

Rezoning Transportation Analysis

Petition Number: 2024-031

General Location Identifier: 07328101

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
3-27-24	First Review (IW)

General Review Information

The petition is located at the intersection of Cedar Street, a City-maintained minor arterial, and Greenleaf Avenue, a City maintained local street. The petition is located in a center city activity center inside of Route 4, within the Center City 2020 Vision Plan.

Active Projects Near the Site:

- CIP - Hill Street Storm Drainage Improvement Project
 - Project ID: PM67111003
 - Location Description: The project area is bordered by 1st Street and I-77 to the north, Tryon Street to the south, Stonewall Street and 1st Street to the east and Palmer Street to the west.
 - Project Description: Install and/or repair drainage infrastructure.
 - Project Type: Storm Water
 - Project Phase: Design
 - Anticipated Completion Date: TBD
 - PM: David Estochen David.Estochen@charlottenc.gov
- CIP - LYNX Silver Line
 - Project ID: 04000
 - Location Description: Proposed Light Rail project from Central Piedmont Community College in the Town of Matthews to Monroe Road and Independence Boulevard through Uptown Charlotte then along Wilkinson Boulevard to the City of Belmont
 - Project Description: Proposed LYNX Silver Line light project from the Town of Matthews through Southeast and West Charlotte to the City of Belmont
 - Project Type: Transit
 - Project Phase: Design
 - PM: Andy Mock - amock@ci.charlotte.nc.us

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.

Rezoning Transportation Analysis

Petition Number: 2024-031

General Location Identifier: 07328101

Transportation Summary

The site is located at the intersection of Cedar Street, a City-maintained minor arterial, and Greenleaf Avenue, a City maintained local street. A Traffic Impact Study (TIS) is not required for the site due to the development generating site trips under ordinance thresholds and not meeting additional TIS triggers. Site plan and/or conditional note revisions are needed to commit creating an 8' Amenity zone and a 10' sidewalk along w. 4th street, to meet Article 33 in the UDO and adding conditional notes. Further details are listed below.

Scenario	Land Use	Intensity	Trip Generation			Source
			Daily Trips	AM Peak Hour Trips	PM Peak Hour Trips	
Existing Use*	Carolina Panthers' Practice Field	-	-	-	-	<i>Tax Record</i>
Entitlement with Current Zoning*	Carolina Panthers' practice field and indoor practice facility (MUDD-O, CAC-2, N2-C, 11,9 acres)	-	-	-	-	<i>General Guidance from Planning & RZP# 2019-044</i>
Proposed Zoning*	Carolina Panthers' practice field and indoor practice facility (UE (EX), 11.9 acres)	-	-	-	-	<i>Site Plan: 02-14-24</i>

Trip Generation

*No trip generation code accurately captures existing, entitled, and proposed use.

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. **S Cedar Street:** The future location of curb and gutter is in its existing location.

Uptown Primary Street

- b. **4th West Street:** The location of the future back of curb and gutter is to be 7 feet from the existing curb line per Charlotte Streets Map.

Uptown Primary Street

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

2. Comprehensive Transportation Review (CTR):

Rezoning Transportation Analysis

Petition Number: 2024-031

General Location Identifier: 07328101

A Traffic Impact Study (TIS) is not required for the complete review of this petition due to the site generating site trips under ordinance thresholds found in the Charlotte Streets manual Table 3.1 and/or not triggering any other City TIS requirements.

3. 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.”
4. Revise site plan and conditional note(s) to commit to creating an 8' amenity zone and a 10' sidewalk along w. 4th street, to meet Article 33 in the UDO.
5. 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.”
6. 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 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>