

# Rezoning Transportation Analysis

Petition Number: 2023-015

General Location Identifier: 10701109, 117401110, and 11701108

**From: Jake Carpenter, PE**

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**Reviewer:**

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## Revision Log:

Date	Description
5-24-23	First Review (JT)
10-26-23	Second Review (JP)
12-20-23	Third Review (JP)

## General Review Information

The petition is located at the intersection of Wilkinson Boulevard, a State-maintained commercial throughfare, and Remount Road, a City-maintained minor throughfare. The petition is located in west corridor inside of Route 4, within the Westside Strategy Plan Study Area.

### Active Projects Near the Site:

- Stone Restoration
  - Commercial project to renovate an existing building with minor site work. The project is located at 2601 Wilkinson Boulevard.
  - Project is currently under review.
- Allora Ashley Park South
  - Subdivision project of multifamily units. The project is located adjacent to Greenland Avenue, west of Weyland Avenue.
  - Project is currently under review.

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*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.*

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Based on our review of the petition, we offer the following information for your consideration.

## Transportation Summary

The site is located at the intersection of Wilkinson Boulevard, a State-maintained commercial throughfare, and Remount Road, a City-maintained minor throughfare. Site plan and/or conditional note revisions are needed to commit to label and dimension the ROW on Wilkinson Boulevard and Remount Road and add conditional notes to the site plan. Further details are listed below.

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## Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant	-	-	Tax Record
Entitlement with Current Zoning	Warehouse (I-2, 4.545 acres)	197,980 SF	355	General Guidance from Planning
Proposed Zoning	TOD-CC, 4.545 acres	-	Too many used to determine trip generation	General Guidance from Planning

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

## Outstanding Issues

**Strikethrough = Resolved**

### 1. Curbline:

a. ~~Wilkinson Boulevard:~~ the future location of curb and gutter is in its existing location.

b. ~~Remount Road:~~ the future location of curb and gutter is in its existing location.

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.

**Outstanding Comment 12.20.23:** Label and dimension the curb and gutter from the centerline for each road on the site plan.

### 2. Traffic Study:

Provide land use/density information for the purposes of Traffic Impact Study evaluation.

**Clarifying Comment 12.21.2023:** Revise conditional note(s) to add, "Petitioner will coordinate with CDOT during permitting for determination of need for TIS based on ordinance requirements and proposed land uses and density."

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

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- ~~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.~~

- ~~7. 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 western Mecklenburg area, by way of a private/public partnership effort or other public sector project support."~~

## 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 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 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>