

Rezoning Transportation Analysis

Petition Number: 2019-123

General Location Identifier: 07325301

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

Reviewer: Carlos Alzate
calzate@charlottenc.gov
704-432-0672

Revision Log:

Date	Description
10-16-19	First Review
11-13-19	Second Review

General Review Information

The site is at the unsignalized intersection of Summit Avenue (local, city maintained) and Bryant Street (local, unmaintained). The site is in a corridor inside Route 4 and is within the limits of the West Morehead Land Use & Pedscape Plan.

Active Projects Near the Site:

- No active projects

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 local roads south of a major thoroughfare and west of Interstate 77. The site plan commits meeting the streetscape identified in the West Morehead Land Use and Pedscape Plan for Bryant Street and South Summit Avenue. The petitioner should coordinate with NCDOT locating and dedicating any additional right-of-way for the I-77 project.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Drinking Place	14,900 sf	460	Tax Record
Entitlement with Current Zoning	Drinking Place	14,900 sf	460	Tax Record
Proposed Zoning	1.99 ac of I-1 PED-O	Too many uses to determine		Site Plan: 11-11-19

Outstanding Issues

~~Strikeout~~ = Not an outstanding issue

1. ~~**Curbline** The proposed zoning district has a setback measured from back of the existing or proposed future curbline.~~

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- a. **Bryant Street:** ~~Back of curb is located 20 feet from centerline of the road as identified in the West Morehead Land Use and Pedscape Plan.~~
- b. **South Summit Avenue:** ~~The existing back of curb is in the correct location.~~

~~The site plan should show the curb and gutter labeled and dimensioned from the centerline for each road.~~

- 2. **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.~~
- 3. The petitioner should coordinate with NCDOT the I-77 widening project (TIP# I-5718A) as this may affect the proposed development. The petitioner should update the site plan by labeling, and dimensioning the future right-of-way needed for the NCDOT project. In addition, the petitioner should also dedicate any additional right-of-way needed for the NCDOT project.
- 4. **Resolved** ~~Sample format for comment that is resolved~~

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.