



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

August 26, 2022

Tom's Creek Development

Traffic Impact Analysis Review Report Congestion Management Section

TIA Project: SC-2022-270
Division: 5
County: Wake



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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	07/29/22	Date of Site Plan	03/31/22
Date of Complete Information	08/12/22	Date of Sealed TIA	07/28/22

Proposed Development

The TIA assumes the development is completed by 2029 and consists of the following:

Land Use	Land Use Code	Size
Single Family Detached Housing	210	606 d.u

Trip Generation - Unadjusted Volumes During a Typical Weekday

	IN	OUT	TOTAL
AM Peak Hour	100	284	384
PM Peak Hour	340	200	540
Daily Trips			5,294

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.

Improvements By Others

The analysis includes background improvements by others. If these improvements are not in place at the time of construction, the site should provide these improvements or analysis demonstrating mitigation is not necessary.

Signalization

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

Phased Background Traffic

Please note that background analysis for each phase includes the site traffic from previously developed phases. Additional analysis files were submitted.

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-  Existing Laneage
-  Recommended Laneage
-  Laneage Built By Others
-  NCDOT Recommendation
-  Existing Signal
-  Signal Proposed By Others
-  Monitor For Signal
- XXX Storage
- XXX NCDOT Recommended Storage
- <XXX> Distance Between Intersections
- IPS Internal Protected Stem
- Improvement by Others
- Initial Build
- Intermediate Build
- Full Build
- All Distances in Feet
- Drawing Not to Scale

