



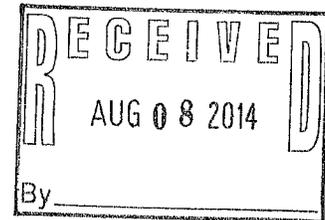
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

August 5, 2014

COUNTY: Durham
SUBJECT: Traffic Impact Analysis Review
Sheetz Autopark Center – NC 751



Davenport
Attention: Dionne C. Brown, PE
9001 Glenwood Avenue
Raleigh, NC 27617

Dear Ms. Brown:

The Department has reviewed the Traffic Impact Analysis for Sheetz Autopark Center prepared by Davenport (Sealed and dated 6/6/2014). 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 751 at Southpoint Autopark Boulevard/Site Driveway #1

- Construct an exclusive southbound right-turn lane with a minimum of 150 feet of full storage and appropriate tapers on NC 751 at Site Driveway #1.
- Site Driveway #1 shall allow full access movement and consist of a four-lane cross-section (one ingress and three egress lanes). The egress lanes shall consist of an exclusive right-turn lane, exclusive left turn lane and an exclusive thru lane.
- Site Driveway #1 shall have a minimum of 150 feet of Internal Protective Storage before parking and/or crossing maneuvers occur.
- Extend the northbound left-turn lane on NC 751 to provide a minimum of 200 feet of full storage and appropriate taper.
- Southpoint Autopark Boulevard egress lanes shall consist of exclusive right-turn lane, exclusive left turn lane and an exclusive thru lane.
- Install signal on eastbound approach. Modify the existing signal(s) to accommodate the revised lane configuration.

NC 751 at Site Access 2

- Construct a right in/ right out with 100 feet of Internal Protective Storage.
- Construct an exclusive southbound right-turn lane on NC 751 with adequate storage and appropriate taper.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Goodwin". The signature is written in a cursive, slightly slanted style.

Mike Goodwin
Assistant District Engineer

Cc: J.W. Bowman, PE, Division Engineer
Doumit Ishak, Congestion Management Regional Engineer
Wesley Parham, PE, City of Durham
File