

Rezoning Transportation Analysis

Petition Number: 2017-044

General Location Identifier: 157-111-27, 157-111-42

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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 is located along a major collector near an unsignalized intersection with a local street and next to the driveway to a CDOT Operations facility. The current site plan commits to streetscape improvements and the site will generate relatively low amounts of traffic.

General Description

The site is along Craig (major collector) and Litchfield (local). The site is located in a wedge outside of Route 4 within the Eastside Strategy Plan.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant	N/A	0	Tax Records
Entitlement with Current Zoning	Single Family (3.8 acres of R-4)	15 dwellings	190	General Guidance from Planning
Proposed Zoning	Single Family	17 dwellings	210	Site Plan: 01-23-17

Curbline

The proposed zoning district has a setback measured from an existing or proposed future curbline. The location of the future curbline the existing location as depicted on the current site plan.

Outstanding Issues

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1. ~~Resolved~~ The petitioner should revise their site plan to show removing the realigned public street as this is the only entrance the CDOT's Operations Facility. CDOT suggests extending the proposed private street to tie into Craig Ave midblock between Litchfield Rd. and Nancy Rd.
2. 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.**
3. ~~Resolved~~ 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 or phased per the site's development plan.
4. The petitioner should revise their site plan to specify private streets to be constructed as local residential wide (CLSDM U-03A).
5. CDOT discourages gated access. If gate remains, petitioner should revise their site plan to specify that adequate turn around design, as approved by CDOT, will be required during permitting. Potential vehicle backing out of drive onto Craig is not an acceptable condition.

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.

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Revision Log

Date	Description	By
02-22-17	First Review	KMH
03-22-17	Second Review	KMH