

Rezoning Transportation Analysis

Petition Number: 2019-069

General Location Identifier: 08308708, 08308707, 08308706

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Revision Log:

Date	Description
06-04-19	First Review

General Review Information

The site is at the unsignalized intersection of E 36th Street (minor thoroughfare, city maintained) and N McDowell Street (local, city maintained). The site is in a corridor inside Route 4 and is within the limits of the 36th Street Transit Station Area Plan and is in close proximity to several CIP projects including the Tryon Street-36th Street Streetscape Project, Cross Charlotte Trail, and XCLT Matheson to Craighead.

City Projects Near the Site:

- Tryon St- 36th
 - This project originated from the North East Corridor Infrastructure Program (NECI) planning effort. The project will provide intersection improvements to enhance safety for pedestrians to include measures such as high visibility crosswalks, shorter.
- Cross Charlotte Trail
 - South Loop: Located near the southern portion of the site (bi-section 36th St and Davidson).
- Philemon Avenue Extension
 - This project is a 0.5-mile long street connection between 36th Street and East Craighead Rd.

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 in a corridor inside Route 4 and is within the limits of the 36th Street Transit Station. The site currently has curb and gutter and back of curb sidewalk along both street frontages. There are bike lanes and on street parking along 36th Street. CDOT will work with the petitioner during permitting to determine driveway locations and to upgrade the streetscape in accordance with city ordinances to support the increased density proposed in the rezoning.

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Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Single Family	3 dwellings	30	Tax Record
Entitlement with Current Zoning	Single Family (0.9 acres of R-5)	4 dwellings	40	General Guidance from Planning
Proposed Zoning	0.9 acres of TOD-NC	Too many uses to determine		General Guidance from Planning

Outstanding Issues

~~Strikeout~~ = Not an outstanding issue

- Traffic Study** A Traffic Impact Study is not necessary for the complete review of this petition.

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.

- The setback for this district is measured from the back of the existing or future curblineline as determined by CDOT and Planning during the permitting process.
- 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.
- 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.
- 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.
- All proposed commercial driveway connections to a future public street will require a driveway permit to be submitted to CDOT for review and approval.
- 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.