

Rezoning Transportation Analysis

Petition Number: 2023-071

General Location Identifier: 03324108, 03324109, 03324110

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Revision Log:

Date	Description
8-24-23	First Review (TM)

General Review Information

The petition is located adjacent to Oakdale Road, a State-maintained minor arterial, south of Mount Holly-Huntersville Road, a State-maintained major arterial. The petition is located in a northwest wedge outside of Route 4, within I-485 Interchange Analysis Study.

Active Projects Near the Site:

- There are no known active city projects in the area

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.

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

Transportation Summary

The site is located adjacent to Oakdale Road, a State-maintained minor arterial, south of Mount Holly-Huntersville Road, a State-maintained major arterial. A Comprehensive Transportation Review (CTR) is required for this site due to the site falling within the low intensity development. Based on the 1,560 daily trips, this will trigger a Tier 3 multimodal assessment and Traffic Impact Study (TIS). Site plan and/or conditional note revisions are needed to commit to showing the future back of curb for Mt Holly Huntersville Road and Oakdale Road, installing Multi-Use paths along entire frontage, installing right turn lane on Mt. Holly-Huntersville Road, committing to median on Oakdale, and adding conditional notes. Further details are listed below

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Trip Generation

Scenario	Land Use	Intensity	Trip Generation			Source
			Daily Trips	AM Peak Hour Trips	PM Peak Hour Trips	
Existing Use	Single Family Detached	2 Dwelling Units	30	2	3	<i>Tax Record</i>
Entitlement with Current Zoning	Single Family (N1-A, 3.85 acres)	11 Dwelling Units	135	10	12	<i>General Guidance from Planning</i>
Proposed Zoning	Retail (CG, 3.85 acres)	31,500 SF	1,560	61	176	<i>Site Plan: 3/31/2023</i>

Petitioner to provide responses to the staff comments below as well as specify other changes to the site plan.

Outstanding Issues

Strikethrough = Resolved

1. Curblines:

- a. **Oakdale Road:** Location of future back of curb and gutter to be moved to 19 feet from roadway centerline to accommodate the Charlotte Streets Map with a roadway typical section of 2+ Avenue, Shared Use Path.
- b. **Mt Holly-Huntersville Road:** Location of future back of curb and gutter to be moved to 30 feet from roadway centerline to accommodate the Charlotte Streets Map with a roadway typical section of 4+ Avenue, Shared Use Path.

NOTE: Additional distance from center line to back of curb may be required in locations where a median is present or around intersections and interchanges.

Label and dimension the curb and gutter from the centerline for each road on the site plan.

2. Comprehensive Transportation Review (CTR):

A Traffic Impact Study is required for the complete review of this petition due to the site generating site trips over ordinance thresholds found in the Charlotte Streets Manual Table 3.1 and/or triggering other City TIS requirements.

Staff will receive the petition and begin review, but the public hearing will not be scheduled until the TIS is approved to allow for the minimum time necessary for CDOT to review the study and reach agreement with the petitioner on the required transportation commitments. Any agreed upon commitments shall be included on the last site plan submitted no fewer than 4 weeks prior to the public hearing. Therefore, additional traffic mitigation comments may be forthcoming once the TIS is approved by CDOT (and NCDOT).

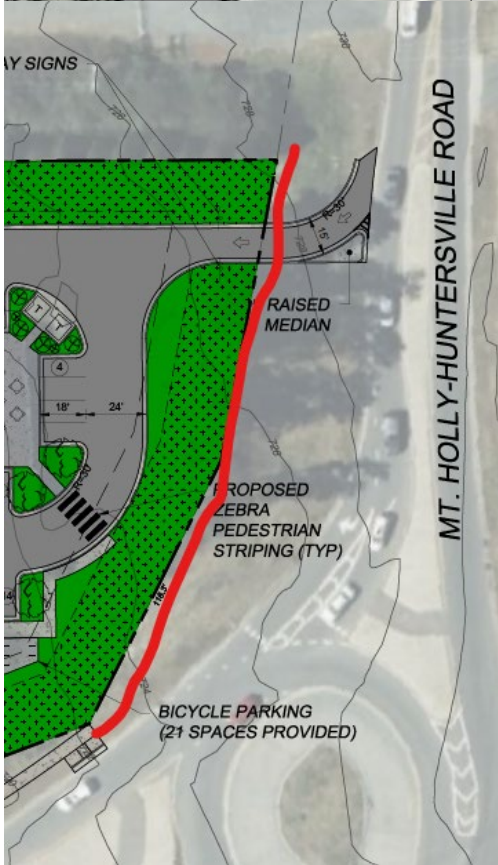
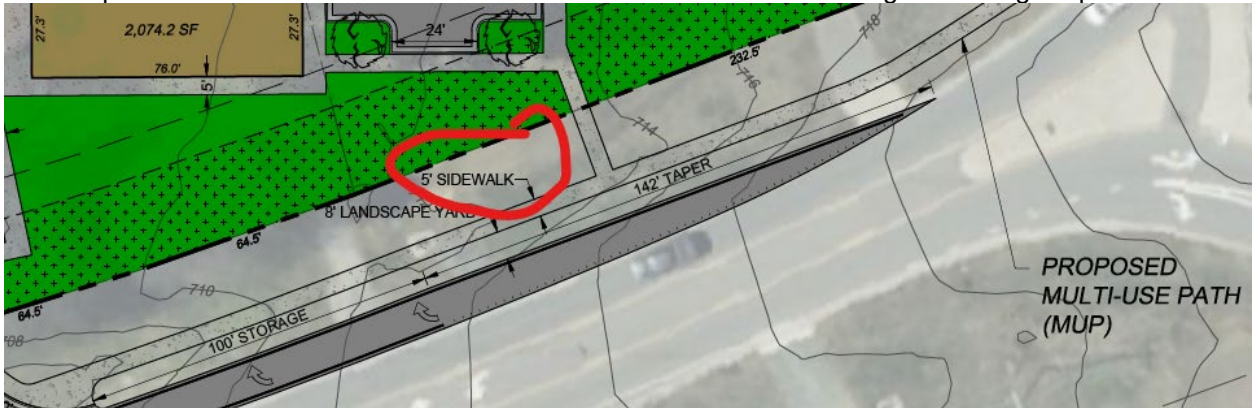
The petition's zoning falls within low intensity development which based on the 1560 daily trips will trigger Tier 3 (9 mitigation points) for multimodal assessment. The petitioner shall review and assess the publicly accessible pedestrian network within ¼ mile walking distance of the site to identify multimodal infrastructure to meet the Tier 3 (9 mitigation points) for multimodal assessment.

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3. Revise site plan and conditional note(s) to commit to label and dimension the right-of-way from the road centerline on Oakdale Road and Mt Holly-Huntersville Road.
4. Revise site plan and conditional note(s) to commit to construct an 8-foot planting strip, and 12' sidewalk along the entire frontage of property on both Oakdale Road and Mt Holly-Huntersville Road to meet the Council-adopted Charlotte BIKES Policy and Charlotte Streets map along Oakdale Road and Mt. Holly Huntersville Road. Multi-use paths maintained by the City shall meet ADA/PROWAG requirements. The site plan shall label and dimension both items from the back of curb and gutter or edge of pavement.



5. Add a conditional note specifying "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,

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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.”

6. Revise site plan and conditional note(s) to commit to installing a concrete median on Oakdale Road if it is not already being constructed by development on the opposite side of development on Oakdale.
7. Revise site plan to show median that will be installed on Oakdale Road.



8. Per coordination with NCDOT, petitioner should revise site plan and conditional note(s) to commit to installing a right turn lane on Mt. Holly Huntersville Road for the right in only access.
9. Add a conditional note specifying “the Petitioner shall dedicate and convey in fee simple all rights-of-way to the City before the site’s first building certificate of occupancy is issued. CDOT requests rights-of-way set at 2’ behind back of sidewalk where feasible.”
10. Add a conditional note specifying “All transportation improvements will be approved and constructed before the site’s first building certificate of occupancy is issued. The petitioner may phase transportation improvements if said improvements and phasing are approved by CDOT and explicitly described in site plan notes.”
11. Add conditional note specifying “All public roadway improvements will be subject to the standards and criteria of CDOT and NCDOT, as applicable, to the roadway improvements within their respective road system authority. It is understood that such improvements may be undertaken by the Petitioner on its own or in conjunction with other development or roadway projects taking place within the broad north western Mecklenburg area, by way of a private/public partnership effort or other public sector project support.”
12. Revise site plan and conditional note(s) to construct 8-foot planting strips and multi-use paths on Oakdale Road and Mt Holly-Huntersville Road. The site plan shall label and dimension both items from the back of curb and gutter or edge of pavement. Add conditional note The entire facility must be outside of the right of way and within a public access easement. Add conditional note committing to construction and maintenance of the multi-use paths on both State Roads.

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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, per the City Charlotte Unified Development Ordinance.
2. Adequate sight triangles must be reserved at the existing/proposed street entrance(s). Two 50' x 50' 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 of Charlotte Unified Development Ordinance regulations.
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. To obtain a street and pedestrian lighting recommendation, the petitioner should visit the following link: <https://charlottenc.gov/Transportation/Programs/Pages/StreetLighting.aspx>