

## Rezoning Transportation Analysis

**Petition Number**     2016-082                                  **Updated**             5/24/2016

**Location**                     Approximately 5.67 acres located on the northwest corner at the intersection of Ardrey Kell Road and Community House Road.

**Staff Resource**             Carlos Alzate                                  [calzate@charlottenc.gov](mailto:calzate@charlottenc.gov)             704.432.0672

CDOT’s Review of this rezoning petition is intended 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.

This document is primarily for communication to Planning Department staff to be used in the overall City staff analysis of the rezoning petition and includes information on trip generation, outstanding site plan concerns, and an overall summary of the case from a transportation perspective.

Based on our review of the petition, we offer the following information for your consideration.

### Transportation Summary

This site is bordered by a minor thoroughfare and a major thoroughfare near a signalized intersection. CDOT has not identified any negative impacts to the transportation facilities in the area. The site plan as presented complies with CDOT transportation goals to preserve right of way and improve sidewalks.

### Trip Generation

Existing Zoning			
Scenario	Land Use	Intensity	Trip Generation (Vehicle trips/day)
Existing Use	Vacant	N/A	0
Entitlement	Single Family (R-3) or	17	210
	Community College Building	123.5k sf	3400

Proposed Zoning			
Site Plan Date	Land Use	Intensity	Trip Generation (Vehicle trips/day)
3/28/2016	Indoor Storage	135k sf	340
5/23/2016	No Change	-	-

## **Resolved Issues**

1. CDOT requests the petitioner extend the proposed 8 foot planting strip and 6 foot sidewalk along the whole frontage of the property on the Ardrey Kell Rd side.

## **Outstanding Issues**

None

## **Advisory Information**

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. The setback for this district is measured from the back of the existing or future curbline as determined by CDOT and Planning during the permitting process.
2. 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.
3. Adequate sight triangles must be reserved at the existing/proposed street entrance(s). Two 35' x 35' 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.
4. The proposed driveway connection(s) to Central Ave. will require a driveway permit(s) 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 driveway(s) will be determined by CDOT during the driveway permit process. The locations of the driveway(s) 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.
5. All proposed commercial driveway connections to a future public street will require a driveway permit to be submitted to CDOT for review and approval.
6. Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.
7. 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.