

Rezoning Transportation Analysis

Petition Number: Insert Zoning Petition #2021-200

General Location Identifier: Tax ID (no dashes), intersection, etc.

From: Brandon Brezeale, PE

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Reviewer:

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Revision Log:

Date	Description
12-28-21	First Review (TNM)

General Review Information

The petition is located adjacent to Wildwood Avenue, a City-maintained minor collector and north of Blackmon Street a City-maintained local street. The petition is located in the North West Wedge outside Route 4.

Active Projects Near the Site:

- o 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 petition is located adjacent to Wildwood Avenue, a City-maintained minor collector and north of Blackmon Street, a City-maintained local street. A Traffic Impact Study (TIS) is not needed for this site. The proposed site will generate less vehicular trips than what is entitled with the current zoning. Site plan revisions are needed to meet ordinance requirements and the outstanding items including, but not limited to revising the road classification of all internal streets to public, revising the site plan and conditional notes to commit to installing an 8-foot planting strip and 6-foot sidewalk along Wildwood Avenue and internal streets per the Charlotte WALKS policy, and revising the internal street alignment. Further details are listed below.

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Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Single Family	1 Dwellings	10	Tax Record
Entitled Use	Single Family (R-5 3.21 acres)	16 Dwellings	195	General Guidance from planning
Proposed Use	Townhomes	18 Units	100	Site Plan: 8/12/2021

Provide comments to the specified comments below.

Outstanding Issues

~~Strikethrough~~ = Resolved

1. **Curb line:** The proposed zoning district has a setback measured from back of the existing curb line.
 - a. **Wildwood Avenue:** The future location of curb and gutter is in its existing location.

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 necessary for the complete review of this petition due to the site generating less than 2,500 daily trips. If during the permitting process the site generates more than 2,500 daily trips, then a traffic study will be required.

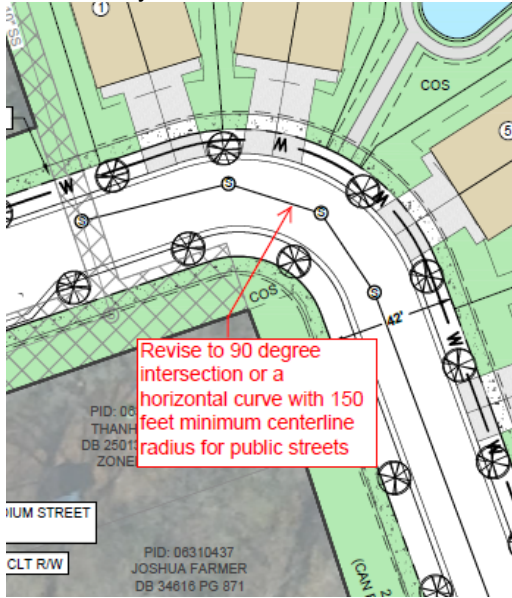
3. Revise site plan and conditional note(s) to commit to dedicating 28-feet of right-of-way from the site's proposed road centerline (56-feet total). The site plan shall label and dimension the right-of-way from the proposed road centerline.
4. Revise site plan and conditional note(s) to commit to construct an 8-foot planting strip, and 6-foot sidewalk on Wildwood Avenue and the site's internal roads per Chapter 19. The site plan shall label and dimension both items from the back of curb and the road centerline.

Rezoning Transportation Analysis

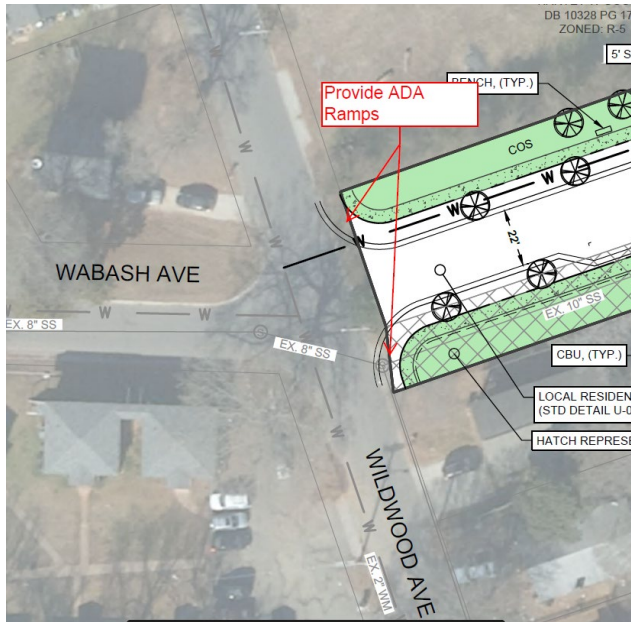
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5. Revise site plan to propose at 90-degree intersection in the location of the horizontal curve. Alternatively, a horizontal curve can be installed with a minimum centerline radius of 150-feet.



6. Revise site plan to propose ADA ramps at the intersection of Wildwood Avenue and the internal public road.



7. Site plan and conditional note(s) revisions are needed identify the internal streets as public streets.
8. Revise Transportation Note 6 to state commit to dedication and fee simple conveyance of all rights-of-way to the City before the site's first building certificate of occupancy is issued is needed. CDOT requests rights-of-way set at 2' behind back of sidewalk where feasible.

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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. The setback for this district is measured from the back of the existing or future curbline as determined by CDOT and Planning during the permitting process.
2. 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.
3. 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.
4. 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.
5. All proposed commercial driveway connections to a future public street will require a driveway permit submitted to CDOT for review and approval.
6. Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.
7. 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.
8. The petitioner needs to complete and submit the [Right of way Abandonment Petition form](#) to CDOT for review. The decision of this rezoning petition does not correlate with the decision of the possible abandonment, as this decision is issued within the separate Right of Way Abandonment process that is controlled by North Carolina General Statutes.
9. To attain a street and pedestrian lighting recommendation, the petitioner should coordinate with Anthony Mendez, CDOT. Please visit the following link:
<https://charlottenc.gov/Transportation/Programs/Pages/StreetLighting.aspx>