



Aviation Parkway Widening

Project U-5811 | Wake County



Across Lake Crabtree



Northbound Aviation Parkway

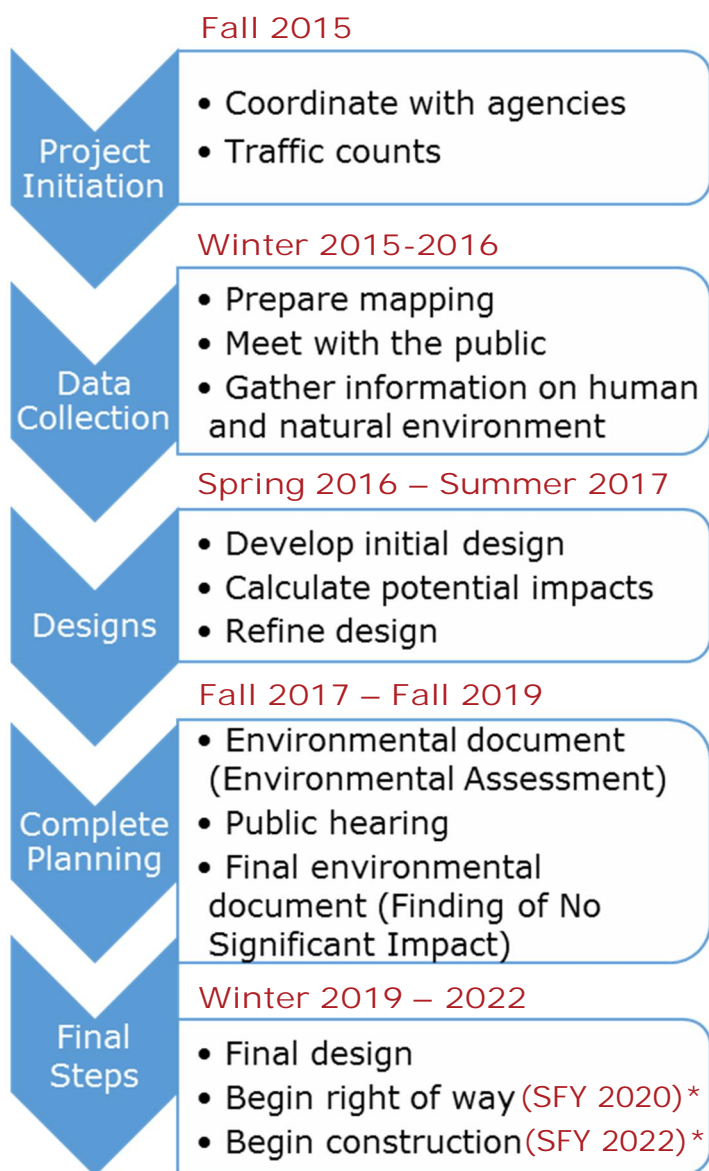
For more information, contact:

Joseph Miller, P.E.
NCDOT Project Development
1548 Mail Service Center
Raleigh, NC 27699-1548
(919) 707-6031
josephmiller@ncdot.gov

Aaron Heustess, P.E.
Kimley-Horn
P.O. Box 33068
Raleigh, NC 27636
(919) 653-6634
aaron.heustess@kimley-horn.com

Planning Process

The graphic below illustrates the general steps involved in the planning process.



* The schedule is based on state fiscal years (SFY)

We Want Your Comments!

Your feedback will be used as a design is developed in the coming months. Comments are requested by April 15, 2016, and can be submitted via email, mail, or in person.

Tell us what you think about the proposed typical section. Do you know of any issues or concerns along the corridor that will be relevant as we design this project?



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Public Meeting Handout

Aviation Parkway Widening (STIP Project U-5811)

Project Description

The N.C. Department of Transportation (NCDOT) proposes to widen Aviation Parkway (S.R. 1002) from N.C. 54 (Chapel Hill Road) to I-40.

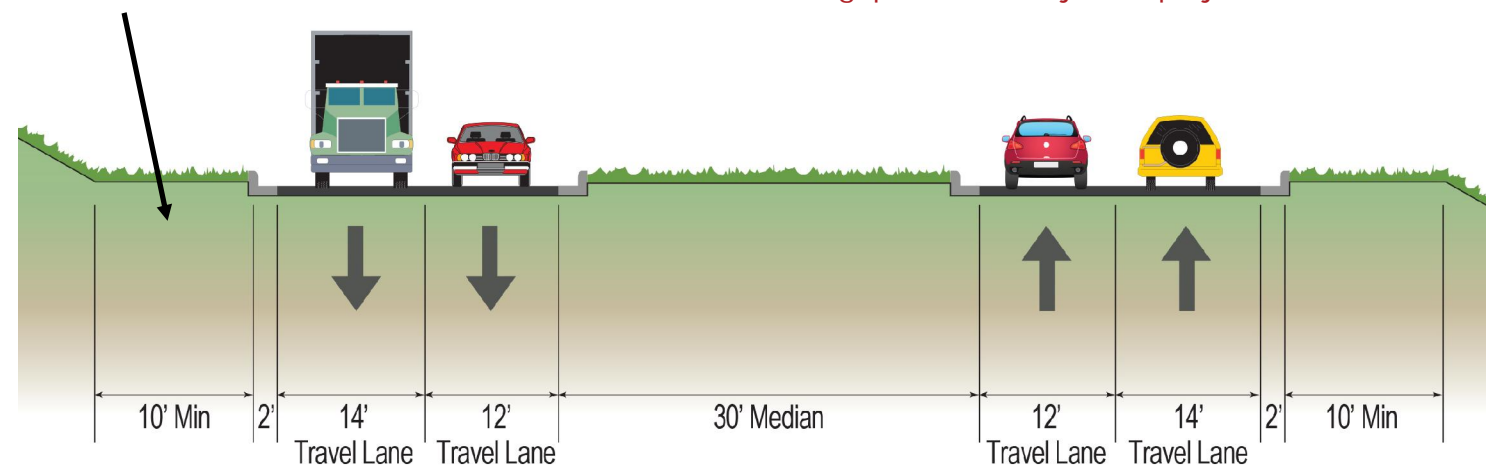
Purpose of the Project: Decrease congestion and improve safety

Adding a second lane in each direction will help decrease congestion on Aviation Parkway and potentially on other east-west roads through this area. The addition of a median will improve safety along the corridor.

Proposed Design

NCDOT proposes to widen Aviation Parkway to a 4-lane median divided roadway with curb and gutter. Extra wide outside lanes will accommodate bicycles. Existing sidewalks will be replaced, and NCDOT and the towns may partner to add new sidewalk and a multi-use trail along the rest of the corridor. The graphic below shows the proposed typical section.

A sidewalk or multi-use trail could be added behind the curb on both sides.



Design Considerations

There are several issues NCDOT will consider during the design process, including:

- Changes to business access — Adding a median will change many full-movement driveways to right-in/right-out only.
- Crossing the railroad — NCDOT will coordinate with the rail agencies to determine the most feasible alternative across the tracks.
- Community resources — Impacts will be minimized on community resources such as places of worship, parks, and greenways.
- Crossing Lake Crabtree — Designs will be considered to limit impacts to the lake.
- Other natural resources — Impacts will be minimized or mitigated to streams, wetlands, and floodplains.
- Coordinating with adjacent projects — Several NCDOT and Town of Morrisville projects are underway nearby, as described on the back of this handout. Although the NCDOT STIP project limits end at N.C. 54, the study corridor extends further west so there is not a gap between adjacent projects.



Other Projects in the Area

Several other proposed projects intersect with Aviation Parkway, as shown on the figure to the right. Information about each project is below.

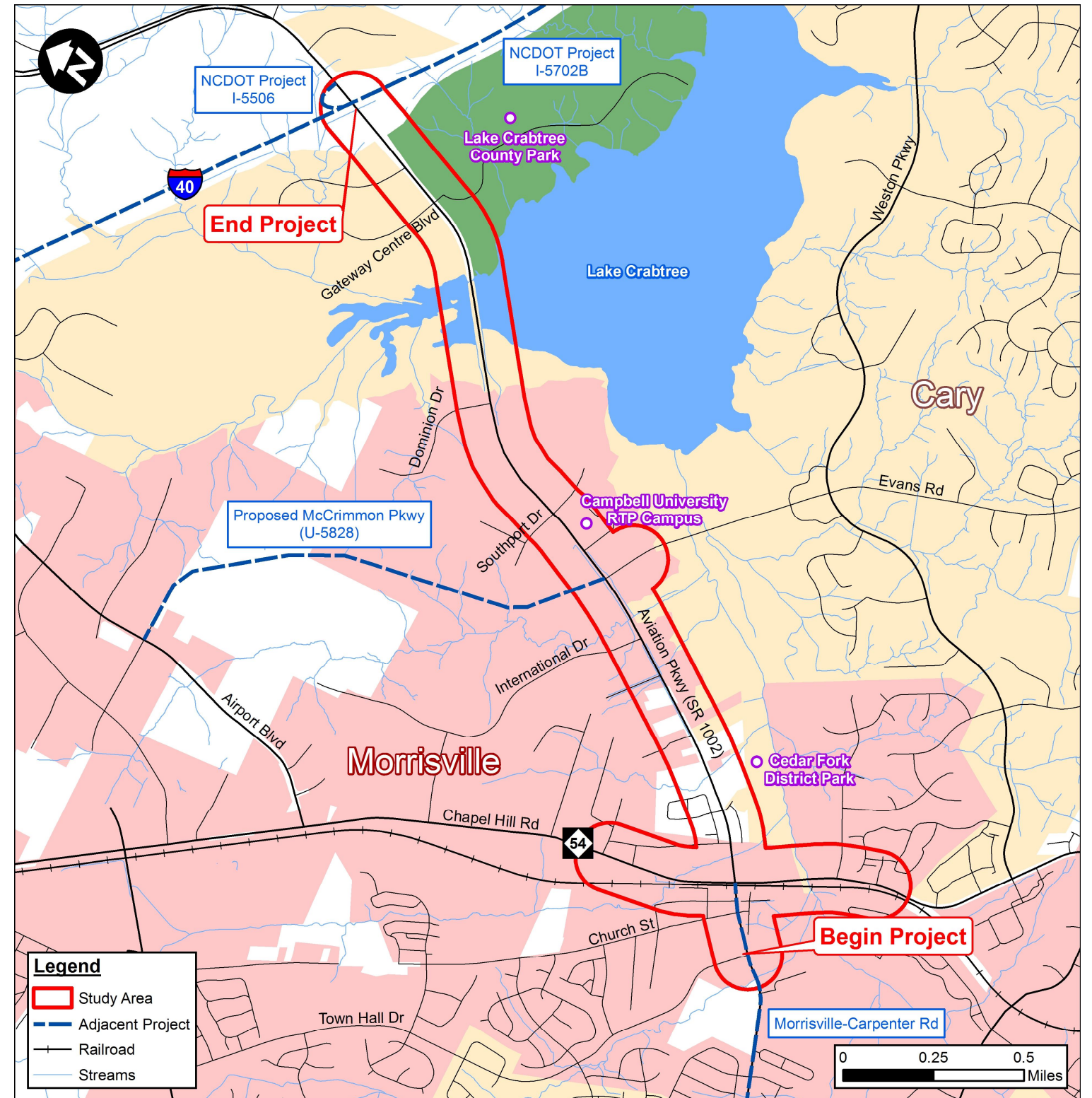
- **McCrimmon Parkway Extension (Project U-5828)** — the Town of Morrisville proposes to extend McCrimmon Parkway from Airport Boulevard to Aviation Parkway/Evans Road. This will be a 4-lane median divided road with bike lanes and 8-foot wide sidewalks on both sides. Design is anticipated to be complete this summer. Right of way acquisition will begin this summer, and construction is anticipated to begin in spring 2017. [Contact: Blake Mills, Town of Morrisville, bmills@townofmorrisville.org or 919-463-7071.]
- **Morrisville-Carpenter Road Widening** — the Town of Morrisville proposes to widen existing Morrisville-Carpenter Road from Town Hall Drive to Davis Drive. This will be a 4-lane median divided road with wide outside lanes and sidewalks on both sides. Design is anticipated to be complete at the end of this year. Construction and right of way are not currently funded. [Contact: Rich Cappola, Town of Morrisville, rcappola@townofmorrisville.org or 919-463-6193.]
- **I-40 Managed Lanes (Project I-5702B)** — NCDOT proposes to construct managed lanes from N.C. 147 (Durham Freeway/ Triangle Expressway) to Wade Avenue. Planning is underway. Right of way is scheduled to begin in FY 2024, and construction is “post years” (unfunded) in the 2016-2025 STIP. [Contact: Ahmed

Al-Sharawneh, NCDOT Project Development, aalsharawneh@ncdot.gov or 919-707-6010.]

- **I-40/Aviation Parkway Interchange (Project I-5506)** — NCDOT proposes to construct a loop ramp in the northwest quadrant of the interchange. Final designs are underway. Right of way is scheduled to begin in FY 2017, and construction is scheduled to begin in FY 2018. [Contact: Gene Tarascio, NCDOT Project Development, gtarascio@ncdot.gov or 919-707-6046.]
- **N.C. 54 And More Feasibility Study (Project FS-1005B)** - NCDOT, Morrisville, Cary, Capital Area Metropolitan Planning Organization (CAMPO), and Norfolk Southern are studying potential improvements to N.C. 54 between N.C. 540 and NW Maynard Road. [Contact: Shane York, NCDOT Feasibility Studies Unit, sdryork@ncdot.gov or 919-707-4660.]



At the Railroad Crossing



NCDOT's Mission: Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.