

# Rezoning Transportation Analysis

Petition Number: 2018-108

General Location Identifier: 20118102, 20118144

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## Revision Log:

Date	Description
09-19-18	First Review
10-22-18	Second Review

## General Review Information

The site is on S Tryon Street (major thoroughfare) and John Price Road (major collector) and is located in a center outside Route 4. The site is within the limits of the Steele Creek Area Plan.

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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 site is located on a major thoroughfare and a major collector. The site plan commits to the extension of Nevada Boulevard (major collector) from South Tryon Street and John Price Road. The site plan also commits to a traffic signal at the intersection of Nevada Boulevard and South Tryon Street when warranted and installation of a pedestrian signal in the interim.

## Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant	NA	0	Tax Record
Entitlement with Current Zoning	Warehouse (10.8 ac of I-1)	108K sf	380	General Guidance from Planning
Proposed Zoning	Apartments	231 dwellings	1,330	Site Plan: 08-20-18

## Outstanding Issues

Strikeout = Not an outstanding issue

- ~~Traffic Study~~ A Traffic Impact Study is not necessary for the complete review of this petition.
- The petitioner should revise the site plan and conditional note(s) to show a left turn lane on John Price Road with 150 feet of storage and 100 foot taper.

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- ~~3. The petitioner should revise the site plan and conditional notes to show the location of back of curb 20.5 feet from centerline of John Price Road.~~
- ~~4. South Tryon Street/NC Highway 49 is identified to be widened in the future. The petitioner should revise the site plan and conditional notes to show dedication of right of way, fee simple, of 67 feet from centerline of the road.~~
- ~~5. The petitioner should revise the site plan and conditional notes to show the installation of a traffic signal at the intersection of South Tryon Street and Nevada Boulevard when warranted and approved by CDOT and NCDOT.
  - ~~a. In the interim condition, a pedestrian signal should be provided north of S. Tryon Street and Nevada Boulevard with associated pedestrian refuge island and ramps to help pedestrians cross the road.~~~~
- ~~6. 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.~~
- ~~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.
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.