- Shared-lane bicycle markings
- Markings in the travel lane that identify the road as “shared” by motor vehicles and bicyclists.
- Typically placed in the center of the travel lane, indicating that the bicyclist may use the full lane.
- Increase a driver’s awareness of the presence of bicyclists.
- Reduce the likelihood of bicycling in the wrong direction.
- Used on roads that are too narrow for dedicated bike lanes.



Ligon Mill Road

Operational Improvements

S Main Street (US 1A) to WalMart Driveway

PE

ROW

CON

Pedestrian & Bicycle Improvements

- 4-lane median divided with sidewalks on both sides of roadway and bike lanes;
- Install a pedestrian signal at S. Main/Ligon Mill Rd. intersection;
- Street lights;
- Utility relocation; and
- Restriping for right turn lane near BP gas station.

Design/ROW funded by Town.

Construction is funded with 80 LAPP/20 Town Bond and is anticipated to begin during fall 2017.



Priority Pedestrian Corridors

W. Oak Avenue: Harris Road to N. Wingate St.

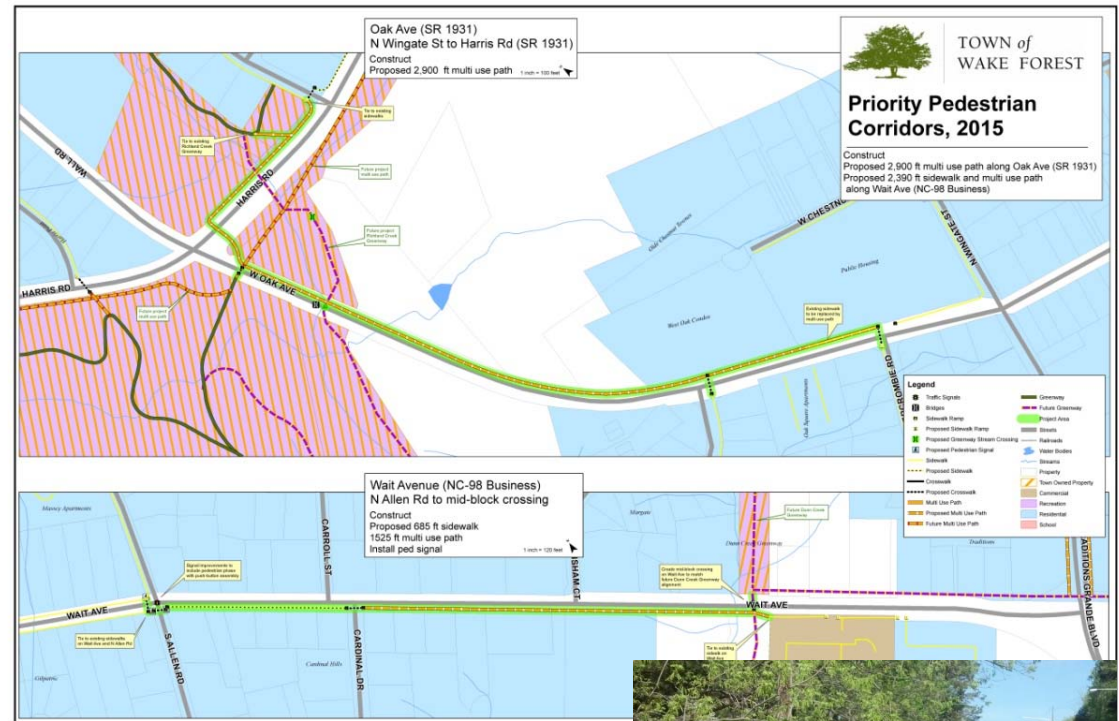
Wait Avenue: North Allen Road to Traditions Grande Blvd.



Pedestrian & Bicycle Improvements

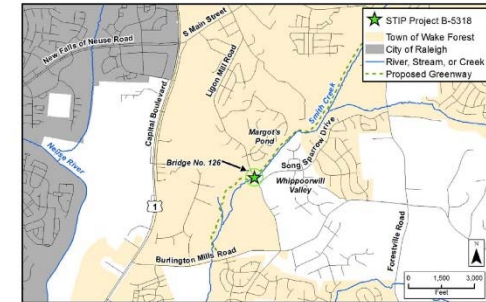
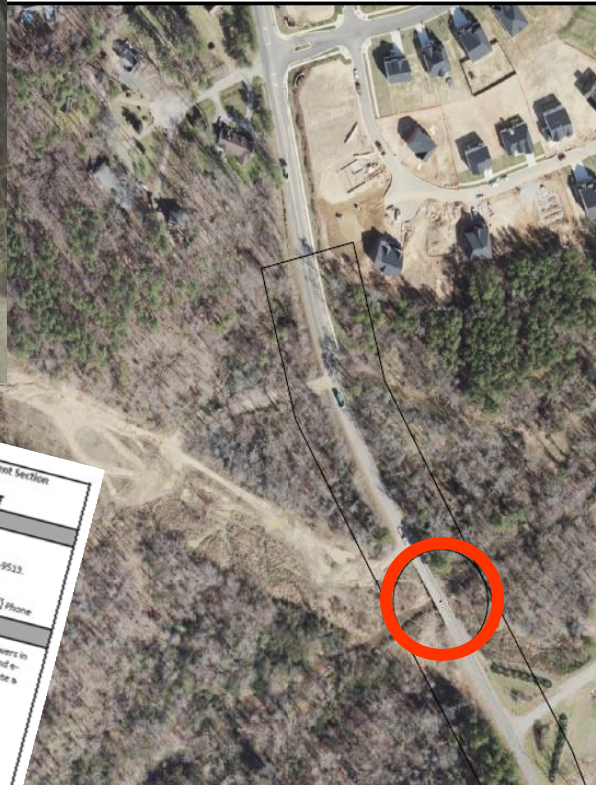
- Sidewalk and multi-use path facilities
- 2900 LF (0.55 mi) S/W on Oak Ave
- 2400 LF (0.45 mi) S/W on Wait Ave
- Install a pedestrian signal at S. Allen Road/Wait Avenue intersection.

Design, ROW, and Construction is funded with 80 LAPP/20 Town Bond and is anticipated to begin during fall 2017.



Ligon Mill Road Bridge Replacement Project

NCDOT cost share for sidewalk and greenway underpass



Project Contact Information

A copy of the public meeting map can be viewed on the NCDOT public meetings website at:

<https://www.ncdot.gov/projects/publicmeetings/>

If you need additional information or would like to discuss the project further, please contact the following project representative:

Beverly Robinson
NCDOT Project Development and
Environmental Analysis
1548 Mail Service Center
Raleigh, N.C. 27699-1548
Phone: (919) 707-6041
Email: brobinson@ncdot.gov

If you have transportation questions on other projects, call our Customer Service Center toll-free at 1-877-DOT-4YOU, or visit the NCDOT website at www.ncdot.gov.

Next Steps	Date*
Complete Environmental Document	Spring 2017
Right of Way Acquisition	Spring 2018
Begin Construction	Spring 2019

*Schedules are subject to change.

Cost Item	Estimated Cost**
Right of Way & Utilities	\$1,800,000
Construction	\$3,950,000
Total	\$5,750,000

**Includes greenway and sidewalk costs within the project limits, subject to cost sharing with the Town of Wake Forest.

NCDOT will provide interpretive services upon request for persons who do not speak English, or have a limited ability to read, speak or understand English. Kindly request it by calling 1-800-481-6494.

Aquellas personas que hablan español y no hablan inglés, o tienen limitaciones para leer, hablar o entender inglés, podrían recibir servicios de interpretación si los solicitan llamando al 1-800-481-6494.

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NC Department of Transportation Community Studies Group, Human Environment Section

STIP Project B-5318 COMMUNITY IMPACT ASSESSMENT

Local Planner Input Form for

Interviewee Name: Candice Davis
Title/Position: Transportation Planning Manager
Organization/Agency: Wake Forest Planning Dept.
Email: cdavis@wakeforestnc.gov

Date: 09/14/2015
Phone Number: (919) 435-9533

Completed Via: ☒ Email ☐ Phone

Using the project information and map below, please respond to the following questions by typing your answers in the space provided. Then save (using the save As command) this file with a new file name for your records and email the new file back to the original sender or to brobinson@ncdot.gov if you would prefer to complete a hard copy of this form, please send all sheets to the following address or fax number:

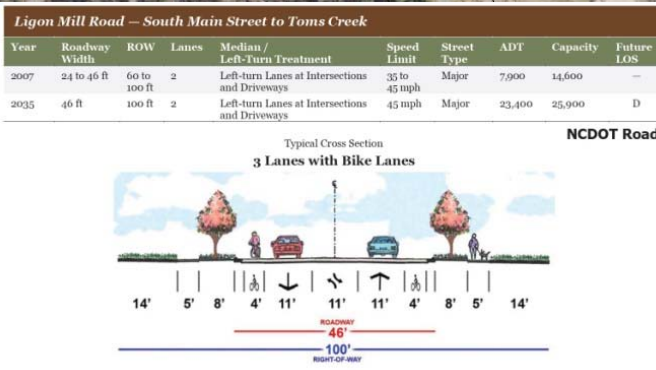
David Robinson
NOR/ICA
5321 Kingdom Way, Suite 100
Raleigh, NC 27607
Phone: (919) 900-1646
Fax: (919) 852-0846

Project Information

TIP project B-5318 is a replacement of bridge No. 126 over Smiths Creek on Ligon Mill Road (SR 2044). The project's Direct Bridge Impact Area (DBIA) is located in the northern part of Wake County and includes the corporate limits and extrajurisdictional jurisdiction of Wake Forest and unincorporated portions of Wake County surrounding bridge No. 126 to suburban developments accessed via Ligon Mill Road. The southern portion of the DBIA is crossed by high-capacity power lines. Undeveloped land in the vicinity of the bridge is wooded. An at-grade railroad crossing is located approximately 1/4 of a mile north of the bridge along Ligon Mill Road. A major hub is located to the north at Main Street.

NCDOT is proposing to replace bridge No. 126 and would like your comments and feedback on potential impacts on the local community. Your feedback is important to identify and mitigate these potential impacts.

Project Type: ☒ Bridge ☐ Corridor



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS BRANCH

WAKE COUNTY
REPLACE BRIDGE NO. 126 ON SR 2044 OVER SMITHS CREEK B-5318

PROJECT STUDY AREA

Pedestrian Underpass



Before

After



Smith Creek Greenway, Phase 2

*from Smith & Sanford Creek Greenway
junction to Ligon Mill Road (2.8 miles)*

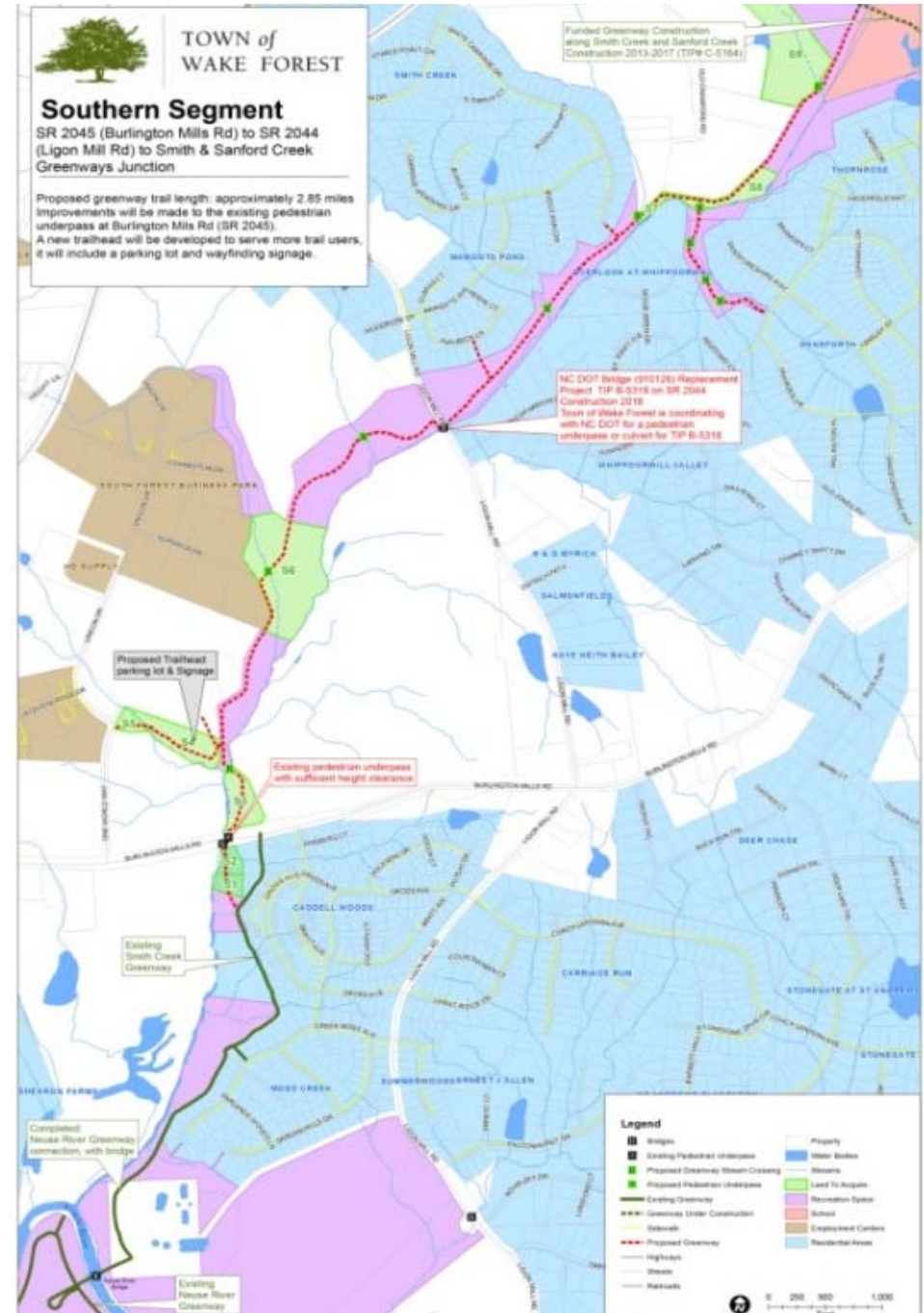
Funded by Town Bond and grants
Design underway. Construction
anticipated to begin in 2020.

Wake County Open
Space Grant Award

\$941,000

Clean Water
Management Trust
Fund Grant Award

\$515,000



Greenway and Park Wayfinding

PE

CON

Phase 1

- Smith Creek Greenway at Burlington Mills segment
- Dunn Creek Greenway
- Smith Creek Soccer Center Greenway
- Sanford Creek Greenway
- E. Carroll Joyner Park
- J.B. Flaherty Park

Funded by Town Bond.
Phase 1 Construction underway.
Anticipated completion summer 2017.



PE → ROW → CON

Design, ROW, and Construction is funded with 80 LAPP/20 Town Bond. Under construction.



WAKE
FOREST
BOND
REFERENDUM
2014



WAKE FOREST GREENWAY AND PARK 2016 PUBLIC ART MASTERPLAN

PARKS & GREENWAY INVENTORY

Smith Creek Soccer Center - Asphalt Pathway



Sidewalk
Rio de Janeiro, Brazil

Soccer Fields
Smith Creek Soccer Center



Alexander Calder
Sidewalk Design
Rio de Janeiro, Brazil



Don Rosengauze
Starry Night
Zandvoort, Netherlands

The Town of Wake Forest 2016 Public Art Master Plan

85



Parks & Recreation Improvements

\$14.2M

E. Carroll Joyner Park,
Phase 2 - new
community center

Northern Wake Senior
Center Expansion

Funded by Town Bond





**For questions about Transportation Projects,
please contact:**

**Daryl Vreeland, Transportation Planning Manager
dvreeland@wakeforestnc.gov**

<http://www.wakeforestnc.gov/transportation-planning.aspx>