



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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GOVERNOR

J. R. "JOEY" HOPKINS  
SECRETARY

August 19, 2025

**ORANGE COUNTY**

Ms. Tina Moon  
Interim Planning Director  
Town of Carrboro  
301 West Main Street  
Carrboro, NC 27510

Subject: Potential Closure of East Weaver Street (municipal route)  
**Review of Draft Traffic Analysis**

Dear Ms. Moon,

NCDOT staff have completed review of the above subject. Based on the information provided, we offer the following comments with regard to the State road network.

**General:**

The Town of Carrboro is considering closure of East Weaver Street (municipal route) from SR 1772, North Greensboro Street to SR 1010, East Main Street to motor vehicle traffic and convert it to a bicycle and pedestrian-only facility. The street closure would result in redistribution of traffic to other portions of the street network. The Town of Carrboro contracted with Exult Engineering to perform a traffic study to evaluate the existing and future traffic operations of the various study intersections and to make recommendations for the street closure which was assumed to occur in 2026.

**Future Growth, Approved Developments and Committed Improvements By Others:**

Based on historic data, a background traffic volume growth rate of 0% was utilized. The study identified and considered future traffic generated by two approved but not yet built developments. No improvements committed by the public agencies or other third parties were identified or considered in the study.

## **Findings and Recommendations:**

The study identified three intersections on the State highway system as listed below that currently operate with significant delay and lengthy queues on certain movements during the peak periods.

- North Greensboro Street at East/West Weaver Street
- North/South Greensboro Street at East/West Main Street
- East Main Street at Roberson Street/Carr Mill Driveway and East Weaver Street

With the closure of East Weaver Street and assumed traffic re-distribution patterns, operations at these intersections are expected to degrade further. The study identified and recommended the following mitigation strategies.

### North Greensboro Street at East/West Weaver Street

- Close the east leg of East Weaver Street to vehicular traffic.
- Restripe the exclusive southbound left-turn lane on North Greensboro Street to a southbound through lane.
- Restripe the existing exclusive northbound left-turn lane on North Greensboro Street to a second southbound receiving lane.
- Restripe the existing northbound through lane on North Greensboro Street to a shared through/left lane.
- Modify signal for a 3-legged intersection.

### North/South Greensboro Street at East/West Main Street

- Restripe the exclusive southbound left-turn lane on North Greensboro Street to provide full storage.
- Utilize existing pavement, stripe an exclusive northbound right-turn lane on South Greensboro Street with 50 feet of storage and appropriate taper.

### East Main Street at Roberson Street/Carr Mill Driveway and East Weaver Street

- Close the southeast leg of East Weaver Street to vehicular traffic
- Restripe the shared westbound left/through lane on East Main Street to an exclusive westbound left-turn lane.
- Restripe the exclusive westbound right-turn lane on East Main Street to a shared through/right lane.
- Modify signal for a 4-legged intersection.

The analysis indicates that these measures provide reasonable, but not complete, mitigation of the impacts associated with the street closure with significant delay and queuing remaining present.

The study also identified the following pedestrian improvements:

### South Greensboro Street at Roberson Street:

- Stripe a crosswalk along South Greensboro Street

West Main Street/Jones Ferry Road at West Main Street:

- Stripe a crosswalk on the west leg of Jones Ferry Road to accommodate heavy pedestrian traffic.

**Additional Considerations:**

The study identified additional impacts and recommendations for accommodation of parking, truck access, and transit routes. The Department defers to the Town of Carrboro and encourages appropriate due diligence in evaluation of these and other impacts including but not limited to impacts to individual properties and business, access to various parcels, emergency response and other public services.

**Conclusion:**

Based on the information presented, the Department is amenable to the closure of East Weaver Street (municipal route) from North Greensboro Street to East Main Street to motor vehicle traffic should the Town of Carrboro determine that it is in the best interest of the community to proceed. The Town shall be responsible for all aspects of the project including but not limited to, project fundings, design and construction of the mitigation improvements identified in the TIA and all other necessary infrastructure modifications and improvements. The Town will need to submit a final sealed copy of the TIA and complete roadway and traffic signal plans to the Department for review and approval prior to proceeding with the project.

Feel free to contact me if you have any questions.

Sincerely,

DocuSigned by:  
  
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District Engineer

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