



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

December 10, 2024

Old Bunn Road Subdivision

Traffic Impact Analysis Review Report

Congestion Management Section

TIA Project: SC-2024-220
Division: 5
County: Wake



Clarence B. Bunting, P.E. Regional Engineer
Trevor S. Darnell, Project Design Engineer

Old Bunn Road Subdivision

SC-2024-220

Zebulon

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	11/07/24	Date of Site Plan	N/A
Date of Complete Information	11/07/24	Date of Sealed TIA	11/07/24

Proposed Development

The TIA assumes the development is completed by 2028 and consists of the following:

Land Use	Land Use Code	Size
Single-Family Detached Housing	210	357 d.u.
Single-Family Attached Housing	215	260 d.u.

Trip Generation - Unadjusted Volumes During a Typical Weekday

	IN	OUT	TOTAL
AM Peak Hour	91	276	367
PM Peak Hour	297	184	481
Daily Trips			5,185

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>

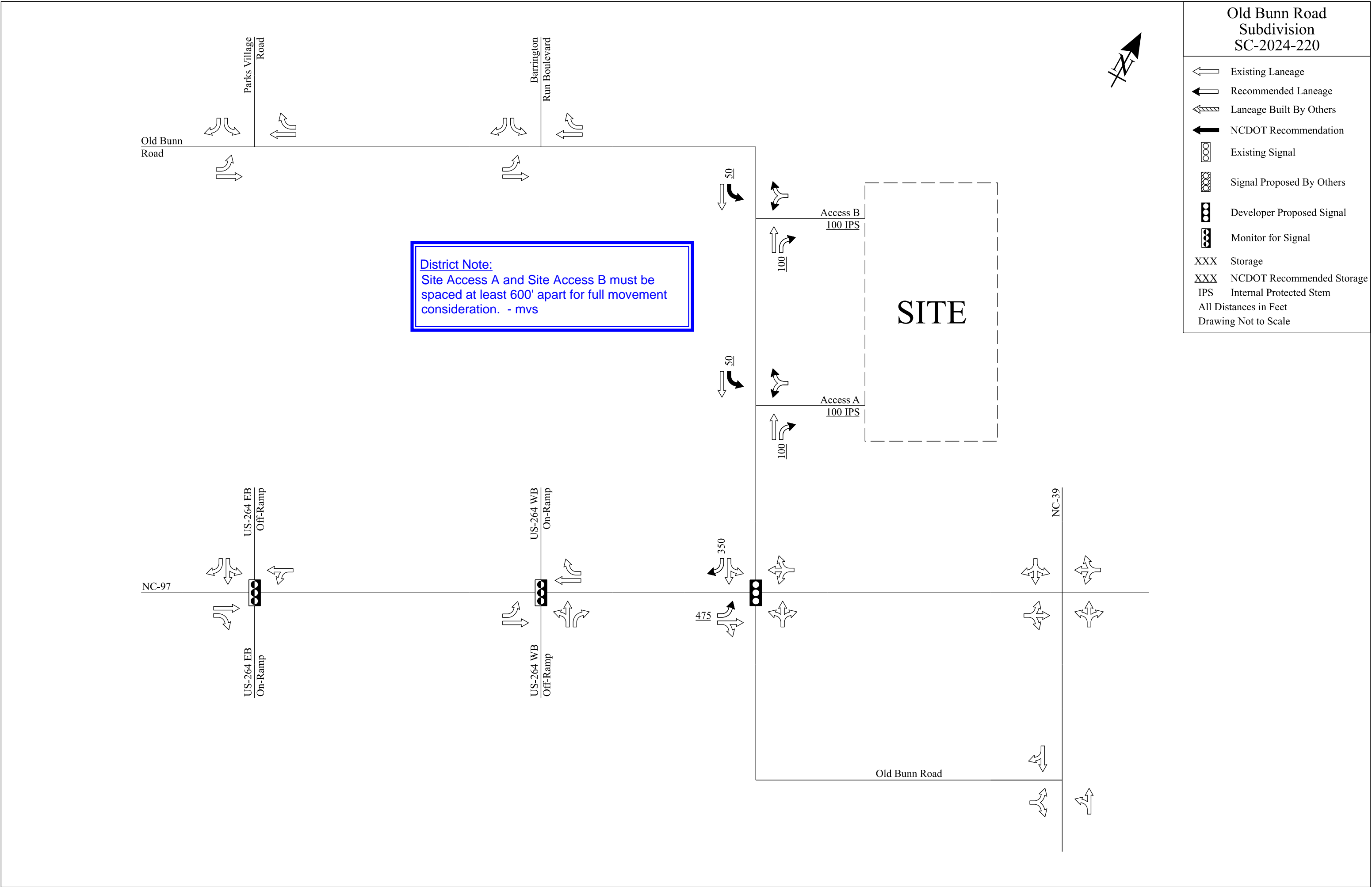
Once the driveway permit has been approved and issued, a copy of the final driveway permit requirements should be forwarded to this office. If we can provide further assistance, please contact the Congestion Management Section.

Access A

The proposed Access A is in close proximity to the NC-97 / Old Bunn Road intersection. If operational issues develop, access may need to be restricted.

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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Subdivision
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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
- IPS Internal Protected Stem
- All Distances in Feet
- Drawing Not to Scale