



CAPITAL PROJECTS REPORT

JULY 2025

MORRISVILLENC.GOV

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GLOSSARY



OVERVIEW

Welcome to the Town of Morrisville's Monthly Capital Projects report. This report is provided so that our residents, businesses, and other stakeholders can easily access information related to capital projects that the Town is undertaking to improve our community and to enhance the Morrisville experience. The Town Council and Town staff are committed to transparency in all that we (and the taxpayer funds we expend) accomplish in and for Morrisville.

This report will be updated once a month, typically on the third Friday of each month, to ensure that the information we are sharing is current. This report is available on the Town website, will be shared via our weekly "Next Week in Morrisville" newsletter ([sign up here](#)) and via our social media platforms. This report will also be provided to Town Council on a quarterly basis so Council can have the opportunity to ask questions and discuss progress on our various projects.

This report addresses current and future Town capital projects that are being designed, constructed, or otherwise studied. However, it does not address all projects from the Town's five-year Capital Improvement Plan. Some of those projects are not funded and others have not yet moved to an active project. It is also important to focus on the type of project, as many projects start only as design efforts because that is typically funded separately in order to get to a reliable project cost estimate.

This overview page is intended to provide readers with an overview of the content of the report, how capital projects proceed in Morrisville, who we often work with (and why), and how projects are funded.

PROJECT PAGES



Project Manager - This is the point of contact for the project on behalf of the Town.

START DATE:

CURRENT PHASE:

COMPLETION DATE:

PROJECT MANAGER:

Project Numbers – this is the current cost estimate for the project and is subject to change as the project evolves and ultimately moves to construction.

- The majority of the Town’s capital projects are funded through the Capital Improvement Plan and various funding methods that include capital reserve funds, re-investment of Parks-Payment-in-Lieu and Streets-Payment-in-Lieu (funds collected from ongoing private development), grant funding, and/or bond funding (voter approved spending).
- In many cases, the Town will pay a portion of a project if partnering with other government entities such as CAMPO, NCDOT, or Wake County. In some cases, the Town will provide funds up front to expedite projects with that funding repaid once the project is complete.

FINANCES

Total Revenues & Sources
\$

Latest Indicated Cost
\$

Current Project Phase – highlights the phase each project is currently in; the typical phases include:

- Study/Planning - an initial early planning level exercise to determine project viability, initial scoping and costs. This phase comes before any design work and normally happens before the project is fully developed as a funded capital project and therefore may not be listed in the Town’s 5-year CIP Plan;
- Design (plans are developed to 30% Conceptual, 60% Schematic, 90% Design Development, and 100% Construction Documents with each step normally providing a revised cost estimate);
- Right-of-way/Easement acquisition (many projects require access onto private property, via land acquisition or easement, to use land, often for public infrastructure projects like roads, sidewalks, greenways, drainage, etc);
- Permitting – the Town is required to obtain permits for our projects just as we expect anyone from the public to do;
- Construction – work has begun to construct the project.

PROJECT PAGES



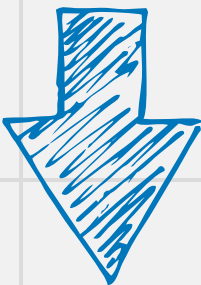
Project Photo - a current look at the latest phase of each project.

Project Summary -provides a basic overview of the project scope, location and general information about the project.

Strategic Plan Alignment – this shows how the project aligns with the Town’s current Strategic Plan goals and objectives.

Project Status – there are any number of factors that can change or delay a Town project schedule; these include (but are not limited to) the following:

- Challenges with the site materials (particularly the amount of rock found underground in Morrisville) or other site issues that result in unplanned delays.
- Cost increases for materials and for design and construction services.
- Material delays, a much more common challenge in recent years.
- Project partners – in cases where the Town does not manage the project, we are reliant on outside partners, such as NCDOT, and any changes they make to the schedule.
- Interruption of funding, particularly from the federal government.



STRATEGIC PLAN

- ☐ Improved transportation mobility
- ☐ Economic prosperity
- ☒ Engaged, inclusive community
- ☐ Public safety readiness
- ☒ Thriving, livable neighborhoods
- ☒ Operational excellence

NCDOT AIRPORT BLVD EXTENSION PHASE I



SUMMARY

Design and construction of new roadway segment (0.44 miles) which includes a 4-lane divided roadway with median, streetlights, sidewalks, pedestrian crossings, and new traffic signals from Garden Square Lane to Church Street. This is an NCDOT managed project.

The current cost estimate for all phases of the project is \$14.2 million with the Town's share (inclusive of sunk and future costs) being \$7 million.

FINANCES

Total Revenues & Sources
\$7,214,035

Latest Indicated Cost
\$7 million

CURRENT STATUS

- The overall project is at 100% design and the project construction let date is anticipated to be February 2026.
- Utility relocates and building demolition are in process including tree removals to accommodate utilities.
- The former residential home where Airport Blvd will connect on Church Street has been demolished.

Challenges:

- Delays in ROW Acquisitions phase
- Construction bid date was recently pushed back to February 2026 due to delays in utility relocation.

STRATEGIC PLAN

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START DATE: APRIL 2026

CURRENT PHASE: DESIGN/ROW/UTILITY RELOCATION

EST. COMPLETION DATE: FEBRUARY 2028

PROJECT MANAGER: TIM JOHNSON, PE

CHURCH STREET PARK SOUTHERN LOT



START DATE: APRIL 2023

CURRENT PHASE: CONSTRUCTION

EST. COMPLETION DATE: PARK IS OPEN

PROJECT MANAGER: KYLE COOPER

SUMMARY

3.4-acre development of a new extension to Church Street Park including cricket practice wickets, parking lot, shelter/restroom building, basketball courts, outdoor sand volleyball courts, multi-sport court, sport lighting, sidewalks, stormwater controls, landscaping and infrastructure improvements.

CURRENT STATUS

- Remaining activities include
 - Final acceptance of the Stormwater Control Measures
 - Sidewalk connections to Church Street
 - Electronic access control to practice pitches
 - Water line easement and final plat review

FINANCES

**Total Revenues &
Sources**
\$5.06 million

Latest Indicated Cost
\$5.06 million

STRATEGIC PLAN

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HIGHLIGHTS



FINISHED PARKING LOT



FINISHED PRACTICE
PITCH



FINISHED SPORT
COURTS AND STATUE

CHURCH STREET PARK
SOUTHERN LOT

MORRISVILLE DOG PARK



START DATE: APRIL 2023

CURRENT PHASE: CONSTRUCTION

EST. COMPLETION DATE: SUMMER 2025

PROJECT MANAGER: KYLE COOPER

SUMMARY

Design and construction of an outdoor dog park and associated amenities at Franklin Upchurch Senior Street and Town Hall Drive

STATUS

- Play area fencing complete.
- Installation of landscaping and parking lot complete.
- Electronic access control - equipment arriving mid-August.
- Street curb, gutter, and sidewalk complete.
- Duke Energy to install power in July, parking lot and street lights in August.

Challenges:

- Duke Energy lighting fixtures lead time longer than expected.
- Access control equipment lead time longer than expected.

FINANCES

Total Revenues & Sources
\$1,575,000

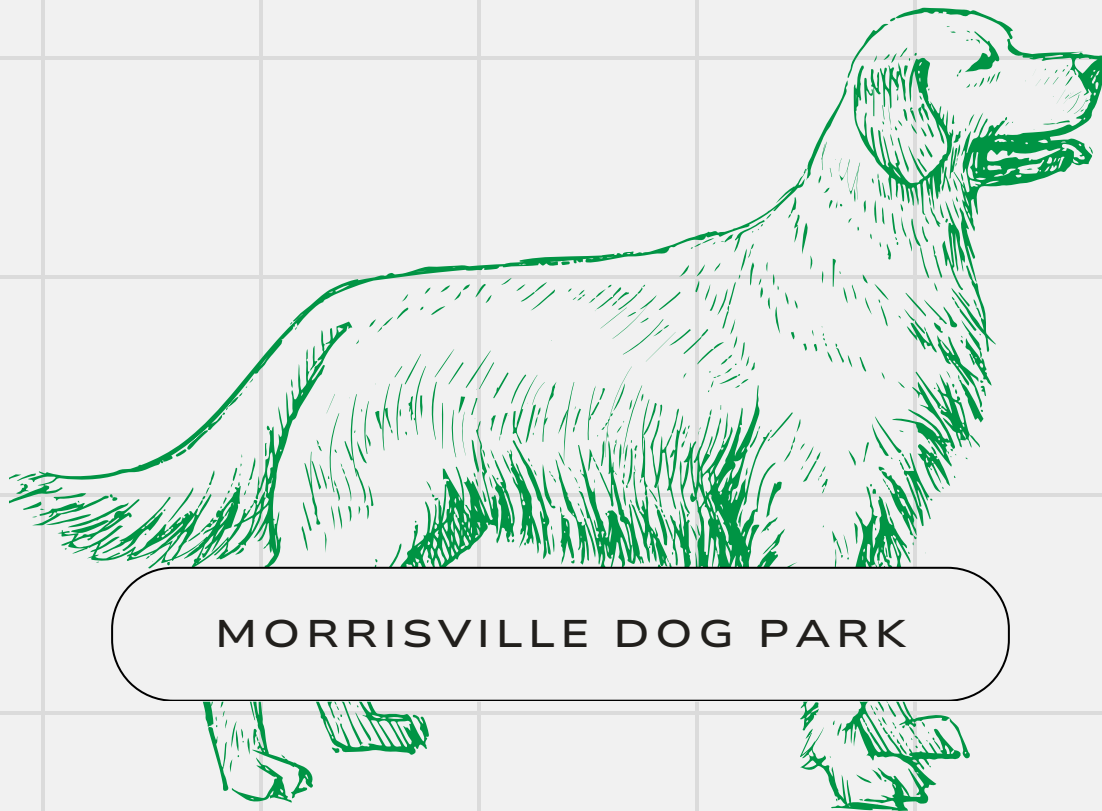
Latest Indicated Cost
\$1.55 million

STRATEGIC PLAN

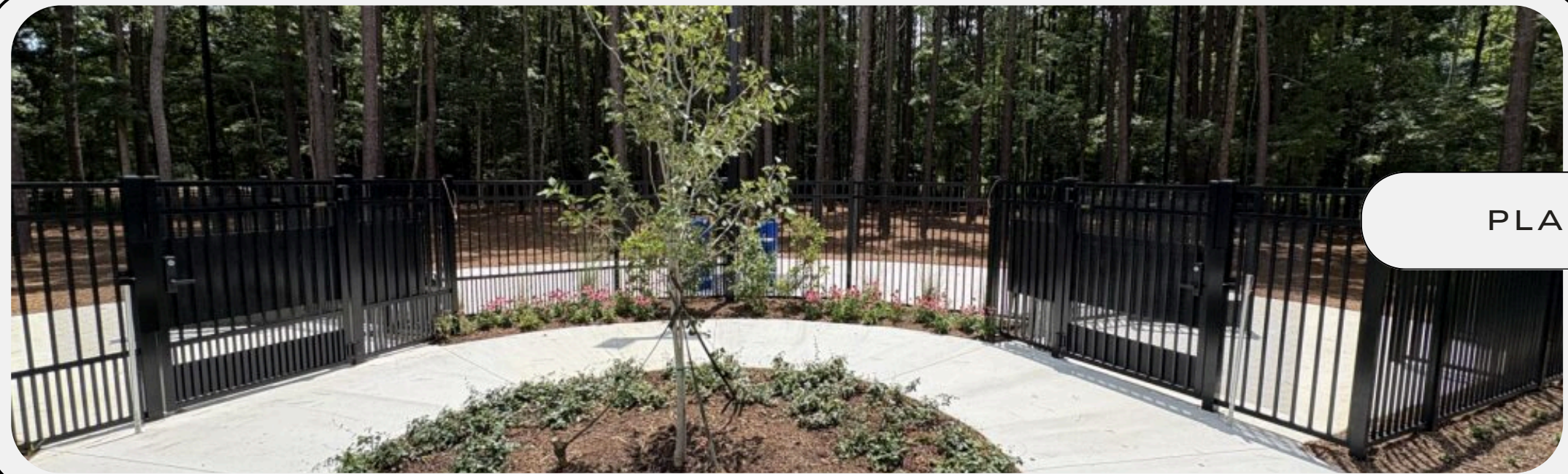
- ☐ Improved transportation mobility
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- ☐ Operational excellence



HIGHLIGHTS



MORRISVILLE DOG PARK



PLAZA ENTRY



PARKING LOT STRIPING



PINE STRAW MULCH

MORRISVILLE PARKWAY IMPROVEMENTS



START DATE: OCTOBER 2024

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: TBD

PROJECT MANAGER: TIM JOHNSON, P.E.

SUMMARY

Various intersection improvements along Morrisville Parkway from Davis Drive to NC54 as identified in the Access Management plan. Project scope includes new traffic signals, turn lanes, median modifications, striping and pedestrian safety improvements. Project is currently authorized for design phase only.

STATUS

- 65% design plans are underway and signal warrants are being reviewed.
- Objective is to be ready for a CAMPO LAPP application - Fall of 2025.
- Project is authorized for the design phase only. CAMPO LAPP funding is a key component to move project to the construction phase.

Challenges:

- NCDOT was requested to perform a traffic congestion study at Morrisville Elementary School that will affect the design. NCDOT was unable to perform due to workload. In response, the Town’s consultant is performing the school traffic study.
- Working with NCDOT and the Town of Cary as potential project funding partners.

FINANCES

Total Revenues & Sources
\$1,658,000

Latest Indicated Cost
\$10.6 million

STRATEGIC PLAN

☒ Improved transportation mobility

☐ Economic prosperity

☐ Engaged, inclusive community

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☐ Operational excellence

NC-54/KEYBRIDGE DR INTERSECTION



SUMMARY

This location was identified in the Intersection Improvement Study as Phase 2 priority based on need for level of service improvements and is being advanced to implementation. This project includes developing a signalized intersection which is currently stop sign controlled at NC54 and Keybridge Drive.

FINANCES

Total Revenues & Sources
\$542,000

Latest Indicated Cost
\$710,000

STATUS

- Revised Warrant analysis report is under NCDOT review. NCDOT previously denied the Signal agreement request citing insufficient warrants. This project cannot move forward without NCDOT approval.
- Further design is on hold pending final decision on signal warrants.

Challenges:

- Insufficient signal warrants.

STRATEGIC PLAN

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START DATE: DESIGN 2024

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: FY 26

PROJECT MANAGER: KITTY THOMAS

PUBLIC WORKS FACILITY



START DATE: MARCH 2025

CURRENT PHASE: DUE DILIGENCE

EST. COMPLETION DATE: 2027

PROJECT MANAGER: TIM JOHNSON, P.E.

SUMMARY

Purchase of an existing building at 125 International Drive to be renovated for a replacement public works facility.

\$10.5 million authorized for purchase, due diligence, and engineering.
\$10.0 million anticipated for renovations and upfit of the building.

STATUS

- Due diligence underway – survey (complete), environmental assessment (complete), facility condition assessment (complete), appraisal (complete), and reaffirming public works programming requirements. Also securing a more in-depth roof evaluation and evaluation of a crack in an existing wall.
- Closed on property on July 10, 2025.
- Council authorized the Design-Build delivery method for the rehabilitation of the building to accommodate Public Works
- Staff are preparing the Design-Build Request for Qualifications for solicitation in the upcoming weeks.

FINANCES

Total Revenues & Sources
\$20.5 million

Latest Indicated Cost
\$20.4 million

STRATEGIC PLAN

☐ Improved transportation mobility

☐ Economic prosperity

☐ Engaged, inclusive community

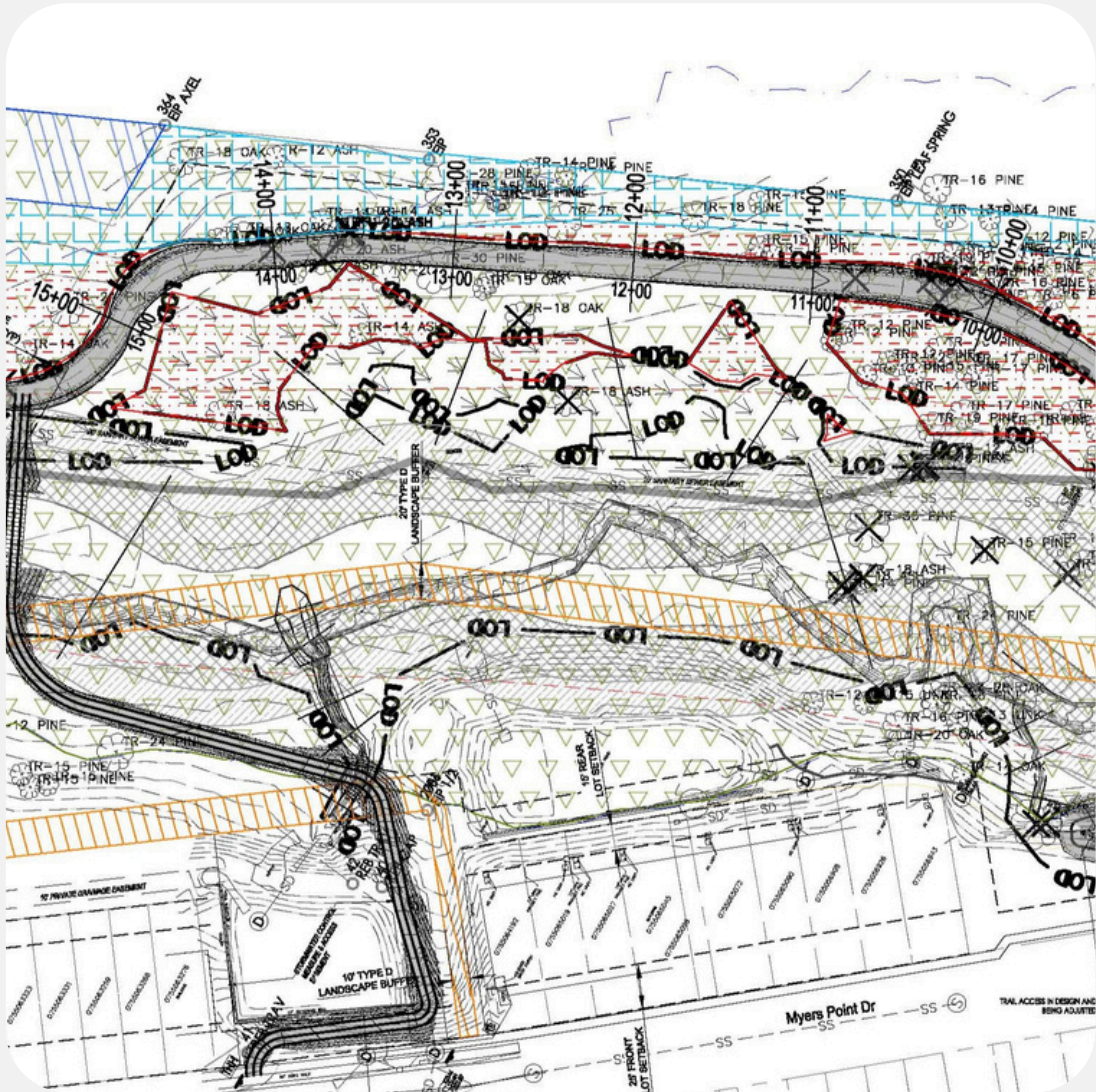
☒ Public safety readiness

☒ Thriving, livable neighborhoods

☒ Operational excellence

SAWMILL CREEK

STREAM RESTORATION AND GREENWAY PROJECT



START DATE: JULY 2023

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: TBD

PROJECT MANAGER: BEN MILLS P.E., C.F.M.

SUMMARY

The project is water quality focused and will tackle an unstable stream and poor habitat conditions. The work includes stabilizing the eroding stream, enhancing the riparian buffer by removing invasive species and adding native plantings while incorporating pocket wetlands to help improve water quality and habitat conditions. The development would also incorporate a portion of the planned Sawmill Creek greenway in its design. The project is generally located west of the railroad right-of-way adjacent to NC54 from Page Street to Downing Glenn Drive.

STATUS

- The design is complete and is currently in plan review.
- Staff submitted an application to NC Division of Parks & Rec for the Great Trails grant in the amount of \$500,000 (50% matching) for the greenway portion of the project. Notification is pending.

Challenges:

- Differences in elevation and stream crossings necessitate the use of elevated greenway sections and bridges adding to project costs.

FINANCES

Total Revenues & Sources
\$1,077,000

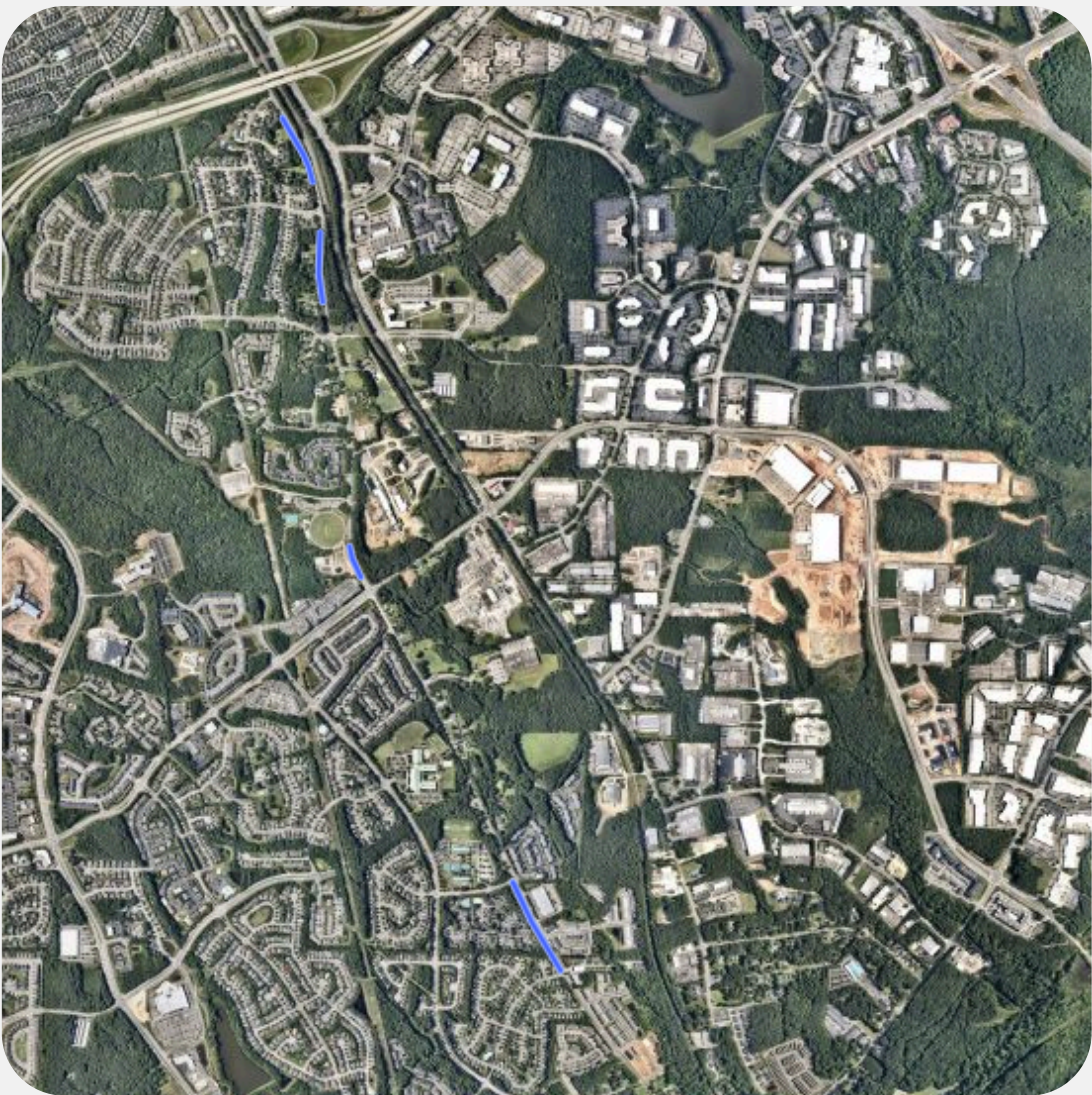
Latest Indicated Cost
\$2,200,000

STRATEGIC PLAN

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SIDEWALK GAP PROJECT

CHURCH STREET SIDEWALK (EB-5838)



START DATE: 2022

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: 2027

PROJECT MANAGER: KITTY THOMAS

SUMMARY

Design and construct new sidewalks along Church Street from Morrisville-Carpenter Road to the Durham County line. This project is in conjunction with NCDOT being funded with an 80/20 cost share reimbursement grant and managed by the Town.

STATUS

- 65% design underway while waiting on 30% design review comments from NCDOT.
- Environmental permitting documents are in NCDOT review.
- Staff is working on additional funding opportunities to bridge the gap between current funding and the latest indicated cost.

Challenges:

- Coordination needed with other projects in the corridor.
- Federal funding availability may require the project to scale back.

FINANCES

Total Revenues &
Sources
\$3,058,103

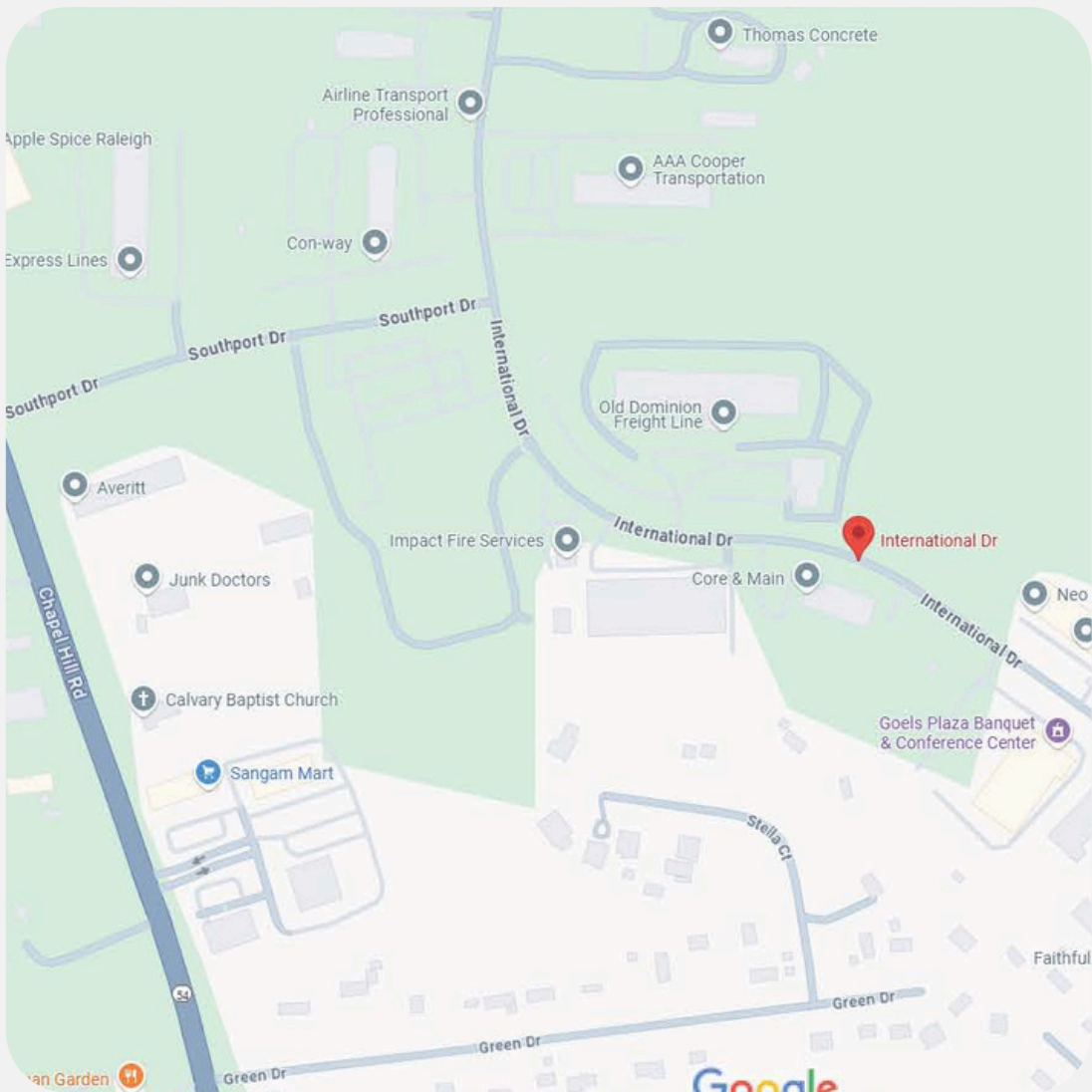
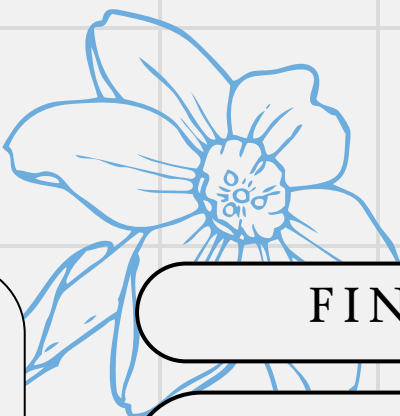
Latest Indicated Cost
\$5 million

STRATEGIC PLAN

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SIDEWALK GAP PROJECT

INTERNATIONAL DRIVE



START DATE: OCTOBER 2024

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: TBD

PROJECT MANAGER: TIM JOHNSON, P.E.

SUMMARY

Complete sidewalk gaps on International Drive from Aviation Parkway north to the end of the existing pavement connecting to the proposed roadway alignment being developed by SPARK. Latest Indicated Cost is based on the 60% design estimate.

STATUS

- 60% design review completed in June.
- 100% plans are underway with completion target of mid-July.

Challenges:

- Cost to provide sidewalk on both sides of the roadway may be prohibitive.
- Coordination with International Drive roadway reconstruction project.

FINANCES

Total Revenues & Sources
\$891,000

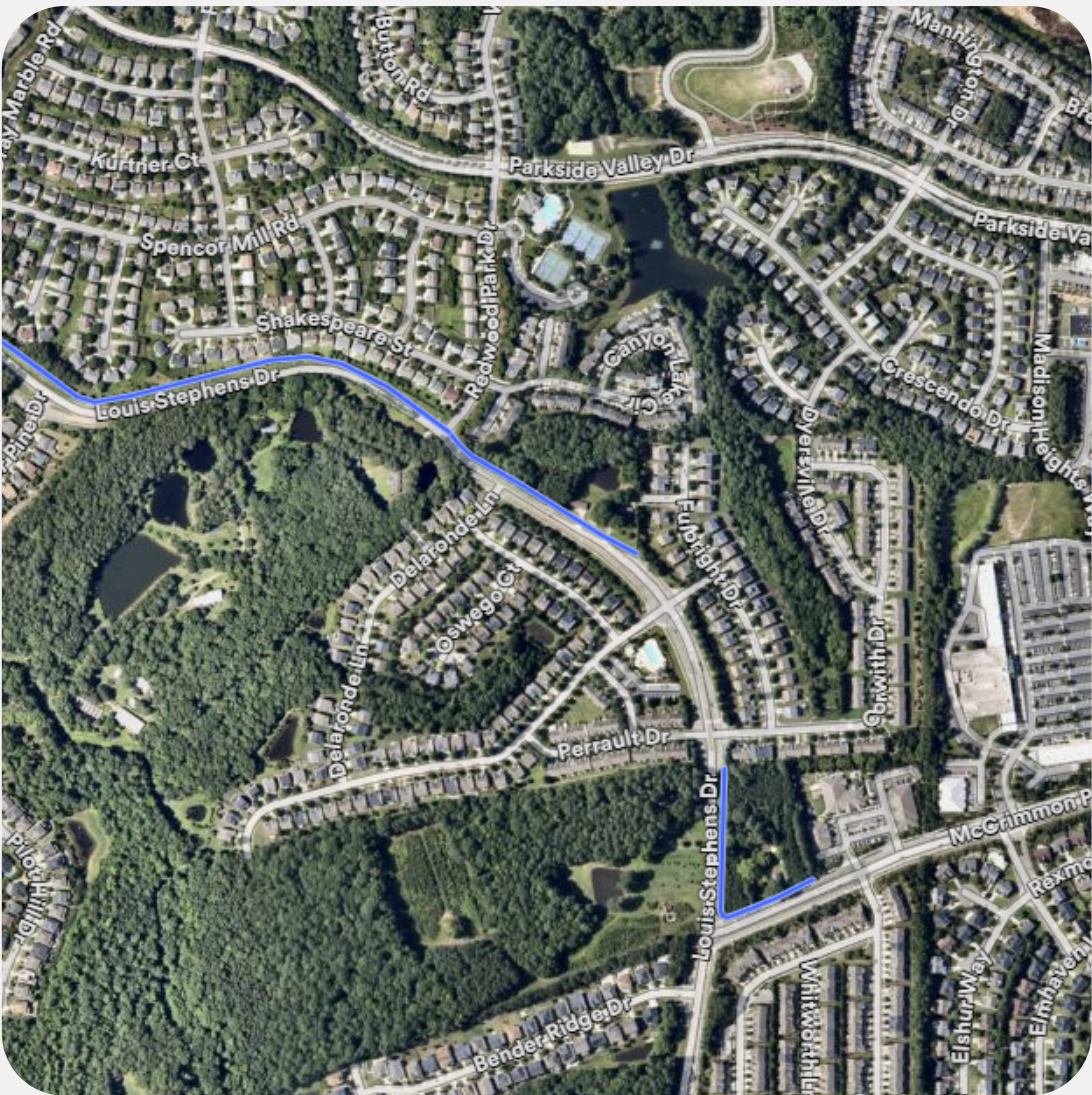
Latest Indicated Cost
\$1.5 million

STRATEGIC PLAN

- ☒ **Improved transportation mobility**
- ☐ **Economic prosperity**
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- ☐ **Operational excellence**

SIDEWALK GAP PROJECT

LOUIS STEPHENS DR (BL-0049)



START DATE: OCTOBER 2022

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: 2026

PROJECT MANAGER: KITTY THOMAS

SUMMARY

Design and construction of a new sidewalk along Louis Stephens Drive from McCrimmon Parkway to Parkside Valley Drive. This is an NCDOT reimbursement grant project, and the Town is managing the project.

STATUS

- ROW acquisitions and property owner negotiations continue.
- Design revisions and permitting are underway.
- Initiating discussions with CAMPO on additional reimbursement funding opportunities.

Challenges:

- Potential habitat for endangered species identified in the Environmental documents.
- Variances needed on the NCDOT standard specifications.
- ROW negotiations may require condemnation

FINANCES

Total Revenues & Sources
\$907,000

Latest Indicated Cost
\$2 million

STRATEGIC PLAN

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- ☐ **Economic prosperity**
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- ☐ **Operational excellence**

SLATER/SORRELL GROVE CHURCH RD

INTERSECTION AND SIDEWALK IMPROVEMENTS



START DATE: OCTOBER 2024

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: TBD

PROJECT MANAGER: KITTY THOMAS

SUMMARY

This location was identified in the Intersection Improvement Study as Phase 2 priority based on need for level of service improvements and is being advanced to implementation. Sorrell Grove Church Road Sidewalk gap from Airport Boulevard to Slater Road was identified in the sidewalk gap prioritization schedule. These project scopes were combined and include developing a signalized intersection which is currently stop sign controlled at Slater and Sorrell Grove Church Road as well as a new sidewalk from Airport Blvd to Slater Road.

STATUS

- 65% Stakeholder review complete in June, and design revisions underway.
- Revised Warrant analysis report for the signal is under NCDOT review. NCDOT previously denied the Signal agreement request citing insufficient warrants. This project cannot move forward without NCDOT approval.
- Further design of traffic signals on hold pending decision on signal warrants.

Challenges:

- Insufficient signal warrants.

FINANCES

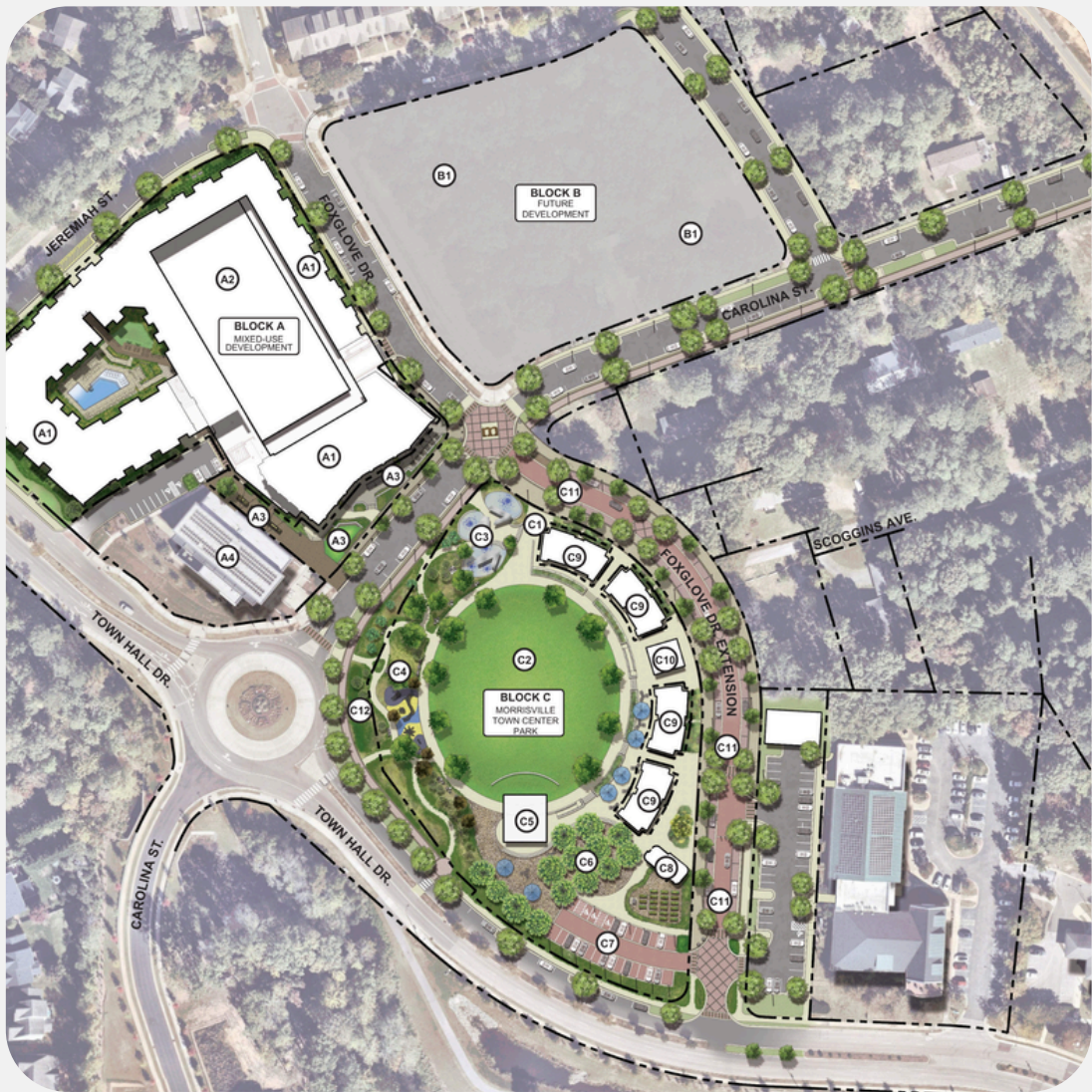
Total Revenues & Sources
\$1,587,000

Latest Indicated Cost
\$2.75 million

STRATEGIC PLAN

- ☒ **Improved transportation mobility**
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- ☐ **Operational excellence**

TOWN CENTER PHASE 1A



START DATE: SUMMER 2024

CURRENT PHASE: DESIGN/PERMITTING

EST. COMPLETION DATE: TBD

PROJECT MANAGER: KYLE COOPER

SUMMARY

Block A comprises of a mixed-use building and a parking deck surrounding the existing library. Block C comprises of a new town green, outdoor stage, cottage retail buildings, public restroom, plaza with sculptures and water features, walkways, new streetscapes along Town Hall Drive, Foxglove and Carolina Street, playground and landscape/hardscape features throughout.

STATUS

- Block A plans have been submitted for plan approval:
 - Package 1 – Mixed Use Building – review complete
 - Package 2 - pocket park and temp parking lot – Second submittal complete, consultant revising plans to address latest round of comments.
- Block C (Town Green) - Third round of reviews in progress. Comments due by July 14th.

Challenges:

- Designing the park amenities within the allocated budget.

FINANCES

Total Revenues & Sources
\$27,961,204

Latest Indicated Cost - Professional Services
\$2.1 million

STRATEGIC PLAN

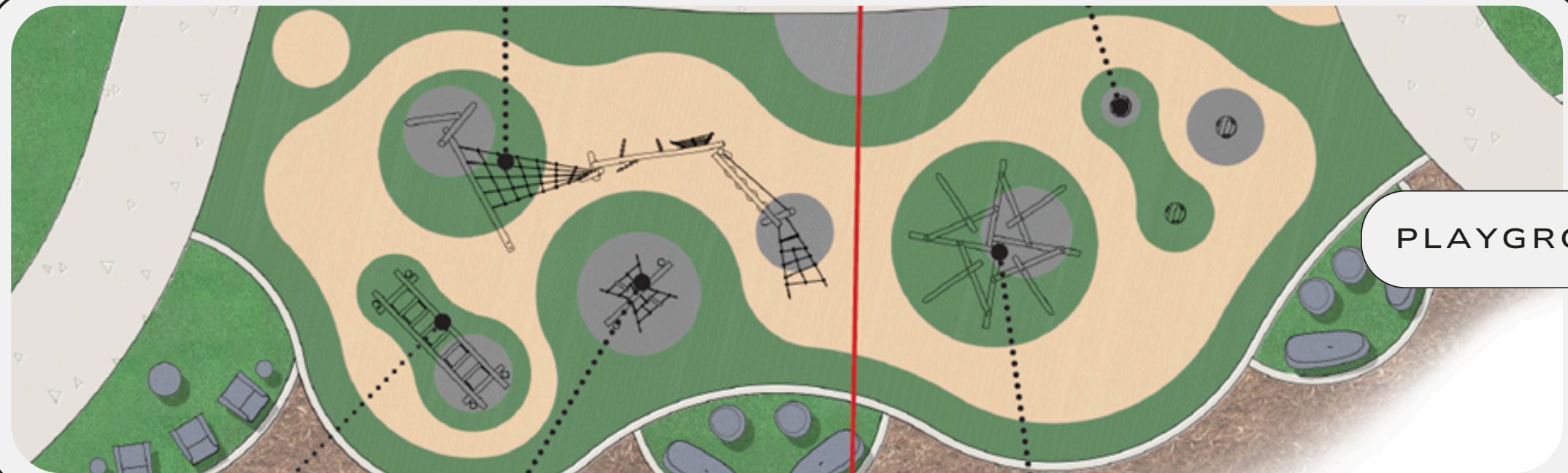
- ☐ Improved transportation mobility
- ☐ Economic prosperity
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HIGHLIGHTS



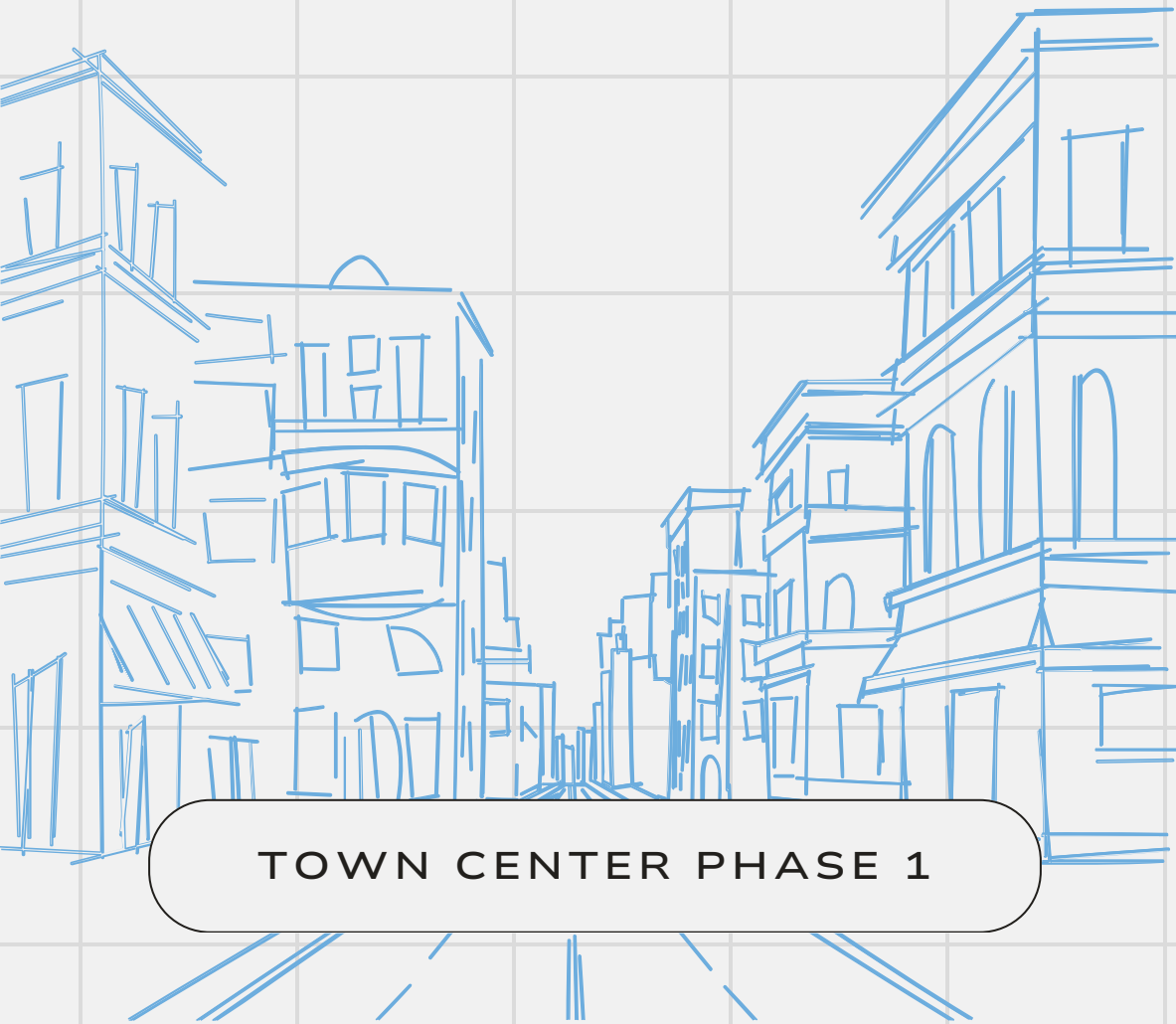
PLAZA CONCEPTUAL
IMAGE



PLAYGROUND LAYOUT



COTTAGE RETAIL
CONCEPTUAL IMAGE



TOWN CENTER PHASE 1

TOWN CENTER DISTRICT

BRANDING, SIGNAGE AND WAYFINDING PLAN



SUMMARY

Develop a town center district branding, signage and wayfinding program in connection identifying key points of interest like the Town Green, library, playgrounds, dog park, retail centers, historic landmarks and other locations. Project will include implementation of street level and pedestrian level signs, establishing a complementary, yet unique Town Center District brand.

FINANCES

Total Revenues & Sources
\$TBD

Latest Indicated Cost
\$TBD

STATUS

- RFQ was advertised and 9 firms submitted proposals. Town staff are in the process of reviewing and evaluating proposals to recommend a firm to develop the plan.

STRATEGIC PLAN

- ☐ Improved transportation mobility
- ☐ Economic prosperity
- ☒ Engaged, inclusive community
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START DATE: TBD

CURRENT PHASE: PLANNING

EST. COMPLETION DATE: TBD

PROJECT MANAGER: TBD

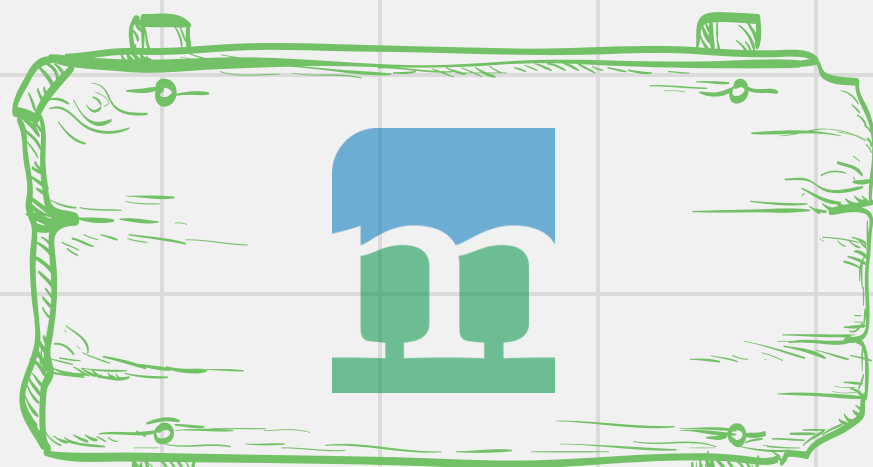


HIGHLIGHTS

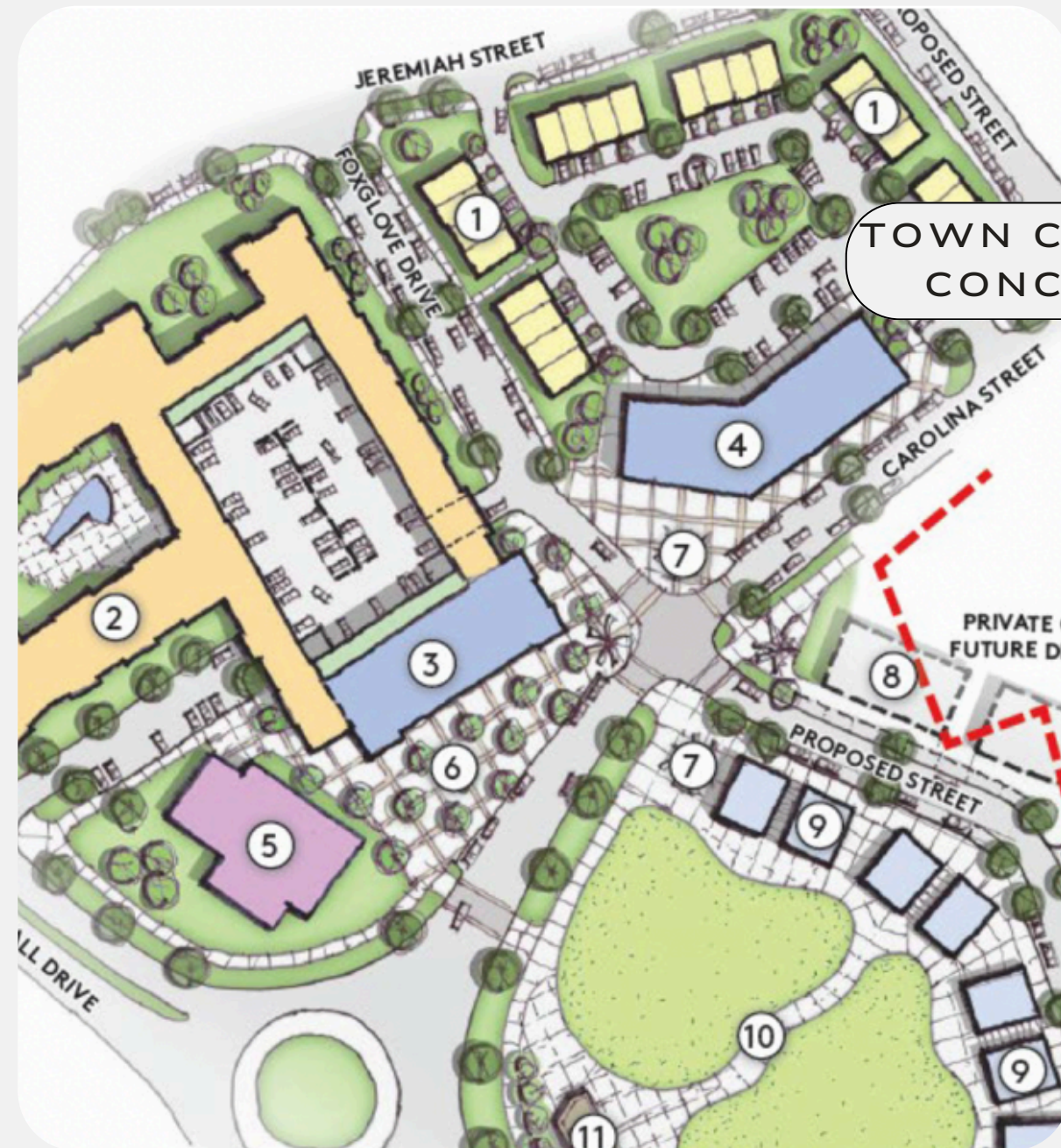


MONUMENTAL SIGN
SAMPLE

WAYFINDING SIGN
SAMPLE



TOWN CENTER DISTRICT
BRANDING, SIGNAGE AND
WAYFINDING



TOWN CENTER DISTRICT
CONCEPTUAL PLAN

MORRISVILLE SENIOR CENTER EXPANSION



START DATE: FUTURE FY26

CURRENT PHASE: FUTURE FY26

EST. COMPLETION DATE: TBD

PROJECT MANAGER: KITTY THOMAS

SUMMARY

Expand into two additional store frontage spaces adjacent to the existing Senior Center at the McCrimmon Corners shopping center bringing the total space available to approximately 5,500 SF. This will provide additional programming space to accommodate the interests of the patrons.

STATUS

- Council authorized staff to execute a lease agreement to acquire additional space
- 5 responses received for the Request for Qualifications for Design Services are under the selection process.

Challenges:

FINANCES

Total Revenues &
Sources
\$850,000

Latest Indicated Cost
\$TBD

STRATEGIC PLAN

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THE GABLES ROADWAY PROJECT



SUMMARY

This project is to evaluate the condition of streets in the Gables community and to design repairs and reconstruction solutions to bring the streets up to current town standards

FINANCES

Total Revenues & Sources
\$300,000

Latest Indicated Cost
\$2.6 million

STATUS

- Design-Build delivery method and project funding were approved by Town Council at the May 27 meeting.
- Development of Request for Qualifications for Design-Build is underway.

Challenges:

- The roadway deterioration is unexpected for a roadway network of this age and was a result of poor construction practices when originally constructed.
- Cost escalations have made it more difficult to proceed with construction.

STRATEGIC PLAN

- ☒ Improved transportation mobility
- ☐ Economic prosperity
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START DATE: DECEMBER 2023

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: 2026

PROJECT MANAGER: KITTY THOMAS

TEMPORARY DISC GOLF COURSE



START DATE: MAY 2025

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: TBD

PROJECT MANAGER: BRANDON GOFF

SUMMARY

Project Summary: Temporary Disc-Golf course to replace/relocate Dragonfly shortly after the Town Center project breaks ground in August 2025.

STATUS

- Kick off design and site visit conducted 4/24 to review layout options.
- Working on course layout and underbrush removal for golf lane placement.

Challenges:

FINANCES

Total Revenues & Sources
\$TBD

Latest Indicated Cost
\$TBD

STRATEGIC PLAN

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CAPITAL PROJECTS
FY26-29
FUTURE PROJECTS

WCPSS CEDAR FORK ELEMENTARY

ATHLETIC FIELDS



START DATE: FUTURE FY26

CURRENT PHASE: FUTURE FY26

EST. COMPLETION DATE: TBD

PROJECT MANAGER: KYLE COOPER

SUMMARY

Project Summary: Sport lighting to support new multi-purpose facilities to be constructed in partnership with Wake County Public Schools as part of an Interlocal Agreement with them related to the construction of a new high school to serve the Morrisville high school students. The Town of Morrisville will handle all betterments and maintenance.

STATUS

- Follow up discussions to be held with Town staff and Wake County to clarify remaining questions.

Challenges:

FINANCES

Total Revenues & Sources
\$731,000

Latest Indicated Cost
\$TBD

STRATEGIC PLAN

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INTERSECTION IMPROVEMENTS PHASE 3



SUMMARY

As part of the intersection improvement study, 2 intersections were deemed future based on their level of service benefits. Downing Glen at Town Hall Drive and Church St and Jeremiah St were identified as potential locations for 2 new traffic circles

FINANCES

Total Revenues & Sources
\$2.2 million

Latest Indicated Cost
\$TBD

STATUS

- Planned start in FY27

Challenges:

-

STRATEGIC PLAN

- ☒ Improved transportation mobility
- ☐ Economic prosperity
- ☐ Engaged, inclusive community
- ☐ Public safety readiness
- ☐ Thriving, livable neighborhoods
- ☐ Operational excellence

START DATE: FUTURE FY27

CURRENT PHASE: FUTURE FY27

EST. COMPLETION DATE: TBD

PROJECT MANAGER: TBD

NCDOT MCCRIMMON WIDENING/FLYOVER

U-5747



START DATE: NOVEMBER 2026

CURRENT PHASE: DESIGN/ROW

EST. COMPLETION DATE: 2030

PROJECT MANAGER: BRET MARTIN

SUMMARY

NCDOT is widening McCrimmon Pkwy from two to four lanes from west of Davis Dr to Perimeter Park Dr. The project includes a flyover of the railroad tracks and NC 54, displaced left-hand turn lane design at Davis Dr, additional improvements at intersections along the roadway segment, street lights, bridge lighting and aesthetic enhancements, on-street bike lanes, and a wider sidewalk/multi-use path on the north side of the roadway. The flyover / bridge is proposed to be named in remembrance of Sergeant Godwin.

STATUS

- Full right-of-way certification is anticipated in approx. 5-6 months, and the construction let date is currently scheduled for November 2026 with possibility of further delay.
- NCDOT is working to produce final cost estimates for Town betterments, and Town staff is anticipating receipt of a draft municipal agreement from NCDOT for betterment engineering services within the next month to move forward with integration of betterments into the overall design for the facility.

Challenges:

- Right-of-way and easement acquisition has been slower than anticipated, resulting in NCDOT delaying the project schedule several times.

FINANCES

Total Revenues & Sources:
\$2,250,000 for Town-financed betterments

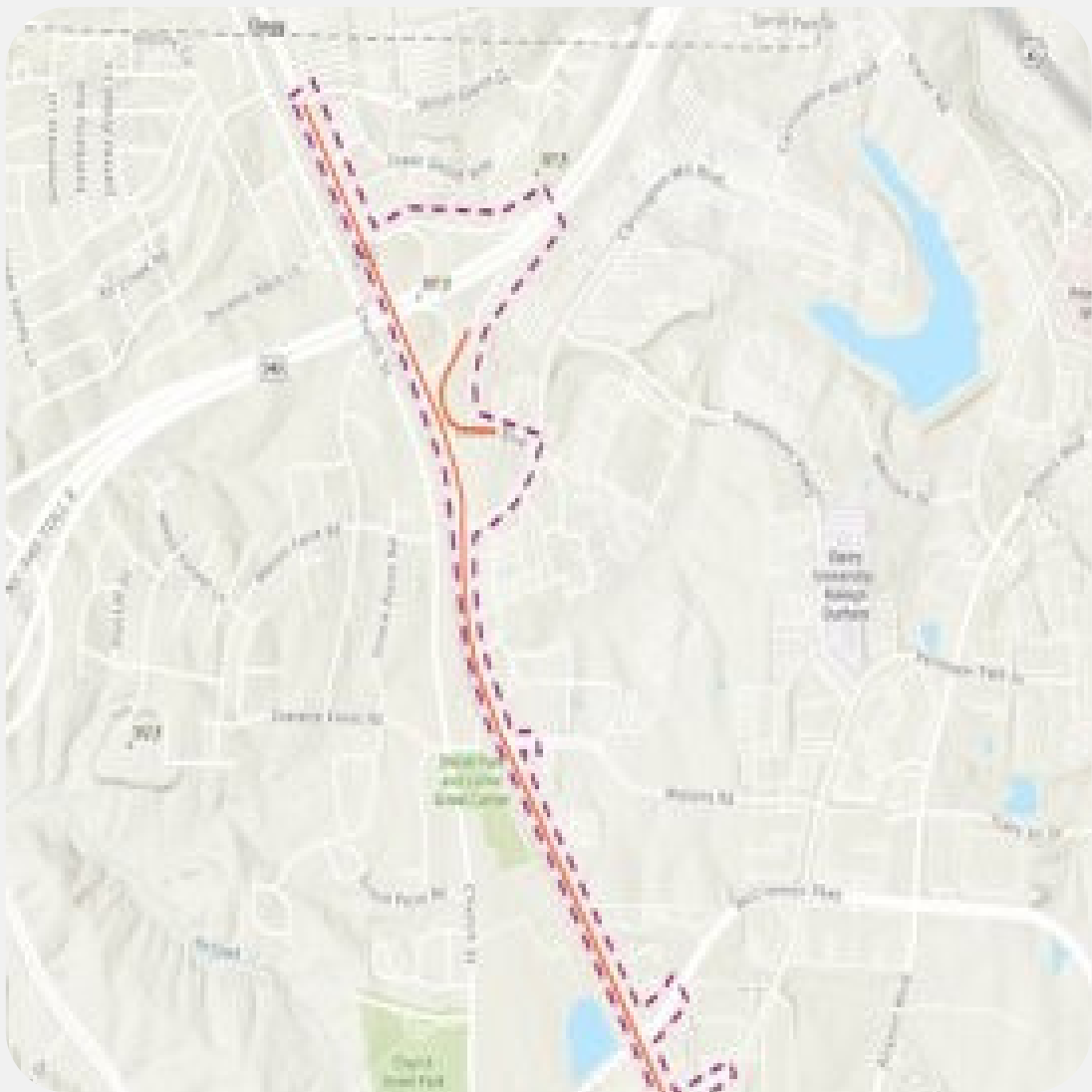
Latest Indicated Cost:
\$90.2 million remaining for full project (cost to NCDOT)

STRATEGIC PLAN

- ☒ **Improved transportation mobility**
- ☐ **Economic prosperity**
- ☐ **Engaged, inclusive community**
- ☐ **Public safety readiness**
- ☐ **Thriving, livable neighborhoods**
- ☐ **Operational excellence**

NCDOT NC 54 WIDENING

U-5750



START DATE: FNOVEMBER 2026

CURRENT PHASE: DESIGN/ROW

EST. COMPLETION DATE: 2030

PROJECT MANAGER: BRET MARTIN

SUMMARY

NCDOT is widening NC 54 from two lanes to four lanes from Shiloh Glenn Drive to Perimeter Park Drive, with additional lanes around the NC 540 interchange. The project includes access management changes along the corridor, streetlights, traffic signal and pedestrian crossing improvements at the Carrington Mill Blvd/Lichtin Blvd intersection, ten-foot multi-use path, and project integration with the McCrimmon Pkwy widening and flyover project (U-5747).

STATUS

- U-5750 and U-5747 are now planned to be let for construction together in November 2026 with possibility of further delay.
- NCDOT is working to produce final cost estimates for Town betterments, and Town staff is anticipating receipt of a draft municipal agreement from NCDOT for betterment engineering services within the next month to move forward with integration of betterments into the overall design for the facility.

Challenges:

- Right-of-way and easement acquisition has been slower than anticipated resulting in NCDOT moving the project schedule out several times.

FINANCES

Total Revenues & Sources:
\$1,833,300 for Town-financed betterments

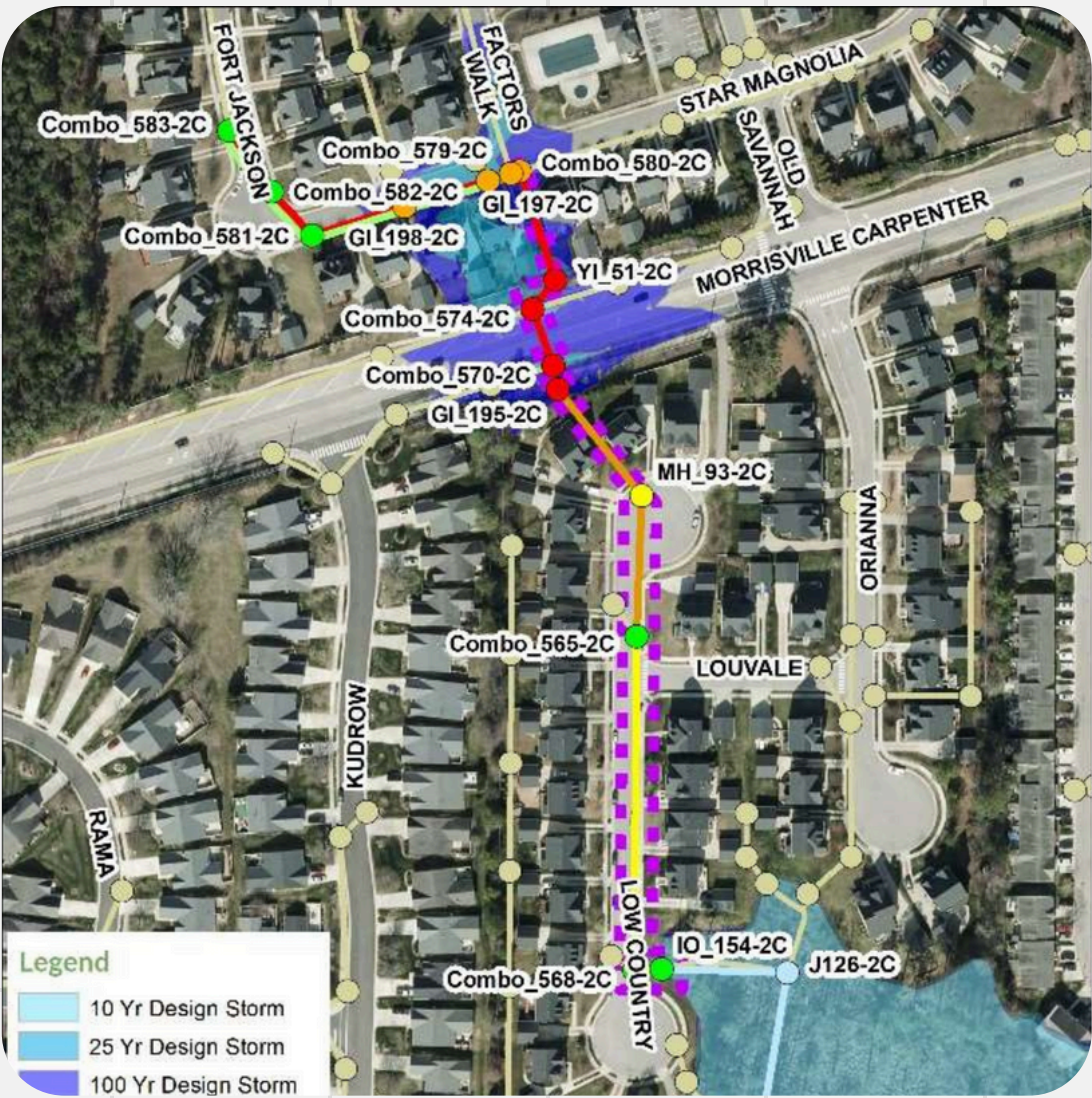
Latest Indicated Cost:
\$41.1 million remaining for full project (cost to NCDOT)

STRATEGIC PLAN

- ☒ **Improved transportation mobility**
- ☐ **Economic prosperity**
- ☐ **Engaged, inclusive community**
- ☐ **Public safety readiness**
- ☐ **Thriving, livable neighborhoods**
- ☐ **Operational excellence**

SAVANNAH SUBDIVISION

CULVERT UPGRADE



START DATE: FY27 (DESIGN)

CURRENT PHASE: STUDY

EST. COMPLETION DATE: TBD

PROJECT MANAGER: BEN MILLS, P.E.

SUMMARY

Project Summary: Design and construction of drainage system upgrades to eliminate flooding that occurs at the Old Savannah Subdivision along Star Magnolia and Morrisville Carpenter during high storm events.

STATUS

- Study phase has been completed
- Planned start of design scheduled for FY 27

Challenges:

- Disrupting Morrisville Carpenter Road

FINANCES

Total Revenues & Sources
\$1,750,000

Latest Indicated Cost
\$TBD

STRATEGIC PLAN

- ☐ Improved transportation mobility
- ☐ Economic prosperity
- ☐ Engaged, inclusive community
- ☐ Public safety readiness
- ☒ Thriving, livable neighborhoods
- ☐ Operational excellence

WAKE TECH PARK - WATKINS ROAD



START DATE: FY26/27

CURRENT PHASE: FUTURE

EST. COMPLETION DATE: TBD

PROJECT MANAGER: TBD

SUMMARY

Project Summary: Design and construction of a new passive park with parking and a restroom/shelter building.

STATUS

- Planned start of design in FY 26
- Programming to be an outcome of the Parks Master Plan update

Challenges:

FINANCES

Total Revenues &
Sources
\$6,050,000

Latest Indicated Cost
\$TBD

STRATEGIC PLAN

- ☐ Improved transportation mobility
- ☐ Economic prosperity
- ☒ Engaged, inclusive community
- ☐ Public safety readiness
- ☒ Thriving, livable neighborhoods
- ☐ Operational excellence



FUTURE PROJECT PLANNING/STUDIES

CHURCH STREET PARK VISION STUDY



START DATE: JANUARY 2025

CURRENT PHASE: STUDY PHASE ONLY

EST. COMPLETION DATE: SUMMER 2025

PROJECT MANAGER: KYLE COOPER

SUMMARY

Evaluation and Opportunity/Constraint study of existing Church Street Park, Southern Lot and Shiloh Park to determine future possibilities for renovations and expansions on the property to better accommodate cricket as well as additional recreational amenities. Study includes and economic impact analysis and alignment with any proposed alternatives.

STATUS

- Draft study report provided by consultant in early July for departmental feedback, economic impact analysis still being finalized for review.

Challenges:

FINANCES

Total Revenues & Sources
\$208,405

Latest Indicated Cost - Professional Services
\$208,405

STRATEGIC PLAN

- ☐ Improved transportation mobility
- ☐ Economic prosperity
- ☒ Engaged, inclusive community
- ☐ Public safety readiness
- ☒ Thriving, livable neighborhoods
- ☐ Operational excellence

NCDOT FUTURE ROADWAY PROJECTS



START DATE: TDB

CURRENT PHASE: CONCEPTUAL

EST. COMPLETION DATE: TBD

PROJECT MANAGER: BRET MARTIN

SUMMARY

Various NCDOT roadway projects planned/programmed to be implemented in Morrisville in the next 10 years. The latest indicated costs are costs to NCDOT and not the Town.

STATUS

- Draft 2026-2035 STIP – The draft of the State Transportation Improvement Program (STIP) for 2026-2035 has been released. The STIP identifies funding for transportation project construction and other associated activities, costs, and schedules for projects throughout the state over a 10-year period. Public comment on the draft closed on April 4. The North Carolina Board of Transportation is anticipated to take action to adopt the draft STIP this summer.
- The Capital Area Metropolitan Planning Organization (CAMPO) Executive Board is anticipated to take action on its 2026-2035 TIP to match the new STIP at its August regular meeting.

Challenges:

- N/A

FINANCES

Total Revenues &
Sources:
\$TBD

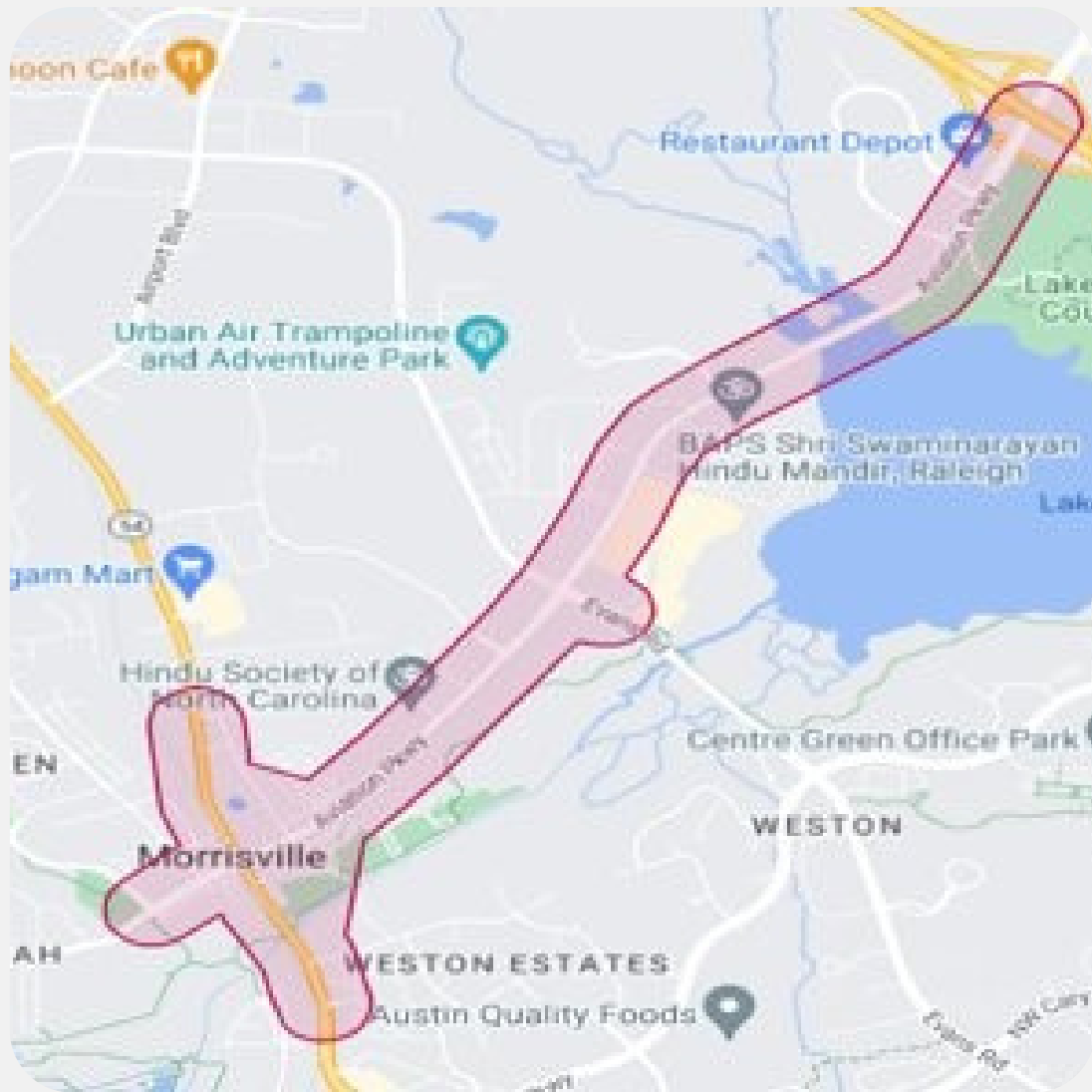
Latest Indicated Cost:
\$TBD

STRATEGIC PLAN

- ☒ Improved transportation mobility
- ☐ Economic prosperity
- ☐ Engaged, inclusive community
- ☐ Public safety readiness
- ☒ Thriving, livable neighborhoods
- ☐ Operational excellence

NCDOT AVIATION PARKWAY WIDENING

(U-5811)



START DATE: TDB

CURRENT PHASE: CONCEPTUAL

EST. COMPLETION DATE: TBD

PROJECT MANAGER: BRET MARTIN

SUMMARY

NCDOT plans to widen Aviation Parkway from NC 54 to I-40 . The existing roadway will be widened to a four-lane, median-divided roadway with bicycle and pedestrian facilities. A quadrant-loop intersection is proposed at the intersection of Aviation Parkway and NC 54, and NC 54 is proposed to be shifted slightly to the east to create greater separation between the railroad and roadway. The purpose of this project is to address congestion issues through 2050, to improve east-west mobility through Morrisville, and improve operations at intersections.

STATUS

Aviation Parkway Widening (NC 54 to I-40) (U-5811):

- A conceptual functional design for the project is complete. ROW plans will begin development this summer.
- A public meeting was held by NCDOT on May 12th to gather feedback on the conceptual functional design for the project before proceeding with more detailed design and other implementation planning efforts.
- Town staff is currently working with NCDOT to consider various signalization and pedestrian treatments for the facility.

Challenges:

- The draft STIP shows the Aviation Parkway widening (U-5811) project starting construction in FY30

FINANCES

Total Revenues & Sources:
\$TBD

Latest Indicated Cost:
\$67.3 million
remaining for project

STRATEGIC PLAN

- ☒ Improved transportation mobility
- ☐ Economic prosperity
- ☐ Engaged, inclusive community
- ☐ Public safety readiness
- ☒ Thriving, livable neighborhoods
- ☐ Operational excellence

PUGH HOUSE PROJECT (STUDY)



START DATE: EARLY 2024

CURRENT PHASE: STUDY

EST. COMPLETION DATE: TBD

PROJECT MANAGER: ERIC PEARSON P.E.

SUMMARY

Redevelop the existing Pugh as an adaptive restoration and re-use from current residential use to a new proposed use to support its location within the Town Center District.

STATUS

- A set of options was prepared and presented to Town Council at the second July 2024 meeting.
- Council asked to table the project. Staff will investigate potential grants for the project and review regulatory requirements.

Challenges:

- Determining proper re-use and allocating funding to proceed with design and re-construction
- Parcel size and parking restrictions

FINANCES

Total Revenues &
Sources
\$100,000

Latest Indicated Cost
\$TBD

STRATEGIC PLAN

- ☐ Improved transportation mobility
- ☐ Economic prosperity
- ☒ Engaged, inclusive community
- ☐ Public safety readiness
- ☒ Thriving, livable neighborhoods
- ☐ Operational excellence

WAKE COUNTY CONVENIENCE CENTER

SOLID WASTE FACILITY



START DATE: TBD

CURRENT PHASE: DESIGN

EST. COMPLETION DATE: TBD

PROJECT MANAGER: TBD

SUMMARY

Project Summary: With the termination of the joint Western Wake Convenience Center and Public Works Facility, Wake County is reviewing options for a stand-alone Solid Waste Facility. One option is to have the facility on Aviation Parkway where the joint facility was planned.

This project is funded and managed by Wake County with a land partnership with the Town of Morrisville.

FINANCES

Total Revenues & Sources
\$TBD

Latest Indicated Cost
\$TBD

STATUS

- A concept plan was prepared by the County and is under review by the Town
- If approved, the next step is to enter into a new MOU and refine the conceptual plan

Challenges:

- A new Special Use Permit will be required
- Public Works will need to vacate its current facilities and move into the 125 International Drive facility to enable the county to proceed with construction of the new convenience center.

STRATEGIC PLAN

- ☐ Improved transportation mobility
- ☐ Economic prosperity
- ☒ Engaged, inclusive community
- ☐ Public safety readiness
- ☒ Thriving, livable neighborhoods
- ☐ Operational excellence

GLOSSARY



ADA Compliance - Ensures that individuals with disabilities have equal access to services, facilities, and information. American Disabilities Act (ADA) is federal law that prohibits discrimination against people with disabilities in various areas, including employment, public accommodations, transportation, and telecommunications. Compliance means making reasonable modifications and adjustments to policies, practices, and procedures to accommodate individuals with disabilities.

ARPA Funds - American Rescue Plan Act (ARPA) provided to local and tribal governments for COVID-19 recovery efforts. These funds can be used for a wide range of purposes, including offsetting revenue losses, addressing pandemic impacts, providing premium pay for essential workers, and investing in infrastructure.

CDs – Construction Drawings or Construction Documents are plans/blueprints developed during the design phase of the project.

DEQ – The North Carolina Department of Environmental Quality (DEQ)

Easement Acquisition- the process of acquiring a right to use another person's property for a specific purpose, without taking ownership of the land itself. This can involve negotiating and obtaining an agreement with the property owner for the right to use the land generally for the development of infrastructure projects.

Public Private Partnership- is a cooperative arrangement between a government and a private company to deliver a public service, facility, park, housing or infrastructure project. These partnerships aim to leverage private sector expertise, funding, and innovation to enhance the efficiency, quality, and cost-effectiveness of the public improvements.

GLOSSARY



Right(s) of Way - is a specific public route taken by people, animals, vehicles, watercraft, or where utility lines travel and gives them the legal right to do so. Rights-of-way in the physical sense include public highways, roadways, sidewalks, railroads, streams, hiking paths/greenways, multi-use paths/bicycle paths and utility corridors.

Site Plan - also known as a plot plan, is a detailed drawing that shows the layout and features of a construction site or a property. It's essentially a blueprint for how a building or development fits within its surroundings, including existing and proposed structures, infrastructure, and landscaping.

Special Use Permit - allows activities on land that are generally not permitted by zoning regulations but are allowed under specific conditions. Essentially, it's a permission slip for land use that would otherwise be prohibited but may be allowed with special permission and approvals.

LAPP Funding - The Locally Administered Projects Program (LAPP) was first adopted by the NC Capital Area MPO on October 20, 2010. The program is used by the MPO to prioritize and program local transportation projects in the region that utilize federal funding. LAPP is a competitive funding program managed by CAMPO that prioritizes locally administered projects in the Region. These projects are funded using federal funding sources directly attributed to the region with a minimum 20% local match. The Town of Morrisville is a member jurisdiction of the CAMPO region and is eligible to apply for these funds.

STIP - The N.C. Department of Transportation's long-range transportation plan – called the State Transportation Improvement Program (STIP) – identifies the construction funding and schedule for state transportation projects over a 10-year period. NCDOT updates the STIP approximately every two years.

GLOSSARY



Streets PIL (Payment in Lieu) – means instead of or as a substitute for payment. Streets PIL are payments collected by the Town for private development that will require future road construction in lieu of constructing the road as part of the development.

Traffic Warrant – A traffic engineering analysis using collected data to determine whether or not a certain construction improvement meets the required standards for implementation. For example, the installation of a new traffic signal requires a warrant analysis to determine if a new signal installation meets the minimum criteria and will provide an engineering/safety benefit if installed. Warrants study vehicle volume data, turning movement data and crash data to make a determination.

Let a project - In the construction industry, the term “letting” refers to the process of awarding contracts for construction projects through a formal bidding process. This phase is essentially the official construction commencement date.

Parks PIL (Payment in Lieu) - means instead of or as a substitute for payment. Parks PIL are payments collected by the Town for private development that will require future park construction in lieu of constructing the park as part of the development.

NCDOT - stands for North Carolina Department of Transportation. It's the state agency responsible for managing and operating various transportation systems within North Carolina, including highways, rail, aviation, and public transit. NCDOT is responsible for ensuring the safety, efficiency, and accessibility of transportation infrastructure across the state on the state-maintained right-of-way network.

CAMPO (Capital Area Metropolitan Planning Organization) - a regional transportation planning organization serving communities in Chatham, Franklin, Granville, Harnett, Johnston and Wake Counties.

