


Charlotte Department of Transportation

Memorandum

Date: July 1, 2009

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

From: Michael A. Davis, PE 
Development Services Division

Subject: Rezoning Petition 09-062: Located on the east side of Union School Road near the intersection of Stowe Lane and Union School 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 Corridor. Such areas should include a dense and interconnected street network. 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 100 trips per day as currently zoned. Under the proposed zoning the site could generate approximately 1,600 trips per day. To estimate trip generation for the proposed facility CDOT estimated forty thousand square feet of warehousing, twenty thousand square feet of specialty retail, and twenty-six thousand square feet of office. This will have a minor impact on the surrounding thoroughfare system.

Since access is proposed to an NCDOT-maintained roadway, they may have additional or different requirements for their approval than what is identified in this rezoning process. The developer/petitioner is recommended to meet with NCDOT early in the development process to identify any issues that they may have.

We have the following comments regarding apparent conflicts between the proposed rezoning and existing ordinances or policies:

1. Per Charlotte Zoning Ordinance Table 12.206 "the space between the required setback, side yard, or rear yard abutting a street may not be used as maneuvering space for

parking/unparking of vehicles.” The proposed site plan shows paving in the setback along Stowe Lane.

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. Two 35' x 35' and two 10' x 70' sight triangles are required for the entrance to meet requirements. All proposed trees, berms, walls, fences, and/or identification signs must not interfere with sight distance at the entrance. Such items should be identified on the site plan.
2. The proposed driveway connection to Stowe Lane will require a driveway permit to be submitted to CDOT and the North Carolina Department of Transportation for review and approval. The exact driveway location and type/width of the driveway will be determined by CDOT during the driveway permit process. The locations of the driveway shown on the site plan are subject to change in order to align with driveway on the opposite side of the street and comply with City Driveway Regulations and the City Tree Ordinance.
3. 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)
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Rezoning File