



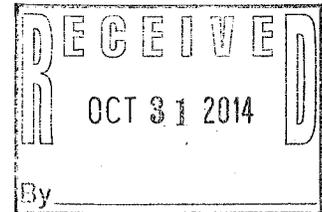
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

October 28, 2014

A. Morton Thomas and Associates
Attn: Jonathan Cate, PE, PTOE
8412 Falls of Neuse Road, Suite 202
Raleigh, NC 27615



**SUBJECT: Traffic Impact Analysis Review – Durham County
NC Highway 54 Residential Development**

Dear Mr. Cate:

The Department has reviewed the Traffic Impact Analysis for the Highway 54 Residential development prepared by A. Morton Thomas and Associates, Inc. in September 2014. In order to accommodate the site-generated traffic safely and efficiently, while also attempting to protect the functional integrity and operational capacity of the adjacent roadway facilities, the below noted improvements and/or restrictions are required of this development.

NC 54 and Site Driveway #1 (Temporary Right in/ Right out)

- Site Driveway #1 shall be a temporary access point with one ingress and one egress lane.
- Site Driveway #1 shall be removed upon establishment of a cross-access connection from the NC 54 Residential Development to the adjacent parcel to the east or west.
- An exclusive westbound right-turn lane shall be constructed with a minimum of 100 feet of full storage plus appropriate tapers on NC 54 at Site Driveway #1.

NC 54 and Site Driveway #2

- Site Driveway #2 shall allow full access movement and be constructed with one ingress and one egress lane and 100 feet of Internal Protective Storage.
- An exclusive westbound right-turn lane shall be constructed with a minimum of 100 feet of full storage plus appropriate tapers on NC 54 at Site Driveway #2.
- An exclusive eastbound left-turn lane shall be constructed with a minimum of 100 feet of storage plus appropriate tapers on NC 54 at Site Drive #2.
- A two way left turn lane shall be constructed between the site access for Meadows at Southpoint and/or Maddry Residential to the west and Site Driveway #2.

If you have any questions or need additional information, please feel free to contact me at 919-220-4750.

Sincerely,
Mike Goodwin
Mike Goodwin
Assistant District Engineer

cc: Joey Hopkins, PE, Division Engineer
Doumit Ishak, Congestion Management Regional Engineer
Wesley Parham, P.E., City of Durham
File