



Charlotte Department of Transportation

Memorandum

Date: April 27, 2015

To: Tammie Keplinger
Charlotte-Mecklenburg Planning Department

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

Subject: Rezoning Petition 15-066: Approximately 19.2 acres located on Arrowood Road alongside I-485

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

CDOT cannot determine the generated trips under the existing or the proposed zoning for this portion of this site. CDOT requests that the petitioner submit summary table that provides the trip generation for the existing phase of the Moody Lakes development, and for the proposed land-use program.

CDOT request that the petitioner provide a Transportation Technical Memorandum (TTM) to for the proposed development. CDOT and members of the Planning staff met with the petitioner on 4/23/15 to discuss the scope of the TTM. We may have additional comments on the petitioner after we've reviewed the TTM.

CDOT requests the following changes to the rezoning plan:

1. CDOT requests that the petitioner extend the proposed public street to the southern property line. In addition, we request the proposed street be designed to the Local Commercial Wide typical section (CLDSM U-05)
2. CDOT recommends that the petitioner design the proposed roundabout to the NCHRP 672 roundabout standards.

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.

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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.
3. The proposed driveway connection(s) to West Arrowood Rd. 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.
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.

If we can be of further assistance, please advise.

K. Hedrick

cc: S. Correll
Rezoning File