

Rezoning Transportation Analysis

Petition Number: 2023-157

General Location Identifier: 12105617, 12105616

-From: Jake Carpenter, PE

Jacob.carpenter@charlottenc.gov

980-221-5675

Reviewer: Natalie King

Natalie.King@charlottenc.gov

980-417-0206

Revision Log:

Date	Description
12-27-23	First Review (NK)

General Review Information

The petition is located adjacent to East Worthington Avenue, a Cit-maintained local street, east of Cleveland Avenue, a City-maintained local street. The petition is located in a south corridor inside of Route 4, within the Center City 2020 Vision Plan.

Active Projects Near the Site:

- N/A

CDOT's review of this rezoning petition is intended to provide consistency with council adopted policies, plans, standards and guidelines including, but not limited to, the [Transportation Action Plan \(TAP\)](#), [Vision Zero](#), [Urban Street Design Guidelines \(USDG\)](#), [Center, Corridor and Wedges](#), [Charlotte BIKES](#), [Traffic Impact Study Guidelines](#) and [Charlotte WALKS](#). With a commitment to design complete streets, this review is 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 adjacent to East Worthington Avenue, a Cit-maintained local street, east of Cleveland Avenue, a City-maintained local street. Density is needed to determine if Comprehensive Transportation Review (CTR) requirements are triggered. Site plan and/or conditional note revisions are needed to commit to dedicating ROW, including 8' planting strip and 8' sidewalk, showing proposed driveways and including standard notes. Further details are listed below.

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Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Retail Office	2,672 SF 1,429 SF	3,650	<i>Tax Record</i>
Entitlement with Current Zoning	Retail (CG, 0.361 acres)	3,610 SF	385	<i>General Guidance from Planning</i>
Proposed Zoning	Need Land Use & Density (NC, 0.361 acres)			<i>Site Plan: 11-22-23</i>

Petitioner to provide responses to the staff comments below as well as specify other changes to the site plan.

Outstanding Issues

Strikethrough = Resolved

1. Curblines:

- a. **East Worthington Avenue:** The future location of curb and gutter is in its existing location.

Required Cross Section is CLDSM U-03A1 Local Residential Wide (8' Sidewalk)

Label and dimension the curb and gutter from the centerline for each road on the site plan.

2. Comprehensive Transportation Review (CTR):

Density needed to determine potential CTR requirements. Additional comments or requirements may arise once land use and density is provided.

- 3. Revise site plan and conditional note(s) to commit to dedicate 33.5' of right-of-way from the road centerline. The site plan shall label and dimension the right-of-way from the road centerline.
- 4. Add a conditional note specifying "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 construction/installation. Contact CDOT for additional information concerning cost, submittal, and liability insurance coverage requirements."
- 5. Revise conditional note under II. Transportation B. The right-of-way, planting strip, and sidewalk along the public frontage of East Worthington Avenue will need to be adjusted according to the comments in this memo.
- 6. Revise site plan and conditional note(s) to commit to installing an 8' planting strip and an 8' sidewalk along Worthington Avenue frontage per UDO articles 32 and 33.
- 7. Revise site plan and conditional note(s) to commit to clearly showing each proposed driveway, site flow and new building locations.
- 8. Revise site plan and conditional note(s) to commit to ensuring the proposed replanting of trees do not impact sight distance at proposed driveway location.

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9. Add a conditional note specifying “the Petitioner shall dedicate and convey in fee simple all rights-of-way to the City before the site’s first building certificate of occupancy is issued. CDOT requests rights-of-way set at 2’ behind back of sidewalk where feasible.”
10. Remove “Unless otherwise stated herein” from II. Transportation D. and add “approved by CDOT” so that the note reads “All transportation improvements shall be completed and approved by CDOT prior to the issuance of the first building certificate occupancy for the Site.

The petitioner may phase transportation improvements if said improvements and phasing are approved by CDOT and explicitly described in site plan notes.

Advisory Information

The following are requirements of the developer that must be satisfied prior to driveway permit approval. These requirements shall be reflected on the rezoning plan, as appropriate.

1. 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, per the City of Charlotte Unified Development Ordinance.
2. Adequate sight triangles must be reserved at the existing/proposed street entrance(s). Two 50’ x 50’ sight triangles (and two 10’ x 70’ sight triangles on NCDOT-maintained streets) are required for the entrance(s) to meet requirements. All proposed trees, berms, walls, fences, and/or identification signs shall not interfere with sight distance at the entrance(s) and shall 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 NCDOT 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 to comply with City of Charlotte Unified Development Ordinance regulations.
4. All proposed commercial driveway connections to a future public street will require a driveway permit 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. To obtain a street and pedestrian lighting recommendation, the petitioner should visit the following link: <https://charlottenc.gov/Transportation/Programs/Pages/StreetLighting.aspx>