



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

June 16, 2022

# Hills at Harris Creek

## Traffic Impact Analysis Review Report Congestion Management Section

TIA Project: SC-2022-187  
Division: 5  
County: Wake



**Doumit Y. Ishak, Regional Engineer**  
**Clarence B. Bunting, IV, P.E. Project Engineer**  
**Braden M. Walker, P.E. Project Design Engineer**

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION MOBILITY & SAFETY DIVISION  
1561 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1561

*Telephone:* (919) 814-5000  
*Fax:* (919) 771-2745  
*Customer Service:* 1-877-368-4968

*Location:*  
750 N. GREENFIELD PARKWAY  
GARNER, NC 27529

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

## Hills at Harris Creek

SC-2022-187

Rolesville

Wake County

Per your request, the Congestion Management Section (CMS) of the Transportation Mobility and Safety Division has completed a review of the subject site. The comments and recommendations contained in this review are based on data for background conditions presented in the Traffic Impact Analysis (TIA) and are subject to the approval of the local District Engineer's Office and appropriate local authorities.

Date Initially Received by CMS	05/19/22	Date of Site Plan	11/17/21
Date of Complete Information	05/19/22	Date of Sealed TIA	05/19/22

### Proposed Development

The TIA assumes the development is to be completed by 2027 and consist of the following:

Land Use	Land Use Code	Size
Single Family Detached Housing	210	211 d.u.
Multi-Family Housing (Low-Rise)	220	109 d.u.
Retail (<40,000 sq.ft.)	822	25,400 sq.ft.

### Trip Generation - Unadjusted Volumes During a Typical Weekday

	IN	OUT	TOTAL
AM Peak Hour	84	173	257
PM Peak Hour	243	175	418
Daily Trips			4,080

### General Reference

For reference to various documents applicable to this review please reference the following link: <https://connect.ncdot.gov/resources/safety/Pages/Congestion-Management.aspx> Once the driveway permit has been approved and issued, a copy of the final driveway permit requirements should be forwarded to this office. If we can provide further assistance, please contact the Congestion Management Section.

### Signalization

We defer to the District Engineer, the Division Traffic Engineer, and the Regional Traffic Engineer for final decisions regarding signalization.

# Hills at Harris Creek Rolesville, Wake County SC-2022-186



- Existing Laneage
- Recommended Laneage
- Laneage Built By Others
- NCDOT Recommendation
- Existing Signal
- Signal Proposed By Others
- Developer Proposed Signal
- Monitor for Signal
- XXX Storage
- XXX NCDOT Recommended Storage
- <XXX> Distance Between Intersections
- IPS Internal Protected Stem
- All Distances in Feet
- Drawing Not to Scale

