

October 9, 2020

Danny Johnson, AICP
Planning Director
Town of Rolesville
502 Southtown Circle
Rolesville, NC 27571

**Reference: Wait Ave Parcels
Trip Generation Estimate**

Dear Mr. Johnson:

Per the Town of Rolesville Unified Development Ordinance (UDO) section 9.11.2 (A), a Traffic Impact Analysis is required at the time of application of any zoning map amendment (rezoning), special use permit, site plan, and/or preliminary subdivision plat if:

- (1) the proposed development, or phase of development, or contiguous tracts under the same ownership, would accommodate or could be expected to generate 100 or more added vehicle trips to or from the site during the peak traffic hour (based on the proposed development or the adjacent roads and intersections); or
- (2) the proposed development, or phases of development, or contiguous tracts under the same ownership, would accommodate or could be expected to generate 1,000 or more added vehicle trips to or from the site during a 24-hour period (based on the proposed development or the adjacent roads and intersections).

The Wait Ave parcels (Wake County PINs 1850-96-5586 and 1850-96-2688), totaling approximately 12.43 acres, are proposed to be rezoned to the Residential III (R-III) district for development of townhouses. Per UDO Section 6.5, the maximum overall density for an R-III development shall not exceed eight units per acre for townhouse units. Thus, the maximum yield for the site is 99 townhouse units (8 units per acre x 12.43 acres = 99.44 units). Using the Trip Generation Handbook, 9th Edition, published by the Institute of Transportation Engineers (ITE), the estimated trips produced by the Wait Ave parcels based on ITE Code 230 for townhouses are as follows:

AM peak hour = 51
PM peak hour = 70
Daily trips = 638

The expected vehicle trips are below the minimum requirements set forth by the Town of Rolesville UDO, and therefore, no traffic impact analysis is required.

Please let me know if you have any questions or need any additional information.

Sincerely,



Jon D. Frazier, PE, LEED AP
Principal
919.610.1051
ifrazier@flmengineering.com

