

Rezoning Transportation Analysis

Petition Number: 2016-122

General Location Identifier: 19918103; 19918113; 19918114; 19918104

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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.

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

Transportation Summary

The site is located on a local street connecting a minor and a major thoroughfare at unsignalized intersections. Converting this site to a conventional district removes commitments made in the prior rezoning for planting strip with sidewalk on Ed Brown and turn lanes on Steele Creek at Ed Brown.

General Description

Site is located on Ed Brown Road between Westinghouse (minor thoroughfare) and Steele Creek (major thoroughfare).

Site was previously rezoned (2015-033) and required sidewalk improvements on Ed Brown. NB left turn lane on Steele Creek Rd at Ed Brown Rd, and a SB right turn lane on Steele Creek Rd at Ed Brown Rd.

Site is located in an Industrial Center outside Route 4.

Steele Creek Area Plan recommends sidewalks on thoroughfares, four-lane boulevard on Steel Creek, and intersection improvements at Steele Creek and Westinghouse.

CNIP project – Westinghouse multi-use path (preliminary planning in progress)

State project – Steel Creek widening (construction 2022)

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant Single Family	N/A 2 dwellings	20	Tax Record
Entitlement with Current Zoning	Warehouse and Single Family (1.57 acres of R-3)	650,000 sf 4 dwellings	2340	RZ 2015-033 General Guidance from Planning
Proposed Zoning	Warehouse (17.13 acres of I-1)	171,300 sf	610	General Guidance from Planning

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Resolved Issues

N/A

Outstanding Issues

None

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 back of the existing or future curbline as determined by CDOT and Planning during the permitting process.
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 (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.
4. 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.
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.

Revision Log

Date	Description	By
08-22-16	First Review	CA