

# Rezoning Transportation Analysis

Petition Number: 2017-104

General Location Identifier: 23121168

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## Revision Log:

Date	Description
07-21-17	First Review
08-18-17	Second Review
09-21-17	Third Review

## General Review Information

The site is on McKee Rd (major thoroughfare) and is located in a wedge outside Route 4.

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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 along a major thoroughfare identified for future widening. The site plan commits to a local street network across the existing utility easement that provides local connectivity and sidewalk construction with right of way dedication along the site frontage to support the envisioned future cross-section of McKee Road. CDOT requests the petitioner commit to providing left turn lanes at both proposed entrances to support the development consistent with the existing single family developments on this street.

## Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant	N/A	N/A	Petition
Entitlement with Current Zoning	Single Family	82 dwellings 76 dwellings	880 820	General Guidance from Planning
Proposed Zoning	Single Family	137 dwellings	1,400	General Guidance from Planning
		81 dwellings	870	Site Plan: 08-14-17
		80 dwellings	860	Site Plan: 08-30-17

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## Outstanding Issues

Strikeout = Not an outstanding issue

- ~~1. **Traffic Study** A Traffic Impact Study/Transportation Technical Memorandum is not needed for the complete review of this petition.~~
- ~~2. The petitioner should revise the site plan and conditional note(s) to show dedication of future right of way 60 feet from centerline of the road. McKee Rd has future cross section that includes 4 lane, median divided, bike and pedestrian facilities. Total right of way is 120 feet.~~
- ~~3. The petitioner should revise the site plan to show 6 foot sidewalk on McKee Rd across the site frontage, starting at the existing sidewalk to the west of the property and tie into existing sidewalk at Providence Hills Dr. Front of sidewalk location is 52 feet from centerline of the road.~~
- ~~4. The petitioner should revise the site plan to show a left turn lane, with 150 foot storage, on McKee Rd at the proposed entrances. Additional right of way dedication may be required to accommodate this facility.~~
- ~~5. The petitioner should revise the site plan to label public street spine street as local residential wide.~~
- ~~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 or phased per the site's development plan.~~

## 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.