

Rezoning Transportation Analysis

Petition Number: 2019-119

General Location Identifier: 08308203, 0830821

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Revision Log:

Date	Description
09-18-19	First Review

General Review Information

The site is on N Alexander Street (local, city maintained) and is in a wedge inside Route 4. The site is within the limits of the 36th Street Transit Station Area Plan.

Active Projects Near the Site:

- XCLT Bike Boulevard
 - This project will improve bike accessibility and safety along a route approximately seven miles in length extending from the Davidson Street / Sugar Creek Road intersection to the Rocky River Road / Rockland Drive intersection.
- Tryon St – 36th St Streetscape Project
 - The project is located along 36th St. from N.Tryon to Davidson St. and will provided infrastructure improvements that include sidewalk, curb and gutter, milling-resurfacing, pedestrian refuge and signals, cross walks, and planting strips.

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 comprises two residential lots on N Alexander Street. There is existing curb and gutter but no sidewalk on the street frontage. The site is within ¼ mile of the 36th Street Blue Line Station and less than ¼ mile from CATS bus stops on N Davidson Street (Route #23) and 36th Street (Routes #3 and #23). CDOT will work with the petitioner during permitting to upgrade the streetscape to current city standards.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Single Family	2 dwellings	20	Tax Record
Entitlement with Current Zoning	Single Family	2 dwellings	20	RZ 2012-080
Proposed Zoning	Single Family	2 dwellings	20	General Guidance

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	(0.29 ac of R-5)			from Planning
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Outstanding Issues

~~Strikeout~~ = Not an outstanding issue

1. **Traffic Study** A Traffic Impact Study is not necessary for the complete review of this petition. If the during the permitting process the site generates more than 2500 daily trips, then a traffic study will be required. The site plan for public hearing needs to include all the TIS requirements.

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.