

# Rezoning Transportation Analysis

Petition Number: 2021-085

General Location Identifier: 20511110

**From: Brandon Brezeale, PE**

Brandon.Brezeale@charlottenc.gov

**Reviewer:**

**Walta Blackmon, PE**

Walta.Brumskine@charlottenc.gov

704-618-8703

## Revision Log:

Date	Description
08-02-2021	First Review (WB)

## General Review Information

The petition is located adjacent to China Grove Church Road, a City-maintained minor collector south of East Westinghouse Boulevard, a City-maintained major thoroughfare. The petition is located in the South Corridor outside Route 4. Applicable area plans include the Sharon & I-485 Transit Station Area Plan.

Active Projects Near the Site:

- N/A

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*CDOT's review of this rezoning petition is intended to provide consistency with council adopted policies, plans, standards and guidelines including, but not limited to, the [Transportation Action Plan \(TAP\)](#), [Vision Zero](#), [Urban Street Design Guidelines \(USDG\)](#), [Center, Corridor and Wedges](#), [Charlotte BIKES](#), [Traffic Impact Study Guidelines](#) and [Charlotte WALKS](#). With a commitment to design complete streets, this review is 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 on China Grove Church Road, a City-maintained minor collector south of Westinghouse Boulevard, a City-maintained major thoroughfare. A Traffic Impact Study (TIS) is not needed for this site. Site plan revisions are needed to meet ordinance requirements and the outstanding items including, but not limited to dedication of public right-of-way and the required streetscape along China Grove Church Road. Further details are listed below.

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## Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Warehouse	13,248 SF	70	Tax Record
Entitled Use	Warehouse (I-2 0.17 acres)	2,550 SF	165	General guidance from planning
	Warehouse (I-1 4.379 acres)	43,790 SF		
Proposed Use	Warehouse	13,248 SF	70	Site Plan: 3/18/2021

Provide comments to the specified comments below.

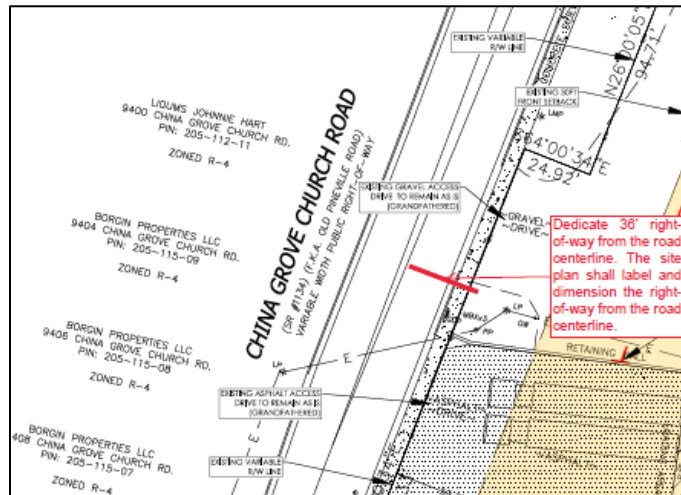
## Outstanding Issues

**Strikethrough = Resolved**

### 1. Traffic Study:

A Traffic Impact Study (TIS) is not necessary for the complete review of this petition due to the site generating less than 2,500 daily trips. If during the permitting process the site generates more than 2,500 daily trips, then a traffic study will be required.

2. Revise site plan and conditional note(s) to commit to dedicate 36' right-of-way from the road centerline. The site plan shall label and dimension the right-of-way from the road centerline.



3. Revise site plan and conditional note(s) to commit to construct an 8-foot planting strip, and 5-foot minimum sidewalk on China Grove Church Road per CLDSM Standard U-07 and in accordance with Charlotte BIKES Policy. The site plan shall label and dimension both items from the back of curb and gutter and road centerline.
4. Site plan and conditional note(s) revisions are needed to remove all reference to all "grandfathered" infrastructure. All transportation infrastructure must be revised to meet current CDOT CLDSM standards, including driveway installation per the Charlotte Driveway Regulations.

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## Advisory Information

The following are requirements of the developer that must be satisfied prior to driveway permit approval. These requirements shall be reflected on the rezoning plan, as appropriate.

1. 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, per the City of Charlotte's Driveway Regulations.
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 NCDOT-maintained streets) are required for the entrance(s) to meet requirements. All proposed trees, berms, walls, fences, and/or identification signs shall not interfere with sight distance at the entrance(s) and shall 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 NCDOT 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 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 construction/installation. Contact CDOT for additional information concerning cost, submittal, and liability insurance coverage requirements.
7. The petitioner needs to complete and submit the [Right of way Abandonment Petition form](#) to CDOT for review. The decision of this rezoning petition does not correlate with the decision of the possible abandonment, as this decision is issued within the separate Right of Way Abandonment process that is controlled by North Carolina General Statutes.
8. To attain a street and pedestrian lighting recommendation, the petitioner should coordinate with Anthony Mendez, CDOT. Please visit the following link:  
<https://charlottenc.gov/Transportation/Programs/Pages/StreetLighting.aspx>