Rezoning Transportation Analysis

Petition Number 2016-057 Updated 3/29/2016

Location Approximately 16.5 acres located on the west side of Toddville Road

between Freedom Drive and CSX Way

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CDOT's Review of this rezoning petition is intended to ensure consistency with the Transportation Action Plan (TAP). The TAP seeks to ensure that Charlotte'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 to be used in the overall City staff analysis of the rezoning petition and includes information on trip generation, outstanding site plan concerns, and an overall summary of the case from a transportation perspective.

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

Transportation Summary

To be provided prior to public hearing.

Trip generation for proposed use is approximated from number of spaces as no building use is available.

Trip Generation

	Existing Zoning		
Scenario	Land Use	Intensity	Trip Generation (Vehicle trips/day)
Existing Use	Vacant		
Entitlement	Apartments	280	1800

	Proposed Zoning		
Site Plan	Land Use	Intensity	Trip Generation
Date			(Vehicle
			trips/day)
2/5/2016	Tractor Trailer Truck Parking	245	1300
	Employee Parking	85	

Resolved Issues

Outstanding Issues

- 1. The petitioner needs revise the site plan to include 150' northbound Toddville left turn storage lanes with appropriate bay taper lengths for both proposed site driveways. Since the distance between the site driveways is short the petitioner mostly need to continuous left turn lanes between the two proposed site driveways.
- 2. The petitioner needs to revise the site plan to provide approximately 70' of truck storage length between the proposed driveway security gates and the building setback line, so vehicles waiting for the gate to open do not maneuver within the site's building setback, per the zoning ordinance.
- 3. Toddville Road is designated as a minor thoroughfare on the City's Thoroughfare Plan, requiring 70' of total right-of-way. Therefore the site plan needs to be revised to depict existing/ proposed right-of-way lines and 35' of right- of-way needs to be dedicated in fee simple as measured from Toddville Rd.'s existing centerline.

Toddville Rd.'s is planned to be built as an USDG Avenue Typical Section (i.e. 3-11' travel lanes plus 5' bike lanes) therefore CDOT requests the required curb and gutter be located 24' as measured from Toddville Rd.'s existing centerline.

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 future right-of-way line.
- 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 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 Toddville Rd. will require a driveway permit(s) to be submitted to CDOT and the North Carolina Department of Transportation 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.