



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

Roy Cooper
Governor

J. Eric Boyette
Secretary

June 5, 2023

Harris Creek Farm Development

Traffic Impact Analysis Review Report Congestion Management Section

TIA Project: SC-2023-115
Division: 5
County: Wake



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

Harris Creek Farm Development

SC-2023-115

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	05/08/23	Date of Site Plan	09/30/22
Date of Complete Information	05/08/23	Date of Sealed TIA	05/08/23

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	68 d.u.
Single-Family Attached Housing	215	81 d.u.

Trip Generation - Unadjusted Volumes During a Typical Weekday

	IN	OUT	TOTAL
AM Peak Hour	22	66	88
PM Peak Hour	70	44	114
Daily Trips			1,276

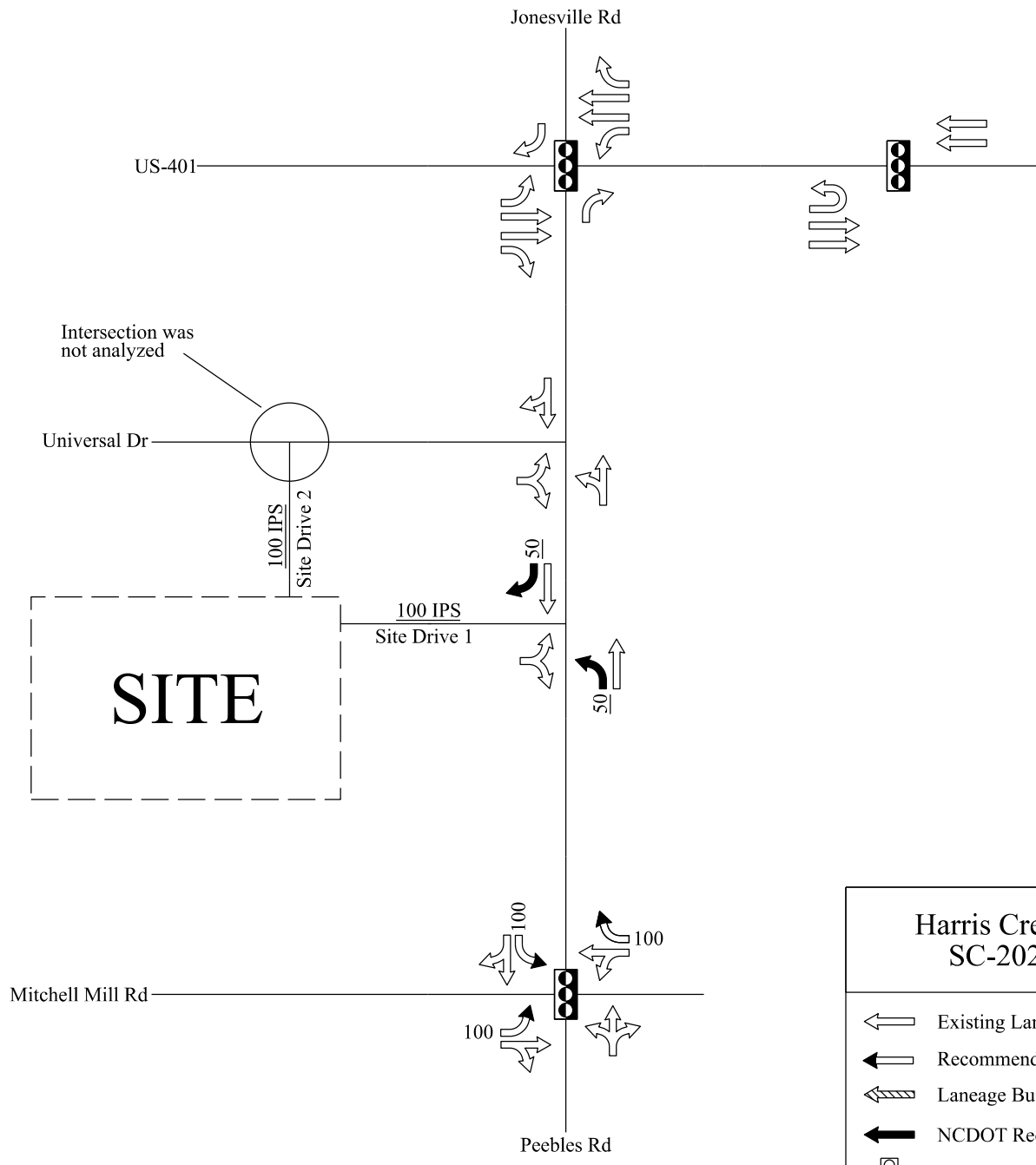
General Reference

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.



Harris Creek Farm SC-2023-115

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