


Charlotte Department of Transportation

Memorandum

Date: February 2, 2010

To: Tom Drake & Tammie Keplinger
Charlotte-Mecklenburg Planning Department

From: Michael A. Davis, PE 
Development Services Division

Subject: Rezoning Petition 10-023: Located on the west corner of Ardrey Kell Road and Marvin Road

Consistency with Transportation Action Plan (TAP): The two goals of the TAP that most directly affected the staff's review of this petition define the integration of land use and transportation, and the provision of transportation choices.

Goal 1 of the TAP relies on implementation of the Centers, Corridors and Wedges land use strategy. This project site is located in a Wedge. Such areas should include an interconnected network of thoroughfares and local streets. Specific comments are provided below to link proposed changes in land use with improved transportation network.

Goal 2 of the TAP describes various connectivity and design features that are important for motorists, pedestrians and bicyclists. Specific comments are provided below to bring the petition into compliance with best practices for multimodal transportation.

Vehicle Trip Generation

This site could generate approximately 6,700 trips per day as currently zoned. Under the proposed zoning the site could generate approximately 7,000 trips per day based on an additional 18,000 square feet of office compared to the original rezoning (2005-065). This will have a minor impact on the surrounding thoroughfare system.

CDOT requests the following changes to the rezoning plan:

1. The site plan does not clearly identify the additional uses and square footage compared to the previous rezoning. Please provide a table depicting the total use of the current proposal compared to the original rezoning should be added to the site plan.

The following are requirements of the developer that must be satisfied prior to driveway permit approval. We recommend that the petitioner reflect these on the rezoning plan as-appropriate.

1. Adequate sight triangles must be reserved at the existing/proposed street entrance(s). Two 35' x 35' and two 10' x 70' sight triangles are required for the entrance(s) to meet requirements. All proposed trees, berms, walls, fences, and/or identification signs must not interfere with sight distance at the entrance(s). Such items should be identified on the site plan.

2. All proposed commercial driveway connections to a future public street will require a driveway permit to be submitted to CDOT for review and approval.
3. Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.
4. A Right-of-Way Encroachment Agreement is required for the installation of any non-standard item(s) (irrigation systems, decorative concrete pavement, brick pavers, etc.) within a proposed/existing City maintained street right-of-way by a private individual, group, business, or homeowner's/business association. An encroachment agreement must be approved by CDOT prior to the construction/installation of the non-standard item(s). Contact CDOT for additional information concerning cost, submittal, and liability insurance coverage requirements.

If we can be of further assistance, please advise.

c: R. H. Grochoske (via email)
J. Shapard – Review Engineer (via email)
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Rezoning File