

# Rezoning Transportation Analysis

Petition Number: 2020-103

General Location Identifier: 21337101

From: Lakisha Hull

[Lakisha.Hull@ci.charlotte.nc.us](mailto:Lakisha.Hull@ci.charlotte.nc.us)

704-432-5492

Reviewer:

Lynda Jensen

[Lynda.Jensen@ci.charlotte.nc.us](mailto:Lynda.Jensen@ci.charlotte.nc.us)

980-475-1113

## Revision Log:

Date	Description
08-23-2020	First Review

## General Review Information

This site is located at the intersection of Providence Road and Alexander Road (NCDOT major Thoroughfare and CDOT minor thoroughfare maintenance, state and City road). The site is a Wedge and is not in Route 4. Regarding NCDOT, Providence Road will need a 100 ft RTL and 100 ft ROW from center line, there will be no abandonment allowed, and the driveway stem will be required 100 ft from the ROW line.

Active Projects Near the Site:

- No Projects near the site.

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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.*

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*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 a major thoroughfare (State maintained) and a minor thoroughfare (City Maintained). The petitioner should revise the site plan to meet the ordinance requirements and the outstanding items listed below.

## Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Single Family	2 units	20	Tax Record
Entitlement with Current Zoning	Single Family (R-3, 5.92 acres)	17 units	205	General Guidance from Planning
Proposed Zoning	Townhomes	87 units	620	Site Plan: 6-11-20

Please provided responses to our comments.

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## Outstanding Issues

~~Strikeout~~ = Not an outstanding issue

1. **Curblines:** The proposed zoning district has a setback measured from back of the existing or future curblines.
  - a. **Providence Road (NCDOT):** The location of curb and gutter may be required to be moved to allow for a wider thoroughfare - 100 feet from road centerline.
  - b. **Alexander Road (CDOT):** The future location of curb and gutter is in its existing location.

The site plan should show the curb and gutter labeled and dimensioned from the centerline for Providence Road.

2. **Traffic Study** A Traffic Impact Study 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, a traffic study will be required.
3. The petitioner should revise the site plan and conditional note(s) to commit to dedicate 50-foot right-of-way from the Providence Road centerline. The site plan should label and dimension the right-of-way from the road centerline.
4. The proposed dwelling units per acre exceeds 12. Per Chapter 20 Subdivision ordinance, the petitioner should revise the site plan and conditional note(s) to commit to construct an 8-foot planting strip, and 8-foot sidewalk along Providence Road and Alexander Road. The wider sidewalk also meets the Charlotte WALKS Policy. The site plan should label and dimension both items from the back of curb and gutter and road centerline.
5. The petitioner should revise the site plan and conditional note(s) to accommodate a height check and possible replacement of guardrail on Providence Road for safety
6. Providence Rd/NC 16 feasibility study has been suspended; unsure if ROW will be needed in the future for 6 lanes, a large intersection, etc. The abandonment needs to be deferred until the feasibility study is complete and it has been determined that future widening is unlikely.
7. The petitioner should revise the site plan to add a note specifying dedication and fee simple conveyance of all rights of way to the City before the site's first building certificate of occupancy is issued. CDOT requests right of way set at 2' behind back of sidewalk where feasible.
8. The petitioner should revise the site plan to add a 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. **Resolved** Sample format for comment that is resolved~~

## Advisory Information

The following are requirements of the developer that must be satisfied prior to driveway permit approval. We recommend that the petitioner reflect these on the rezoning plan as-appropriate.

1. The setback for this district is measured from the back of the existing or future curblines as determined by CDOT and Planning during the permitting process.
2. According to the City of Charlotte's Driveway Regulations, 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.
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 North Carolina Department of Transportation on NCDOT maintained streets) are required for the entrance(s) to meet

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requirements. All proposed trees, berms, walls, fences, and/or identification signs must not interfere with sight distance at the entrance(s). Such items should 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 the North Carolina Department of Transportation 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 to be 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 the construction/installation of the non-standard item(s). Contact CDOT for additional information concerning cost, submittal, and liability insurance coverage requirements.