

Rezoning Transportation Analysis

Petition Number: 2019-142

General Location Identifier: 06504501

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Reviewer: Eric Lemieux, PE
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Revision Log:

Date	Description
11-21-19	First Review

General Review Information

The site is at the unsignalized intersection of Tuckaseegee Road (major thoroughfare, city maintained) and Enderly Road (minor collector, city maintained) and is located in a wedge inside Route 4.

Active Projects Near the Site:

- Tuckaseegee-Berryhill-Thrift Roundabout
 - The project will replace a traffic signal with a roundabout at the five-leg intersection where Tuckaseegee and Berryhill have 2 legs, and Thrift has one leg.
 - Construction activity will start in the third quarter of 2020.

CDOT's review of this rezoning petition is intended to ensure consistency with the Transportation Action Plan (TAP) which seeks 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 a major thoroughfare road. 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	Vacant	NA	0	Petitioner
Entitlement with Current Zoning	Retail	4,480 sf	730	Tax Record
Proposed Zoning	Retail	4,480 sf	730	Site Plan: 08-22-19

Outstanding Issues

~~Strikeout~~ = Not an outstanding issue

1. **Curbline** The proposed zoning district has a setback measured from back of the existing or proposed future curbline.
 - a. **Tuckaseegee Road:** The future location of curb and gutter is in its existing location.

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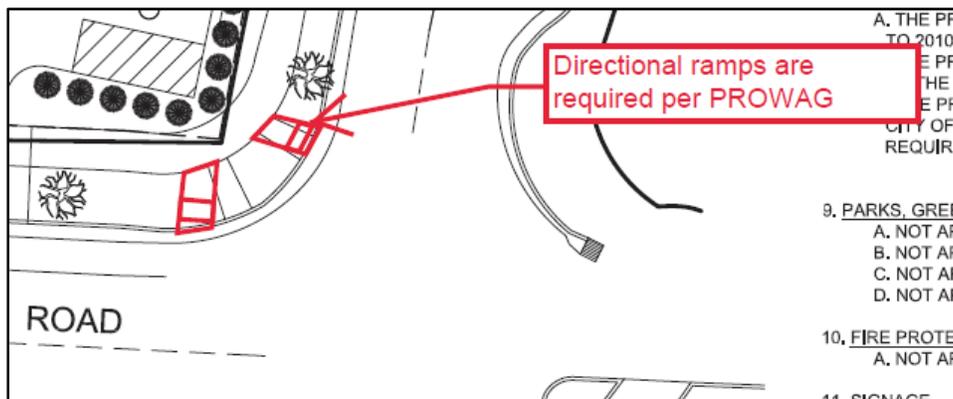
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- b. **Enderly Road:** The future location of curb and gutter is in its existing location.

The site plan should show the curb and gutter labeled and dimensioned from the centerline for each road.

2. **Traffic Study** A Traffic Impact Study is not necessary for the complete review of this petition.
3. The petitioner should revise the site plan and conditional note(s) to commit to dedicate a minimum of 36 feet of right-of-way from the existing Enderly Road centerline, per Charlotte Land Development Standards Manual (CLDSM) Standard Detail *U-07 – Local Collector Street Typical Section*. The site plan should label and dimension the right-of-way from the existing road centerline.
4. The petitioner should revise the site plan and conditional note(s) to commit to construct a 6-foot sidewalk on Enderly Road, per *Section 11.507. Streetscape requirements* of Chapter 11 within the Zoning Ordinance. The site plan should label and dimension from the existing back-of-curb and gutter and road centerline.
5. The petitioner should revise the site plan and conditional note(s) to provide a 6-foot minimum planting strip width on Enderly Road.
6. The petitioner should revise the site plan and conditional note(s) to commit to dedicate a minimum of 30 feet of right-of-way from the existing Tuckaseegee Road centerline, per the 2004 Mecklenburg-Union Metropolitan Planning Organization Thoroughfare Plan, for a minor thoroughfare inside of Route 4. The site plan should label and dimension the right-of-way from the road centerline.
7. The petitioner should revise the site plan and conditional note(s) to commit to construct the proposed driveway per CLDSM Std. *10.25E - Modified type II driveway detail with planting strip*.
8. The petitioner should revise the site plan and conditional note(s) to commit to replace the existing ramp with directional ramps at the intersection of Tuckaseegee Road and Enderly Road.



9. 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.
10. 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.
11. ~~Resolved~~ Sample format for comment that is resolved

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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 curbline 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 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.