



Charlotte Department of Transportation

Memorandum

Date: December 19, 2007

To: Keith MacVean
Charlotte-Mecklenburg Planning Department

From: 
Scott L. Putnam
Development Services Division

Subject: Rezoning Petition 08-026: Located on the south side of South Bruns Avenue, between Mahopac Street and Katonah Avenue

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 the Centers, Corridors and Wedges land use strategy to be implemented. This project site is located in a Wedge and appears to support the Centers, Corridors and Wedges land use strategy.
- Goal 2 of the TAP describes various connectivity and design features that are important for motorists, pedestrians and bicyclists. Specific comments are identified below that need to be addressed for CDOT's support of the petition and to bring the site plan into compliance with the TAP and best practices for multimodal transportation.

Vehicle Trip Generation

This site could generate approximately 170 trips per day as currently zoned. Under the proposed zoning the site could generate approximately 160 trips per day. This will have a minor impact on the surrounding thoroughfare system.

We have the following specific comments that are critical to CDOT's support of the rezoning petition:

1. The driveway closest to the "Deborah A. Wilmer" property, parcel number 071-074-47, needs to be eliminated. It is less than 10 feet from the property line and the remaining two driveways are adequate to provide reasonable access. The dwelling units can be reoriented to provide townhomes parallel to Bruns Avenue with a 20-foot driveway providing rear loading.
2. The site plan needs to provide a bicycle and pedestrian connection from Burns Avenue along the west property line to the Charlotte Board of Education property towards the south.

3. The length of each dwelling unit driveway needs to be a minimum of 20 feet to provide adequate vehicle storage without encroaching into the 20-foot wide driveway. The storage length needs to be dimensioned on the conditional site plan.
4. The right-of-way and street width of Bruns Avenue needs to be dimensioned on the site plan to determine whether minimum requirements are met.
5. To help avoid confusion and to follow standard practice, the north arrow needs to point to the top of the sheet and site layout revised accordingly.

We have the following general comments that are provided to aid the petitioner in planning and subsequent permitting phases:

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.

All proposed commercial driveway connections on Bruns Avenue will require a driveway permit to be submitted to CDOT 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.

Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.

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.

To facilitate building permit/driveway permit review and approval, the site plan must be revised to include the following:

- Dimension width of the existing and proposed driveways.
- New/reconstructed driveways must be drop curb ramp Type II-Modified driveways.

Keith MacVean
December 19, 2007
Page 3 of 3

- Indicate the locations and widths of all adjacent and opposing driveways.
- Indicate typical parking module dimensions.

If we can be of further assistance, please advise.

SLP

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Rezoning File