

Rezoning Transportation Analysis

Petition Number: 2017-004

General Location Identifier: 08010221,08010211

From: **Kelsie Anderson, PE**

Kelsie.Anderson@charlottenc.gov

704-432-5492

Staff Reviewer: Kory Hedrick, PE, PMP

khedrick@charlottenc.gov

704-432-6511

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.

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

Transportation Summary

The proposed rezoning will allow an expansion of an existing school but will not add any extra traffic or increase the number of students attending. The current site plan with the exception of one minor outstanding issue does not present any concerns for CDOT at this time.

General Description

This proposed school expansion is located at the unsignalized intersection of 8th St. and N. McDowell St. McDowell St. in this location is a City maintained major thoroughfare and 8th is a local street. This site is located in the downtown activity center just inside the I-277 loop.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (AM Peak Hour trips)	Source
Existing Use	Private School (K-8) Single Family	500 Students 2 dwellings	452	Site Plan: 10-19-16
Entitlement with Current Zoning	Private School (K-8) Townhomes	500 Students 4 dwellings	454	General Guidance from Planning and RZ 2000-158
Proposed Zoning	Private School (K-8)	500 Students	450	Site Plan: 10-19-16

Curbline

The proposed zoning district has a setback measured from an existing or proposed future curbline. The location of the future is as depicted on the site plan.

Resolved Issues

1. The petitioner should revise the site plan to remove the proposed service area. An internal connection should be made to the existing service area and drive if an expanded service area is needed.

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2. CDOT requests the petitioner to dedicate right of way at a location 2' behind proposed sidewalk. 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.
3. 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.

Outstanding Issues

1. CDOT is planning to widen the bike/pedestrian path between McDowell and Myers St to 16ft. Therefore, CDOT request the petitioner dedicate easement around current pathway for expansion.

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.

Revision Log

Date	Description	By
11-21-16	First Review	KMH
12-21-16	Second Review	KMH
1-24-16	Third Review	KMH