

# Charlotte Department of Transportation

## Memorandum

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**Date:** August 22, 2007

**To:** Keith MacVean  
Charlotte-Mecklenburg Planning Department

**From:** Scott L. Putnam   
Development Services Division

**Subject:** Rezoning Petition 07-129: Located on the southwest side corner of  
Auten Street and Duckworth Avenue

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**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. However, it is also located within ¼ mile of the proposed W. Trade Street streetcar line; when viewed in that context, this petition would support the Centers, Corridors, and Wedges 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 40 trips per day as currently zoned. Under the proposed zoning the site could generate approximately 180 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. This petition needs to be converted to a conditional petition.
2. Duckworth Avenue is a street with an existing substandard width, even for a local street. We recommend that this street be upgraded to a "Residential Wide" street as identified in the proposed Urban Street Design Guidelines (USDG). This will allow for on-street parking and better circulation.  
(TAP best practice)

3. Auten Street should be designed to a Residential Medium street cross-section. (TAP best practice, proposed USDG)
4. There is a proposed streetcar station located on Trade Street within ¼ mile of this site. In keeping with the TAP and transit station principles, 8-foot planting strips and 8-foot sidewalks need to be constructed along all public streets in/abutting the site, and 8-foot planting strips and 5-foot sidewalks need to be constructed along all private streets.

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 10' x 10' 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.

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 any 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.

If we can be of further assistance, please advise.

SLP

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Rezoning File (2)