



Greg Africa, Director

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October 9, 2020

Ms. Jackie L. Chandler
Traffic Concepts, Inc.
7525 Connelley Drive, Suite B
Hanover, MD 21076

RE Freshfields Lane Property – Arnold
Traffic Impact Study Scoping Letter

Dear Ms. Chandler:

This letter is in response to your traffic impact study scoping letter dated September 15, 2020 regarding the project located along Freshfields Lane in Arnold (30-40 age-restricted detached homes). The study limits as described in your letter must be revised as listed below.

Intersections:

- College Pkwy and Jones Station Rd (future traffic signal)

Background Developments:

- Include the Dogwood

Terms of study:

- Include the CIP-- Broadneck Trail Phase 3 P504104

Please also note the following conditions that must be addressed in the study, in accordance with, and in addition to, the "Guidelines for Traffic Impact Studies" found in the *Anne Arundel County Design Manual, Chapter 3, Appendix N*:

- All counts are subject to Blue Notice IP-20-16.
- Note that if any changes are made to the site layout resulting in access point changes, the scope of study will need to be revised accordingly.
- In accordance with 17-5-401(a)(2), perform road rating analysis on all road segments, including state roads.
- As required in the County's Guidelines for Traffic Impact Studies, the latest version of the Highway Capacity Manual intersection analysis will be required for any intersection with a total critical volume of 1300 or more.
- Please note that additional comments may follow from MDOT-SHA after further review
- It is the consultant's responsibility to account for all developments under construction, and to include only the remaining build out in the background development analysis
- Include all signalized intersections within the study limits in the intersections to be studied
- The County will generally accept trip generation rates found in the latest edition of the Institute of Transportation Engineers Trip Generation report. This report provides three methods to determine

average trip generation for proposed developments: weighted trip generation rate, a plot of actual trip ends versus an independent variable, and a regression equation. The consultant should determine which method provides the best fit for the type and size of the proposed development in accordance with the county's "Guideline for Traffic Impact Study" in the Design Manual. Questions of interpretation should be directed to this office, which will have the final determination of what method to be used.

- A copy of the scoping letter and this response letter must be included as an Appendix to the Traffic Impact Study when the study is submitted.

Should you have any questions regarding the information in this response letter, please contact me at ipfowl22@aacounty.org.

Sincerely,



Sarah E. Fowler, P.E.
Senior Engineer
Engineering Division
Department of Inspections and Permits
2664 Riva Road
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cc: Raghu Badami, Kirsten Cook, I&P
Lori Allen, Courtney Wilson, OPZ
Nestor Flores, Bo Zhou, DPW
Jonathan Makhoulouf, MDOT SHA
Martha Arzu-McIntosh, Office of Transportation