



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

Roy Cooper
Governor

J. Eric Boyette
Secretary

August 4, 2023

Hills at Harris Creek

Traffic Impact Analysis Review Report Congestion Management Section

TIA Project: SC-2022-187R1
Division: 5
County: Wake



Nicholas C. Lineberger, P.E. Regional Engineer
Charles V. Sorrell, Project Engineer
Daniel W. Collins, Project Design Engineer

Hills at Harris Creek

SC-2022-187R1

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	07/07/23	Date of Site Plan	06/02/23
Date of Complete Information	07/07/23	Date of Sealed TIA	06/23/23

Proposed Development

The TIA assumes the development is completed by 2027 and consists of the following:

Land Use	Land Use Code	Size
Single-Family Detached Housing	210	155 d.u.
Multifamily Housing (Low-Rise)	220	115 d.u.
Day Care Center	565	12,000 sq.ft.

Trip Generation - Unadjusted Volumes During a Typical Weekday

	IN	OUT	TOTAL
AM Peak Hour	112	190	302
PM Peak Hour	202	151	353
Daily Trips			2,894

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.

Operations at Site Access

If operational issues develop at the site driveways, adjustments to access at the site driveways should be considered.

Signalization

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

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- 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

