



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

NICHOLAS J. TENNYSON  
SECRETARY

August 24, 2015

VHB Engineering NC  
4000 Westchase Boulevard, Suite 530  
Raleigh, NC 27607

**Subject:** Triangle Business Park (Lot 4) - Traffic Impact Analysis Review

Dear Mr. Overcash:

The Department has reviewed the Traffic Impact Analysis for the subject development prepared in June of 2015 and will require the below noted improvements and/or restrictions for the project.

**T. W. Alexander Drive and Stirrup Creek Drive**

- Provide a signal warrant analysis for review and approval by the Regional Traffic Engineer and Division Traffic Engineer. If the intersection meets warrants then install a signal if not warranted/approved then other enhancements may be necessary.

**Stirrup Creek Drive and Site Access #1**

- Site Access #1 shall allow full access movement and consist of a three-lane cross-section (one ingress lane and two egress lanes). The egress lanes shall consist of an exclusive left-turn lane and a shared through/right-turn lane.
- Site Access #1 shall have a minimum of 100 feet of Internal Protective Storage before a parking and/or crossing maneuver occurs.

**Stirrup Creek Drive and Site Access #2**

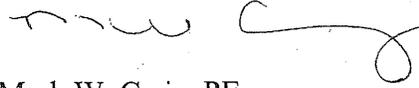
- Site Access #2 shall allow full access movement and consist of a three-lane cross-section (one ingress lane and two egress lanes). The egress lanes shall consist of an exclusive left-turn lane and a shared through/right-turn lane.
- Site Access #2 shall have a minimum of 100 feet of Internal Protective Storage before a parking and/or crossing maneuver occurs.

**Stirrup Creek Drive and Site Access #3**

- Site Access #3 shall allow full access movement and consist of a three-lane cross-section (one ingress lane and two egress lanes). The egress lanes shall consist of an exclusive left-turn lane and a shared through/right-turn lane.
- Site Access #3 shall have a minimum of 100 feet of Internal Protective Storage before a parking and/or crossing maneuver occurs.

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, appearing to read 'Mark W. Craig', with a stylized flourish at the end.

Mark W. Craig, PE  
District Engineer

cc: Clarence Bunting, PE, Congestion Management  
Bill Judge, PE, City of Durham