

Rezoning Transportation Analysis

Petition Number: 2019-032

General Location Identifier: 02906175

From: Felix Obregon, PE
fobregon@charlottenc.gov
704-432-5729

Reviewer: Isaiah Washington
Isaiah.washington@charlottenc.gov
704-432-6511

Revision Log:

Date	Description
03-19-19	First Review-JM
10-14-19	Second Review-IW

General Review Information

The site is on N Tryon Street (major thoroughfare) near the future traffic signal at Caprington Avenue (local) and is in a corridor outside Route 4.

Active Projects Near the Site:

- None

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 on a major thoroughfare that lacks curb, gutter, and sidewalk. CDOT will work with the petitioner during permitting to implement streetscape improvements in accordance with city standards. Additionally, CDOT will work with the petitioner and Subdivision to design a street network to serve the site.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant	NA	0	Tax Record
Entitlement with Current Zoning	Single Family (14.72 ac of R-3)	44 dwellings	490	General Guidance from Planning
Proposed Zoning	Apartments (14.72 ac of R-17MF)	250 dwellings	1,850	General Guidance from Planning
	Apartments Townhomes	232 dwellings 16 townhomes	1,830	Site Plan: 08-01-19

Rezoning Transportation Analysis

Petition Number: 2019-032

General Location Identifier: 02906175

Outstanding Issues

Strikeout = Not an outstanding issue

1. **Traffic Study** A Traffic Impact Study is not necessary for the complete review of this petition.
2. **New Comment based on 9/23/19:** The petitioner should update the site plan and conditional notes to construct curb and gutter approximately 41' from centerline as in accordance with Chapter 20, in the city ordinance.
3. **New Comment based on 9/23/19:** The petitioner should update the site plan and conditional notes to show an 8' planting strip and an 8' Sidewalk as in accordance with Chapter 20, in the city ordinance
4. **New Comment based on 9/23/19:** The petitioner should update the site plan and conditional notes to have public easement for private street stubbing east/west on the site.
5. **New Comment based on 9/23/19:** The petitioner should update the site plan and conditional notes to show building the East/West required road to a residential medium standard. A residential wide standard should be applied if on street parking is wanted by the petitioner.
6. **New Comment based on 9/23/19:** The petitioner should update the site plan and conditional notes to move East/West street south to better align with existing road west of the site.



Rezoning Transportation Analysis

Petition Number: 2019-032

General Location Identifier: 02906175

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.