



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

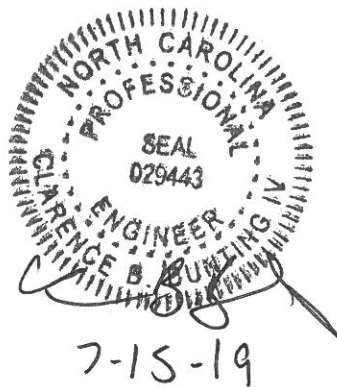
ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

July 15, 2019

Young Street PUD
Traffic Impact Analysis Review Report
Congestion Management Section

TIA Project: SC-2019-075R1
Division: 5
County: Wake



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750 N. GREENFIELD PARKWAY
GARNER, NC 27529

Website: www.ncdot.gov

Young Street PUD

SC-2019-075R1

Wake

July 15, 2019

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	6/24/19	Date of Site Plan	9/28/18
Date of Complete Information	6/24/19	Date of Sealed TIA	6/13/19

Proposed Development

Per the TIA, the proposed development is to be located on Young Street in Rolesville, Wake County. The TIA assumes the development is to be constructed by 2025 and is to consist of the following:

Land Use	Land Use Code	Size
Single Family Detached Housing	210	96 d.u.
Single Family Detached Housing	210	525 d.u.
Multi-Family Housing (Low-Rise)	220	320 d.u.
Shopping Center	820	122,800 s.f.

Trip Generation - Unadjusted Volumes During a Typical Weekday

	IN	OUT	TOTAL
AM Peak Hour	278	530	808
PM Peak Hour	785	611	1,396
Daily Trips			15,076

General Reference

For reference to various documents applicable to this review please reference the following link:
<http://www.ncdot.org/doh/preconstruct/traffic/tepl/Topics/C-37/C-37.html>

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.

TIA Comments

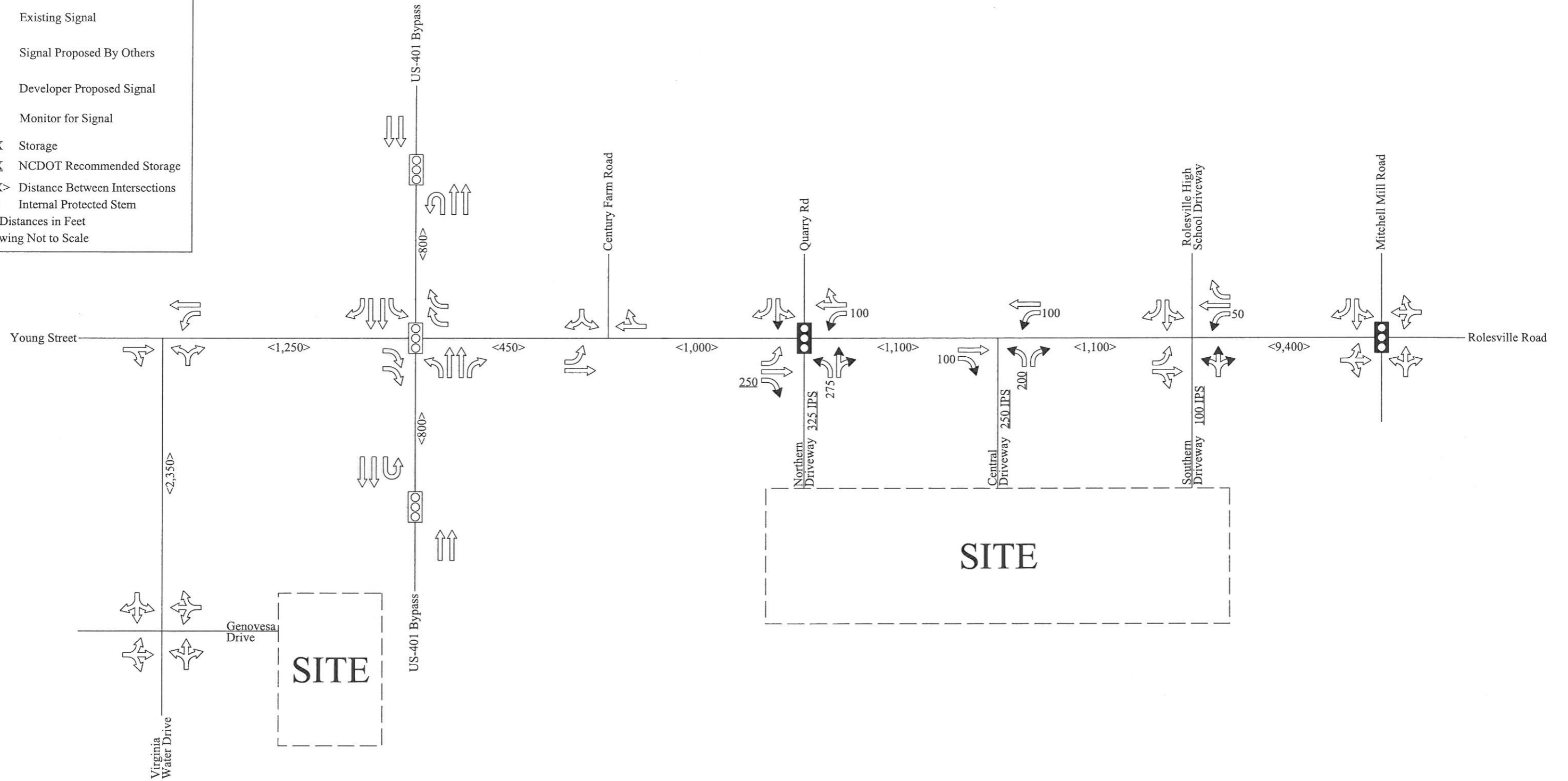
- The TIA uses an incorrect Land Use Code for Single Family Detached Housing
- Congestion Management Guidelines indicate to not allow Right Turn on Red for newly signalized intersections for Synchro Analysis

Young Street PUD
 Rolesville, Wake
 SC-2019-075R1



Residential Build

- 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



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Full Build

