



# Charlotte Department of Transportation

## Memorandum

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**Date:** June 2, 2015

**To:** Tammie Keplinger  
Charlotte-Mecklenburg Planning Department

**From:** Michael A. Davis, PE *Mike Davis*  
Development Services Division

**Subject:** Rezoning Petition 15-078: Approximately 5.67 acres located on the northwest corner at the intersection of Ardrey Kell Road and Community House Road.

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CDOT has completed a review of the subject petition in order to ensure consistency with the Transportation Action Plan (TAP). The TAP seeks to ensure that Charlotte's transportation network supports current and future land uses and includes streets that provide safe and comfortable mobility for motorists, pedestrians, bicyclists, and transit users. Based on our review of the petition, we offer the following comments.

### Vehicle Trip Generation

This site could generate approximately 3,400 trips per day as currently zoned. Under the proposed zoning the site could generate approximately 5,100 trips per day.

### CDOT requests the following changes to the rezoning plan:

1. We recommend the petitioner discuss with CMS the possibility of cross-access to Ardrey Kell High School's existing driveway connection to Ardrey Kell Rd. This will eliminate the potential for additional turn conflicts created by an additional driveway on Ardrey Kell Rd and provide additional connectivity and access options for the school.

### 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. According to the City of Charlotte's Driveway Regulations, CDOT has the authority to regulate/approve all private street/driveway and public street connections to the right-of-way of a street under the regulatory jurisdiction of the City of Charlotte.
2. 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.

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3. The proposed driveway connections to Community House Rd. and Ardrey Kell Rd. will require a driveway permits to be submitted to CDOT and the North Carolina Department of Transportation for review and approval. The exact driveway location(s) and type/width of the driveways will be determined by CDOT during the driveway permit process. The locations of the driveways shown on the site plan are subject to change in order to align with driveway(s) on the opposite side of the street and comply with City Driveway Regulations and the City Tree Ordinance.
4. All proposed commercial driveway connections to a future public street will require a driveway permit to be submitted to CDOT for review and approval.
5. Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.
6. 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.

**We recommend the Petitioner work directly with Mr. Brett Canipe with NCDOT regarding any anticipated request.**

1. The developer/petitioner is recommended to meet with NCDOT early in the development process to identify any issues that they may have. Please contact Brett Canipe with NCDOT at 980-523-0002.

If we can be of further assistance, please advise.

K. Hedrick

cc: S. Correll  
Rezoning File