

Rezoning Transportation Analysis

Petition Number: 2016-104

General Location Identifier: 20318901

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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 along a minor thoroughfare between signalized intersections with minor thoroughfares. Since the site is across from the CPCC Harper Campus, CDOT wants to emphasize the importance of good transportation planning in this area to create block spacing, network connectivity, and crossing locations to accommodate all modes through and across Hebron Street. While the overall entitled trip generation appears to be reduced by this petition, the transportation facility impacts and needs cannot be determined until a site plan is submitted during permitting.

General Description

Arrowood is a three-lane section with bike lanes and back of curb sidewalk and approximately 60' of public right of way. Hebron is a three-lane section with planting strip and sidewalk and approximately 70' of public right of way.

Site is located in the South Corridor outside of Route 4.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant	N/A	0	<i>Petition/ VirtualCharlotte</i>
Entitlement with Current Zoning	Retail (10.6 acres of B-1) Community College (8.1 acres of INST)	95k sf 176.4k sf	11,400	<i>General Guidance from Planning</i>
Proposed Zoning	Community College (10.6 acres of INST) Office (8.1 acres of O-1)	230.9k sf 81k sf	7,500	<i>General Guidance from Planning</i>

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Resolved Issues

N/A

Outstanding Issues

None

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.

Revision Log

Date	Description	By
06-17-16	First Review	KH