

Rezoning Transportation Analysis

Petition Number: 2018-147

General Location Identifier: 02936111

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Revision Log:	Date	Description
	12-20-2018	First Review
	02-12-2019	Second Review

General Review Information

The site is on Mallard Creek Road (major thoroughfare) and is located in a wedge outside Route 4. The site is within the limits of the Prosperity Hucks Area Plan.

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

The site plan commits to dedication of the future right-of-way for Mallard Creek Road widening project. In addition, the site plan commits to locating the curb and gutter at the future location and installing a 12-foot multi-use path along Mallard Creek Road.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Single Family	1 dwelling	10	Tax Record
Entitlement with Current Zoning	Single Family (3.31 acres of R-3)	9 dwellings	90	General Guidance from Planning
Proposed Zoning	Senior Apartments	90 dwellings	310	Site Plan: 11-20-18

Outstanding Issues

Strikeout = Not an outstanding issue

- ~~**Curbline** The proposed zoning district has a setback measured from back of the existing or proposed future curbline. The location of the future back of curb will be determined by NCDOT's TIP project # U-6028, please coordinate and verify future back of curb location with Mr. Travis Preslar, NCDOT Project Manager. CDOT was recently informed by NCDOT Mallard Creek Rd.'s typical section could be increased from a 4-lane divided to a 6-lane divided facility. This would affect the site's building setback line, due to an approximated 50' future back of curb location as measured from the Mallard Creek's~~

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~~existing centerline. The revised site plan should show, label, and dimension the future back of curb from the centerline.~~

- ~~2. **Traffic Study** A Traffic Impact Study/Transportation Technical Memorandum is not necessary for the complete review of this petition.~~
- ~~3. The petitioner should revise the site plan and Conditional Note III.b to state all transportation and streetscape improvements, including the costs of the 12' multi-use path (MUP) as noted on the revised site will be implemented prior to the site's first building CO. The revised site plans should label and dimension the MUP.~~
- ~~4. The petitioner should revise the site plan and conditional note(s) stating it commits to dedicating all the necessary right-of-way for NCDOT project #: U-6028. The revised site plan should label and dimension the right-of-way from the centerline.~~
- ~~5. 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.~~
- ~~6. 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.~~

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.