



PROJECT CONTACT INFORMATION

Comments can be placed in the comment box, mailed, or emailed to Kim Gillespie (below). Please provide comments by October 29th.

If you need additional information or would like to discuss the project further, please contact the following project representative:

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PROPOSED IMPROVEMENTS to the US 74-76 (Eastwood Road) Intersection with US 76/SR 1409 (Military Cutoff Road) in Wilmington

Public Information Meeting - September 29, 2015

TIP Project U-5710

PROJECT SCHEDULE



*Schedules are subject to funding and may change

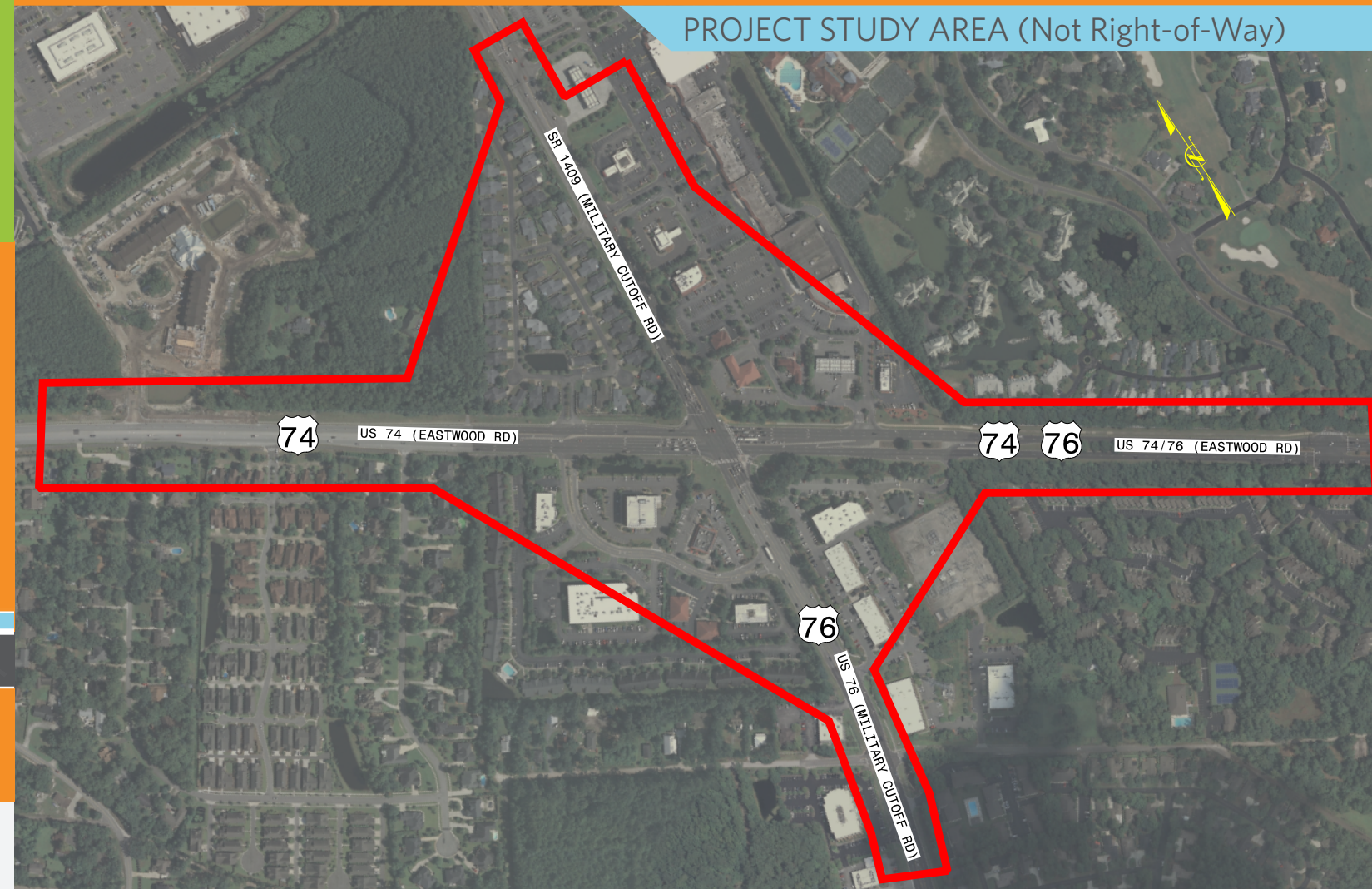


NCDOT is on the Web! www.ncdot.gov

Public involvement is an important part of the planning process.

The NCDOT encourages citizen involvement on transportation projects, and will consider your suggestions and address your concerns. If you have transportation questions on other projects, call our Customer Service Center toll-free at 1-877-DOT-4YOU, or visit the NCDOT website at www.ncdot.gov.

Our 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.



PROJECT DESCRIPTION

The North Carolina Department of Transportation (NCDOT) is conducting studies to address traffic congestion at the US 74-76 (Eastwood Road) / US 76/SR 1409 (Military Cutoff Road) intersection in Wilmington. These improvements will increase safety and improve the traffic carrying capacity.

PURPOSE OF THE MEETING

The purpose of the meeting is to allow the local community and project stakeholders an opportunity to:

- Provide information on the desired improvements.
- Obtain feedback from area residents concerning the project.
- Gather input from the public or interested organizations about other resources in the area.

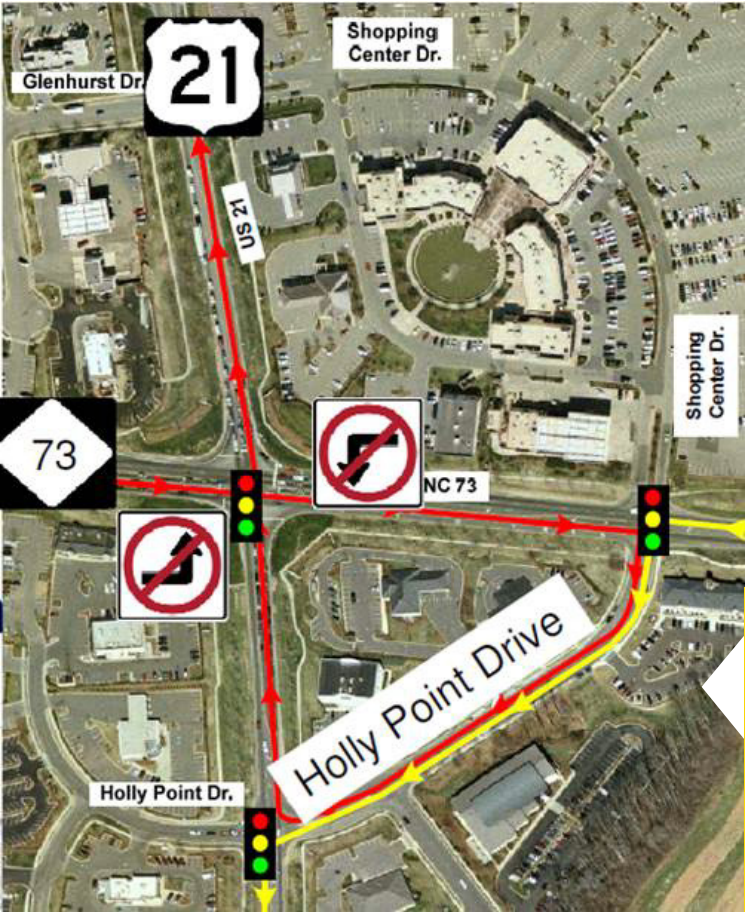
This meeting is being conducted in an informal, open house format. Participants are encouraged to review area maps and to discuss any questions or concerns with members of the project team. You are also encouraged to provide written comments.

NEED FOR THE PROJECT

In the year 2013, approximately 63,000 vehicles per day passed through the Eastwood Road/Military Cutoff Road intersection. By the year 2035, it is expected that over 100,000 vehicles per day will use this intersection.

The picture below shows how many lanes would be required to accommodate future traffic volumes if this intersection was left as a typical signalized intersection.

This project is considering alternatives to a signalized intersection in an effort to reduce congestion and improve the operation of the intersection while limiting the effect of the project on surrounding development.



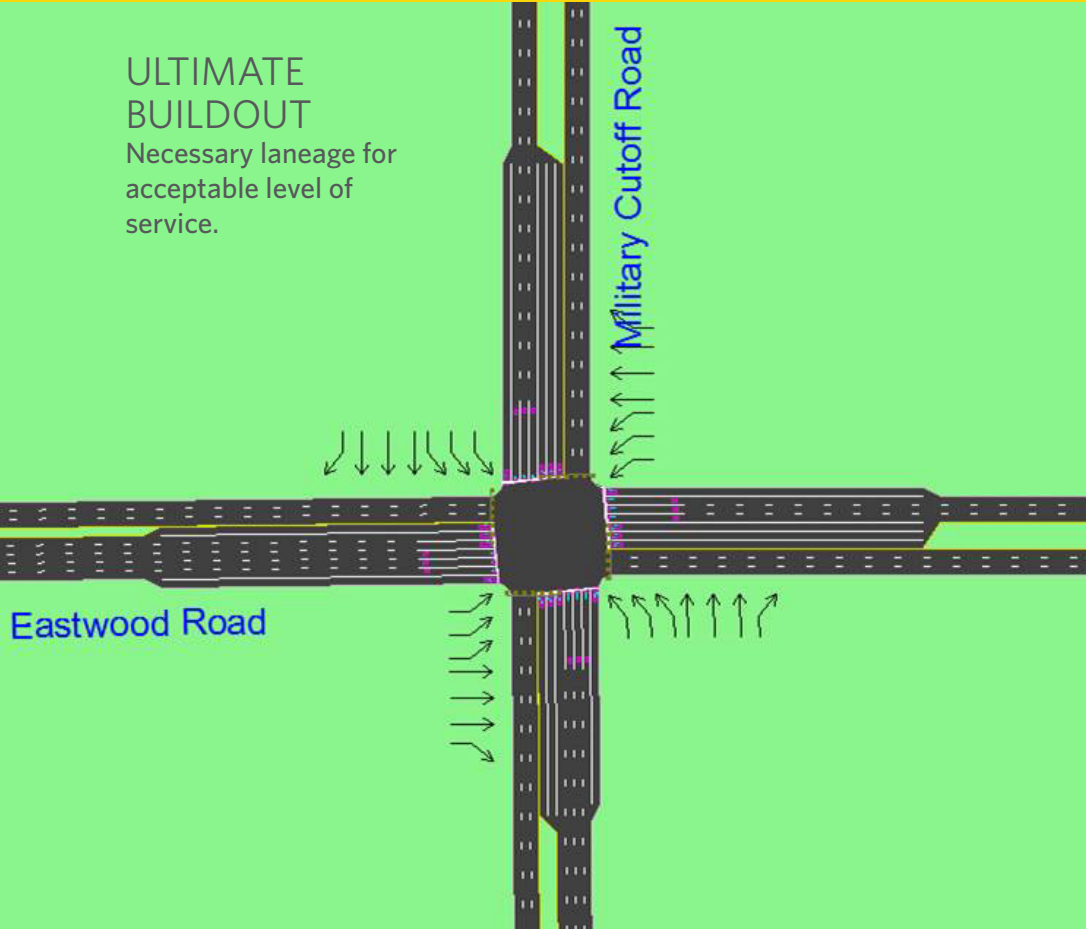
CONCEPTUAL ALTERNATIVES BEING CONSIDERED:

- No Build
- Quadrant Intersection
- Single-Point Urban Interchange (SPUI)
- Echelon Interchange
- Other “Outside the Box” Alternatives

Quadrant Intersection: This example is from Huntersville, NC. A quadrant intersection removes left turns from the main intersection. Traffic wishing to turn left would instead utilize a roadway connecting the two main streets. Removing left turns from the main intersection would improve the efficiency of the intersection.

ULTIMATE BUILDOUT

Necessary laneage for acceptable level of service.



PROJECT PURPOSE

The purpose of the proposed project is to improve the traffic carrying capacity and operation of the Intersection of US 74-76 (Eastwood Road) with US 76/SR 1409 (Military Cutoff Road).



SPUI: This example is from Mt. Pleasant, SC. A single-point urban interchange separates the through movements of the main street. Ramps will accommodate turning traffic. With the ramps placed very close to the bridge as shown in the example, a single-point urban interchange can be built without taking up much more land than a conventional intersection.

TRAFFIC DATA (Vehicles Per Day):

- Military Cutoff Road 2013 AADT = **41,000**
- Military Cutoff Road 2035 Forecast AADT = **64,400**
- Eastwood Road 2013 AADT = **22,000**
- Eastwood Road 2035 Forecast AADT = **39,300**

DESIGN CONSIDERATIONS:

- Pedestrian & Bicycle Movements
- Future Greenway Connections
- Left or Right Shifts, Over/Under Studies
- Transit Stops and Movements
- Signalization and Adaptive Signals
- Access to Adjacent Properties



Echelon Interchange: This is a computer generated image of an echelon interchange. An echelon interchange places one direction of each of the roads on a bridge, resulting in two signalized intersections. These two signalized intersections can operate very efficiently. Only one such interchange currently exists, in Aventura, FL.