

Rezoning Transportation Analysis

Petition Number: 2019-050

General Location Identifier: 19311107

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

Reviewer: Joe Mangum, AICP
jmangum@charlottenc.gov
704-336-2098

Revision Log:

Date	Description
05-15-19	First Review

General Review Information

The site is at the unsignalized intersection of Independence Boulevard (proposed freeway) and Crownpoint Executive Drive (minor thoroughfare). The site is in a corridor outside Route 4 and is within the limits of the Independence Boulevard 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 is at the intersection of Independence Boulevard & Crownpoint Executive Drive. A bus stop with a bench for CATS route 17 is located on Crownpoint Executive Drive. There is existing curb and gutter and approximately 4' planting strip and 4' sidewalk on Crownpoint Executive Drive. NCDOT project U-2509 will widen Independence Boulevard, implement managed lanes, construct an interchange at Sardis Road, and provide additional street connectivity near the site. The project will eliminate access to Crownpoint Executive Drive. The widening CDOT will work with the petitioner during permitting to reserve right-of-way for the Independence Boulevard widening and to implement required streetscape upgrades along both streets.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant building	7,440 sf	0	Petitioner
Entitlement with Current Zoning	Quality Restaurant	7,440 sf	620	Tax Record
Proposed Zoning	Retail (1.45 acres of B-2)	21,750 sf	2,130	General Guidance from Planning

Outstanding Issues

Strikeout = Not an outstanding issue

Rezoning Transportation Analysis

Petition Number: 2019-050

General Location Identifier: 19311107

1. **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.

1. The setback for this district is measured from the back of the existing or future curbline as determined by CDOT and Planning during the permitting process.
2. 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.
3. 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.
4. 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.
5. All proposed commercial driveway connections to a future public street will require a driveway permit to be submitted to CDOT for review and approval.
6. Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.
7. 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.