

Rezoning Transportation Analysis

Petition Number: 2022-190

General Location Identifier: 15504407

From: Jake Carpenter, PE

Jacob.carpenter@charlottenc.gov

980-221-5675

Reviewer:

Isaiah Washington

Isaiah.Washington@charlottenc.gov

980-275-2494

Revision Log:

Date	Description
3-22-23	First Review (IW)
4-20-23	Second Review (IW)

General Review Information

The petition is located on the west side of Providence Road, a State-maintained major throughfare, and north of Cherokee Road, a City-maintained minor throughfare. The petition is located in a south wedge inside of Route 4.

Active Projects Near the Site:

- There are no currently active projects in the area

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 on the west side of Providence Road, a State-maintained major throughfare, and north of Cherokee Road, a City-maintained minor throughfare. A Traffic Impact Study (TIS) is not required. The proposed site plan will generate less vehicular trips than what is currently entitled under the existing zoning. The site plan commits to showing future curb and gutter location and dedicating right of way and committing to 50' driveway stem per NCDOT coordination. Site plan and/or conditional note revisions are needed to commit to update site plan notes. Further details are listed below.

Rezoning Transportation Analysis

Petition Number: 2022-190

General Location Identifier: 15504407

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant Building	-	-	<i>Tax Record</i>
Entitlement with Current Zoning	UR-C, 1.08 acres	-	Too many uses to determine trip generation	<i>General Guidance from Planning</i>
Proposed Zoning	General Office (UR-C SPA, 1.08 acres)	40,000 SF	525	<i>Site Plan: 10-7-22</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:~~

~~**Providence Road:** Future location of curb and gutter to be 32.5 feet from roadway centerline to accommodate the Charlotte Streets Map with a roadway typical section of 4 Avenue, buffered/separated bike lane.~~

~~NOTE: Additional distance from center line to back of curb may be required in locations where a median is present or around intersections and interchanges.~~

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

~~2. Traffic Study:~~

~~A Traffic Impact Study (TIS) is not required for the complete review of this petition due to the site generating less than 2,500 daily trips and/or not triggering any other City TIS requirements.~~

~~3. Revise site plan and conditional note(s) to commit to dedicate 50.5 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."~~

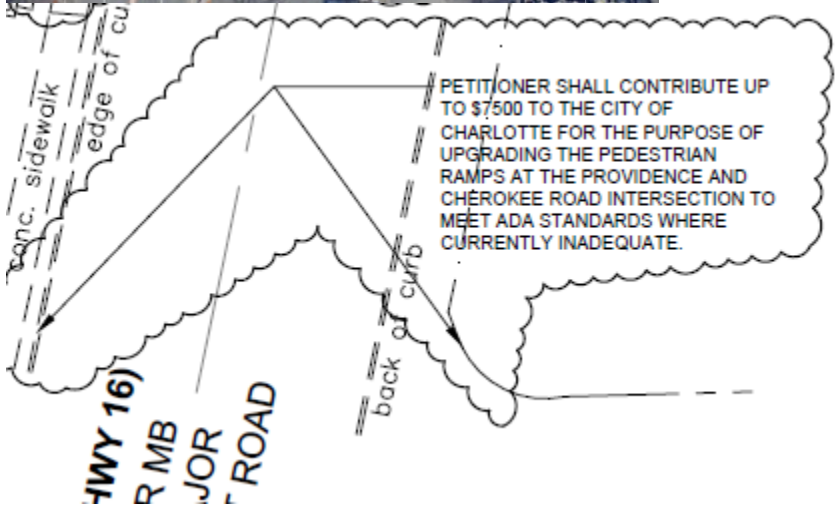
~~5. CDOT request the site plan and conditional note(s) be revised to commit to a 50-foot driveway stem behind the right of way per NCDOT coordination.~~

Rezoning Transportation Analysis

Petition Number: 2022-190

General Location Identifier: 15504407

6. CDOT requests site plan and conditional note(s) be revised to commit to upgrading intersection for ramps to meet ADA standards and upgrading pedestrian crossings for APS.



Comment Clarification 4-20-23: CDOT is requesting petitioner construct the ADA ramp(s) rather than a funding contribution. Request to commit to reconstruct ramps or remove site plan note.

7. ~~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.”~~
8. ~~Add a conditional note specifying “All transportation improvements will be approved and constructed before the site’s first building certificate of occupancy is issued. The petitioner may phase transportation improvements if said improvements and phasing are explicitly described in site plan notes.”~~
9. ~~Add conditional note specifying “All public roadway improvements will be subject to the standards and criteria of CDOT and NCDOT, as applicable, to the roadway improvements within their respective road system authority. It is understood that such improvements may be undertaken by the Petitioner on its own or in conjunction with other development or roadway projects taking place within the broad south Mecklenburg area, by way of a private/public partnership effort or other public sector project support.”~~

Rezoning Transportation Analysis

Petition Number: 2022-190

General Location Identifier: 15504407

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's Driveway Regulations.
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 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 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 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>