

# FLMENGINEERING

March 28, 2022

Michael Elabarger  
Senior Planner  
Town of Rolesville  
P.O. Box 250  
502 Southtown Circle  
Rolesville, NC 27571

**Reference: MA 21-08 Barham Lands (2005 and 2033 Wait Ave)  
Trip Generation Estimate**

Dear Mr. Elabarger:

Per the Town of Rolesville Land Development Ordinance (LDO) section 8.C, a Traffic Impact Analysis (TIA) is required prior to approval of any zoning map amendment (rezoning), special use permit, site plan and/or preliminary plat that exceeds the following thresholds in one (1) or more development applications submitted for a parcel or parcels under common ownership:


1. The proposed development, or phases of development, or contiguous tracts under the same ownership, would accommodate or could be expected to generate one-hundred (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 one-thousand (1,000) or more added vehicle trips to or from the site during a twenty-four (24) hour period (based on the proposed development or the adjacent roads and intersections).

The Barham Land parcels (Wake County PINs 1850-96-5586 and 1850-96-2688), totaling approximately 12.43 acres, are proposed to be rezoned to the Residential High Density (RH) district for development of single-family attached dwellings. Per the sketch plan provided with the map amendment application, 52 single-family attached units are proposed. Using the Trip Generation Handbook, published by the Institute of Transportation Engineers (ITE), the estimated trips produced by the Barham Land parcels based on ITE Code 230 for townhouses are as follows:

*AM peak hour = 30  
PM peak hour = 54  
Daily trips = 365*

The expected vehicle trips are below the minimum requirements set forth by the Town of Rolesville LDO, 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  
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