# **Rezoning Transportation Analysis**

Petition Number	2016-063	Updated	4/22/2016			
Location	Approximately 1.18 acres located on the north side of North Davidson Street between Donatella Avenue and Anderson Street.					
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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**

This site has direct access to an existing minor thoroughfare near an unsignalized intersection with a local street. The site is adjacent to the LYNX Blue Line Extension and within the project limits of an approved NCDOT project (U-5008, Sugar Creek Road Grade Separation). Additionally, the potential Cross Charlotte Trail alignment is within 1000 feet of this site. This plan complies with the general transportation policy goals and applicable area plans. CDOT has not identified any negative impacts to the transportation facilities in the area.

#### **Trip Generation**

	Existing Zoning		
Scenario	Land Use	Intensity	Trip Generation (Vehicle trips/day)
Existing Use	Warehouse	23.3k sf	80
Entitlement	Warehouse	23.3k sf	80

	Proposed Zoning			
Site Plan Date	Land Use	Intensity	Trip Generation (Vehicle trips/day)	
2/19/2016	MUDD-O	1.18 acres	Too many uses to determine	
4/15/2016	No Changes	-	-	

## Curbline

The proposed zoning district has a setback measured from an existing or proposed future curbline. The location of the curbline is depicted correctly on the current site plan. Petitioner should note that the curbline will be adjusted per NCDOT's approved U-5008 project.

## **Resolved Issues**

- The site plan needs to be revised to dedicate R/W 2' behind proposed sidewalk on North Davidson Street. The revised site plan needs to depict both existing and proposed right-of-way lines
- 2. The petitioner has received NCDOT's approved construction plans to close the existing East Craighead Rd. RR at-grade crossing and realign North Davidson Street west of 3629 North Davidson St. The petitioner needs to revise the site plan to provide similar streetscape improvements along the site's North Davidson Street frontage. The site plan needs to be revised to depict on-street parallel parking incorporated within the planning strip (i.e. street trees planted between every two (2) consecutive on-street parking spaces) and a 6' wide bike lane along the site's North Davidson Street's frontage. The petitioner will need to work with City Planning and Urban Forestry during the construction permitting process to ensure proper street tree planting areas.
- 3. CDOT understands NCDOT's Davidson/Craighead intersection construction is schedule to be completed in September 2018, after the subject site is open for business and after CATS BLE 2017 operational date. Therefore the petitioner needs to coordinate closely with both CATS Sr. Project Manager Jill Brim (704-366-2267) and NCDOT's Resident Engineer Mr. Kevin Bridges (980-523-0080) during the site's rezoning and construction permitting process. The site's proposed North Davidson Street driveways may need to be revised during the permitting process.
- 4. CDOT requests the petitioner work with CDOT during the permitting process regarding the possibility to enlarge and reconfigure the proposed on-site parking lot. Due to the NCDOT's construction project existing public right-of-way may be available for abandonment, if so CDOT would like to reduce access to the proposed parking lot to one site driveway.

# **Outstanding Issues**

- 1. CDOT recommends the petitioner revise the site plan to provide additional hardscape pavement material between the back of the proposed 8' sidewalk and the building vs. small intermittent grass strips and the internal sidewalks. City Planning needs to be consulted to define the additional hardscape areas, behind the proposed public sidewalk.
- 2. The petitioner needs to revise the site plan to include a permanent SUE between the proposed right-of-way line and back of the proposed 8 feet wide sidewalk along the site's North Davidson Street frontage.

# **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.
- 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.
- 3. The proposed driveway connection(s) to North Davidson Street 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.
- 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.