

1G. APEX WEST GREENWAY

FROM THE AMERICAN TOBACCO TRAIL TO BEAVER CREEK GREENWAY

This project is a key link in the connection between the American Tobacco Trail and the Town of Apex. The eastern half of this project is an extension of the Beaver Creek Greenway, which connects east toward the center of Apex, through Apex Nature Park. The western terminus links to the American Tobacco Trail at Olive Chapel Road near Jordan Lake.

PROJECT AT A GLANCE

- Project location: Apex, Wake County
- Project type: Shared use path, sidepath
- Length: 8,400 ft (1.6 miles)
- Total Connected Network: 34.7 miles
- Trip Generators:
 - » American Tobacco Trail
 - » Residential neighborhoods (Holland Crossings, Madden Crossing, Crocketts Ridge, Bella Casa, Parkside on the Creek)
 - » Apex Nature Park
 - » Olive Chapel Elementary School
 - » Kelly Road Park
 - » Jaycee Park

PREVIOUS PLANNING

- *Apex Parks, Recreation, Greenways, and Open Space Master Plan Map (2013) (2015 update)*

POTENTIAL RIGHT-OF-WAY NEEDS

- 3.5 acres estimated right-of-way acquisition
- 8 impacted parcels
- 5 distinct property owners

POTENTIAL PERMITTING NEEDS

- Wake County/Apex Floodplain Development Permit
- Wake County/Apex Stormwater Management (National Pollutant Discharge Elimination System General Permit)
- Wake County/Apex Land Disturbance Permit
- North Carolina Department of Transportation Encroachment Permit
- FEMA Conditional Letter of Map Revision (CLOMR)
- FEMA Letter of Map Revision (LOMR)
- U.S. Army Corps of Engineers Section 401/404 Permit

POTENTIAL PARTNERSHIPS

- Town of Apex
- Apex Downtown Business Association
- Holland Crossings Homeowners Association
- Wakemed Healthplex Apex
- Arcadia West and Saddleback

ESTIMATED CONSTRUCTION COST

- *2016 construction estimates are in the range of \$3.4 million to \$4.1 million*
- *Cost estimates should be escalated at a rate of 5% each year.*

Cost estimate for land acquisition/ROW needs.

- *Based upon Wake County assessed property values acquisition estimates are approximately \$31,000*

POTENTIAL FUNDING MECHANISMS

- CAMPO/LAPP funding
- NCDOT/STI funding
- Wake County CIP funding
- Apex CIP
- Parks and Recreation Trust Fund
- Clean Water Management Trust Fund
- Duke Energy Water Resources Fund
- Holland Crossings Homeowners Association easement or land donation

OPPORTUNITIES & CONSTRAINTS

The segment terminates at the American Tobacco Trail, connecting the Apex trail system to this regional amenity.

A short sidepath segment is needed along Olive Chapel Road to link the American Tobacco Trail and the portion of the greenway already under development.

A section of the greenway is being funded and constructed through private development.

Boardwalk is recommended for the majority of the greenway to reduce impacts on the wetlands it traverses. The trail's location in the floodplain will increase permitting requirements.

The alignment follows the side of Beaver Creek south of the Hollands Crossing neighborhood, with opportunities to connect into the Apex Nature Park.

The alignment takes advantage of the Town-owned Apex Nature Park, reducing the required amount of property or easement acquisitions.

The segment terminates at a segment of the Beaver Creek Greenway currently under development.

The segment supports connectivity between the American Tobacco Trail and downtown Apex via the proposed network and greenways in development.

