

Rezoning Transportation Analysis

Petition Number: 2018-021

General Location Identifier: 09309201

From: CDOT Land Development Section

Reviewer:

Joe Mangum

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704-336-2098

Revision Log:

Date	Description
03-07-18	First Review

General Review Information

The site is at the unsignalized intersection of The Plaza (major thoroughfare) and Shamrock Dr (major collector) and is located in a wedge inside Route 4. Bus stops for CATS route 4 are approximately 1/10 of a mile to the south. The property was previously rezoned – petition 2008-028.

CDOT's review of this rezoning petition is intended to ensure consistency with the Transportation Action Plan (TAP) which seeks to ensure that the City'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 as part of the overall City staff analysis of the rezoning petition and includes an overall summary of the case from a transportation perspective, information on trip generation, and resolved or outstanding site plan concerns. Additional advisory information about the driveway permit process is provided for information only.

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

Transportation Summary

This site is at the intersection of a major thoroughfare and major collector. Rezoning petition 2008-028 identified significant improvements to be made along both streets including 8' planting strip, 5' sidewalk, and new Type II driveways. CDOT does not support the current conventional rezoning petition because there is no site plan committing to the streetscape improvements in the previous rezoning. These improvements are important to improve pedestrian mobility as well as the safety of all modes of transportation at the subject property.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Tire Store	2,060 sf	50	Tax Record
Entitlement with Current Zoning	Automobile Care Center	3,070 sf	70	RZ 2008-028
Proposed Zoning	Retail (0.37 acres of B-1)	3,700 sf	800	General Guidance from Planning

Outstanding Issues

~~Strikeout~~ = Not an outstanding issue

1. **Traffic Study** A Traffic Impact Study/Transportation Technical Memorandum is not necessary for the complete review of this petition.

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2. The petitioner should provide a site plan and conditional notes including an 8' planting strip and 6' sidewalk along both street frontages. Type II modified driveways should be shown in the locations identified in the site plan for Rezoning Petition 2008-028.
3. The petitioner should revise the site plan to add a note specifying dedication and fee simple conveyance of all rights of way to the City before the site's first building certificate of occupancy is issued. CDOT requests right of way set at 2' behind back of sidewalk where feasible.
4. The petitioner should revise the site plan to add a note specifying all transportation improvements will be approved and constructed before the site's first building certificate of occupancy is issued. The petitioner may phase transportation improvements if said improvements and phasing are explicitly described in site plan notes.

5. Resolved Sample format for comment that is resolved

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. 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.
2. Adequate sight triangles must be reserved at the existing/proposed street entrance(s). Two 35' x 35' sight triangles (and two 10' x 70' sight triangles on North Carolina Department of Transportation on NCDOT maintained streets) 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 public streets will require a driveway permit(s) to be submitted to CDOT (and the North Carolina Department of Transportation on NCDOT maintained streets) 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.