

## Top Prioritized GF CIP Projects in 5-Year Planning Period

The project concepts are shown by major category in alphabetical order. Estimated project costs reflect amounts anticipated to be funded within the FY25 – FY29 CIP planning period. Some projects have received prior year funding or may require funding beyond FY28 for completion. More information will be provided during work session for CIP.

### Bicycle & Pedestrian

<b>Project</b>	<b>Sidewalk Connectivity-Future Projects</b>
<b>Estimated Cost</b>	<b>\$2 million</b>
Scope	Completion of missing sidewalk segments along with projects on NCDOT rights-of-way. The Comprehensive Transportation Plan has identified sidewalks as a key component at all Town corridors. The future projects list includes segments of Louis Stephens Drive, various segments on NC54, Sorrell Grove Church Road and two segments of International Drive.

### Parks & Recreation

<b>Project</b>	<b>Cedar Fork Elementary Athletic Facilities</b>
<b>Estimated Cost</b>	<b>\$731,900</b>
Scope	Lighting to support athletic facilities that will be constructed by the Wake County Public School System in conjunction with construction of the new Wake County Public High School. Planned facilities include: <ul style="list-style-type: none"> <li>• 1 Softball Field</li> <li>• 6 Tennis Courts.</li> </ul>

<b>Project</b>	<b>Future Town Parks &amp; Open Space</b>
<b>Estimated Cost</b>	<b>\$8.3 million</b>
Scope	To protect limited open space through the acquisition of parkland as identified in the Parks Master Plan (over the next 10 years) with a variety of park classifications. This could include focus areas within the Town Center, historic preservation, and open green space. The purpose is to develop a robust park system with adequate acreage and various park types equitably distributed throughout Town. This would only include land for future public purpose of parks and open space aligning with the Town’s Land Acquisition Policy Goals.

<b>Project</b>	<b>Marcom Drive (Marcom Properties) Parkland Concept</b>
<b>Estimated Cost</b>	<b>\$4 million</b>
Scope	Design & construction of recreation amenities on recently acquired parcels along Marcom Drive, Wake County property, and Sorrell Grove Church Road. This site could accommodate, disc-golf, nature trails, canoe launches, ropes course, other passive amenities and support structures.

<b>Project</b>	<b>Wake Tech Parkland Concept</b>
<b>Estimated Cost</b>	<b>\$3.4 million</b>
Scope	Develop approximately 18 acres of leased land adjacent to the Wake Tech Research Triangle Park (RTP) Campus into parkland to accommodate a variety of passive and active recreational uses that are allowed within the Airport Overlay such as nature trails, disc-golf course, basketball courts, & support amenities.

Transportation

<b>Project</b>	<b>Airport Boulevard Extension Phase I</b>
<b>Estimated Cost</b>	<b>\$2.0 million</b>
Scope	Specifically, to address cost overages related to the design & construct phase I (0.435 miles) from current terminus near Garden Square Lane to Church Street to include engineering, ROW purchase and roadway construction. Design involves 4-lane cross section divided with a 17.5-31-foot median, 10-foot side path on the south side and 5-foot sidewalk on the north side.

<b>Project</b>	<b>Intersection Improvements Phase II</b>
<b>Estimated Cost</b>	<b>\$3.1 million</b>
Scope	Improvements at intersections at several intersections with current level of service (LOS) deficiencies identified as part of the 2021 Intersection Improvements Study. Intersections include: <ul style="list-style-type: none"> <li>• Slater Road and Sorrell Grove Church Road/Copley Parkway</li> <li>• NC-54 at Keybridge Drive</li> <li>• Morrisville Parkway at Back Ridge Street/Creek Park Drive</li> <li>• NC-54 at Morrisville Parkway</li> <li>• Morrisville Parkway at Davis Drive</li> </ul> Types of improvements include: new turn lanes, modified medians, upgrade of existing crosswalks to high-visibility patterns, and construction of new signalized intersections.

<b>Project</b>	<b>Intersection Improvements Phase III</b>
<b>Estimated Cost</b>	<b>\$2 million</b>
Scope	Improvements at intersections at several intersections with projected future level of service (LOS) deficiencies identified as part of the 2021 Intersection Improvements Study. Intersections include: <ul style="list-style-type: none"> <li>• Downing Glen Drive at Town Hall Drive <ul style="list-style-type: none"> <li>○ New roundabout and high visibility crosswalks</li> </ul> </li> <li>• Church Street at Jeremiah Street <ul style="list-style-type: none"> <li>○ New roundabout and sidewalks along both sides of Church St.</li> </ul> </li> </ul>

<b>Project</b>	<b>McCrimmon Parkway Widening Betterments</b>
<b>Estimated Cost</b>	<b>\$1.7 million</b>
<b>Scope</b>	Includes betterments associated with the widening of McCrimmon Parkway from Davis Drive to NC-54. Betterments include: <ul style="list-style-type: none"> <li>• Increased sidewalk width on North side</li> <li>• Streetlight conduit</li> <li>• Davis Dr. and Parkside Valley Dr. Intersection Improvements</li> <li>• Flyover/Aesthetics.</li> </ul>

<b>Project</b>	<b>NC-54 Widening Betterments</b>
<b>Estimated Cost</b>	<b>\$1.5 million</b>
<b>Scope</b>	Includes betterments associated with the widening of NC-54 between Perimeter Park Drive and Shiloh Glen Drive. Betterments include: <ul style="list-style-type: none"> <li>• 10 ft. wide multi-use path on North side</li> <li>• Streetlight conduit</li> <li>• Extension of median along Perimeter Park Drive</li> <li>• Upgraded traffic light at Carrington Mill Blvd. and Lichtin Blvd from wood poles to mast poles and added pedestrian crossing</li> <li>• Irrigation to landscape medians.</li> </ul>

*Town Center*

<b>Project</b>	<b>Town Center Phase I</b>
<b>Estimated Cost</b>	<b>\$9.7 million</b>
<b>Scope</b>	Includes Town responsibilities for the first phase of Town Center based on the anticipated future Development Services Agreement including: <ul style="list-style-type: none"> <li>• Town green and plazas</li> <li>• Public infrastructure to support the development including: <ul style="list-style-type: none"> <li>○ Roadway improvements</li> <li>○ Water/sewer infrastructure.</li> </ul> </li> </ul>

<b>Project</b>	<b>Town Center Land Acquisition</b>
<b>Estimated Cost</b>	<b>\$TBD</b>
<b>Scope</b>	Future phasing of Town Center master plan will require additional land assemblage for site control. Conceptual plans will include future civic amenities and complimentary mix of uses for economic development.

Public Facilities & Public Safety

**Project Existing Fire Station 2: NC-54 Widening Impacts**

**Project Amount \$285K**

**Scope** NCDOT has a road widening project planned for NC-54 starting in 2023 & is scheduled for completion in 2025. NCDOT will be acquiring ROW for the project including a portion of the land adjacent to the fire station building entrance. This requires building and site modifications to accommodate the new ROW. This includes a new walkway, parking lot modifications and adjustments to the building entrance and covered exterior entryway.

**Project Fire Station 2 Relocation and Construction**

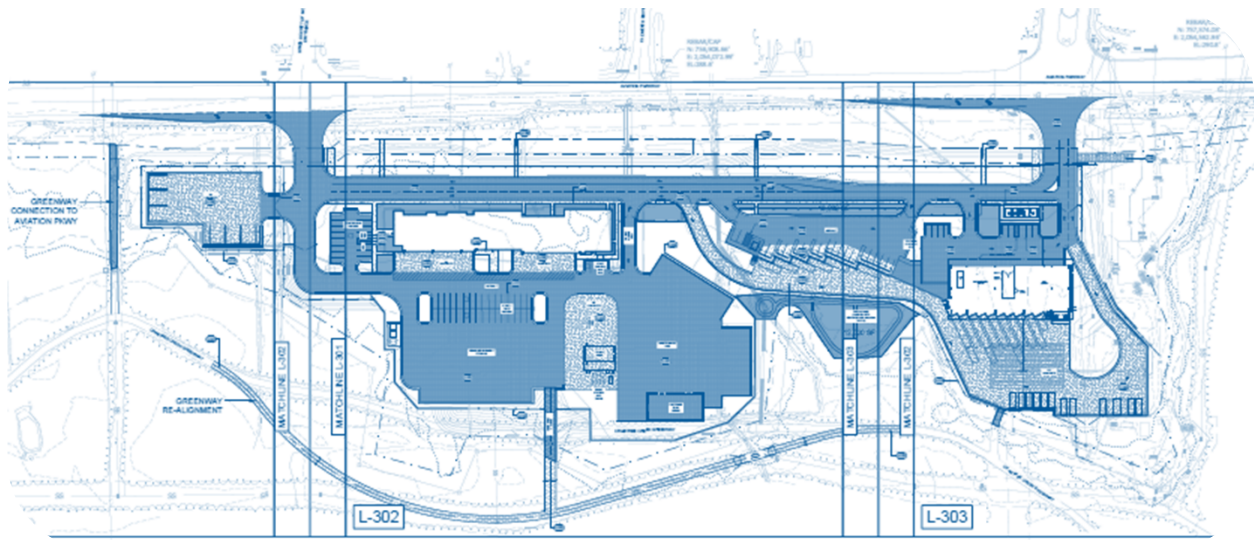
**Project Amount \$14.2 million**

**Scope** Design and construction cost to beginning planning for the relocate and construct Fire Station 2 on the Wake Tech site with a 12,000 to 15,000 Sq foot, two bay station with an EMS option to meet growing community needs within the service area.

**Project Public Works Facility**

**Project Amount \$25.0 million**

**Scope** This project replaces an outdated facility and seeks to improve overall efficiencies and effectiveness of direct core services to the community. Design and construct a new public works facility on existing site to include an administration/fleet building, workshop/ storage building and vehicle/equipment storage building. Includes road frontage improvements. In partnership with Wake County Convenience Center #3 Expansion.



## Top Prioritized SWCIP Projects in 5-Year Planning Period

The project concepts are shown by in alphabetical order. More information may be provided during the CIP work session.

<b>Project</b>	<b>Chessway Drive Culvert</b>
<b>Estimated Cost</b>	<b>\$2 million</b>
Location	Located within the Town maintained ROW of Chessway Drive approximately 150 feet south of the intersection with Chessridge Way (Just off of Davis Drive).
Scope	Construction of a meandering channel incised approximately 2' deeper than the existing channel at the upstream end while maintaining the current culvert inlet invert at Chessway Drive. In addition to the deeper channel, the conceptual design includes the excavation of a relatively flat floodplain 50' on either side of the new channel.
<b>Project</b>	<b>Garden Square Lane Culvert and Greenway</b>
<b>Estimated Cost</b>	<b>\$1 million</b>
Location	Located approximately 150 feet west of the intersection of Garden Square Lane and Councilman Court and includes stormwater infrastructure within the Town maintained ROW of Garden Square Lane and the Town maintained easement along Indian Creek Greenway.
Scope	Replacement and upgrades to existing pipe and culvert infrastructure to mitigate road overtopping and flooding to adjacent residential structures.
<b>Project</b>	<b>Morrisville Carpenter Road Culvert (West of Davis Drive)</b>
<b>Estimated Cost</b>	<b>\$500K</b>
Location	Located within the NCDOT maintained ROW of Morrisville Carpenter Road approximately 1,300 feet west of the intersection with Davis Drive.
Scope	Upsizing of the existing infrastructure to larger aluminum box culvert.
<b>Project</b>	<b>Morrisville Carpenter Road Culvert (West of Madres Lane)</b>
<b>Estimated Cost</b>	<b>\$1.1million</b>
Location	Located within the NCDOT maintained right of way of Morrisville Carpenter Road approximately 230 feet west of the intersection with Madres Lane.
Scope	Includes upsizing of the existing culvert system to mitigate flood risks.
<b>Project</b>	<b>Morrisville Carpenter Road Culvert (West of Millet Drive)</b>
<b>Estimated Cost</b>	<b>\$1 million</b>
Location	Located within the NCDOT maintained ROW of Morrisville Carpenter Road approximately 235 feet west of the intersection with Millet Drive.
Scope	Includes upsizing of the existing culvert system to mitigate flood risks.

**Project** **Morrisville Tributary Stream Restoration (Sawmill Creek)**  
**Estimated Cost** **\$2.3 million**

**Location** Behind Page Street and running parallel with the railroad tracks and Church Street. The project is located along the planned Sawmill Creek Greenway.

**Scope** The project is water quality focused and will tackle an unstable stream and poor habitat conditions. The work would include stabilizing the eroding stream, enhancing the riparian buffer by removing invasive species and adding native plantings, and incorporating pocket wetlands to help improve water quality and habitat conditions.

**Project** **Savannah Subdivision and Morrisville Carpenter Road Culvert**  
**Estimated Cost** **\$1.7 million**

**Location** Located within the NCDOT maintained right-of-way of Morrisville Carpenter Road and within Town maintained rights-of-way of Star Magnolia Drive and Low Country Court within the Savannah subdivision on either side of Morrisville Carpenter Road.

**Scope** Upsizing and replacement of existing pipe infrastructure to mitigate road overtopping and flooding to adjacent residential structures.

**Project** **Town Hall Drive Culvert**  
**Estimated Cost** **\$1.4 million**

**Location** Located within the Town maintained ROW of Town Hall Drive approximately 200 feet north of its intersection with Singer Way.

**Scope** Upsizing of the existing culvert system to mitigate flood risks.

Note: McCrimmon Culvert Project will be completed by NCDOT as part of McCrimmon Parkway flyover projects. Wolfsnare Lane project is active and funding provided in FY2023.

Other Information

**Complete Projects:**

- Fire Station 3-Harris Mill
- Morrisville Carpent Road Widening
- MAFC Phase II Repairs
- Morrisville Community Park Phase III
- Shiloh Park Improvements
- Wolfsnare Lane Culvert
- Airport Boulevard Sidewalk Gaps
- Fire Traffic Pre-emption
- Public Safety Radios

**Future & Beyond:**

- Crabtree Creek Nature Park (Paused for reassessment)
- Sidewalk Future
- Aviation Parkway Widening Betterments
- Cedar Fork District Park Improvements
- Municipal Town Hall
- Pugh House Renovations
- Recreation and Multipurpose Center
- Senior Center Expansion
- Triangle Bikeway
- Future Stormwater Projects