

# Rezoning Transportation Analysis

Petition Number: 2019-079

General Location Identifier: 04104212

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## Revision Log:

Date	Description
07-18-2019	First Review
08-12-2019	Second Review

## General Review Information

The site is at the unsignalized intersection of Statesville Road (major thoroughfare, state maintained) and Auten Avenue (local, city maintained). The site is in a corridor outside Route 4. The site is also served also by CATS bus routes.

## Active Projects Near the Site:

- Beatties Ford Pedestrian Crossings
  - This project will add pedestrian islands, pedestrian signals and/or traffic signals at locations to be identified along Beatties Ford Road from I-85 to Capps Hill Mine Road.

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*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.*

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

## Transportation Summary

The petitioner has depicted most of all transportation improvement requirements or requests by CDOT as depicted on the revised site plan. CDOT is requesting detailed transportation conditional notes be added to specifically state the petitioner shall commit and implement all proposed transportation and streetscape improvements as currently called-out on the revised site plan dated, 8/12/2019.

## Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Single Family	2 dwellings	20	Tax Record
Entitlement with Current Zoning	Retail (1.25 acres of B-2)	18,750 sf	1,930	General Guidance from Planning
Proposed Zoning	Retail	3,350 sf	600	Site Plan: 08-12-19

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## 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. **Statesville Road:** The future location of curb and gutter is in its existing location.~~
  - ~~b. **Auten Avenue:** Location of back of curb is 12.5' as measured from Auten Avenue's existing centerline, as required by the City's Zoning Ordinance, Chapter 20.~~~~

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 implement a local office/commercial narrow street section, including an 8' planting strip and 5' sidewalk along the site's Auten Ave. frontage (see CLDSM standard detail U-04.16).~~
- ~~4. The petitioner should revise the site plan and conditional note(s) to commit to construct an 8-foot planting strip, and 6' sidewalk on along the site's Statesville Rd. frontage and an 8' planting strip and 5' sidewalk along the site's Auten Avenue frontage, extending to an existing sidewalk on tax parcel 04104214, as required by the City Planning's Subdivision Ordinance. The petition needs to revise the site plan to depict five (5) foot sidewalks are required from the proposed building to each public street. The revised site plan needs to 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 eliminate two (2) proposed "inside" driveways accessing the site from Auten Ave. The two (2) proposed driveways (i.e. closest to Statesville Rd. and the site's western property line can remain.~~
- ~~6. The petitioner should revise the site plan to add a conditional note specifying dedication and fee simple conveyance of all rights of way on both Statesville Ave. and Auten Ave. 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.~~
- ~~7. 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.~~

## 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. 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.
2. 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.
3. 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.

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4. All proposed commercial driveway connections to a future public street will require a driveway permit to be 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. 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.