

Rezoning Transportation Analysis
Petition Number: Insert Zoning Petition # 2021-031
General Location Identifier: Tax ID 15503211

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Revision Log:

Date	Description
03-25-2021	First Review (WB)

General Review Information

The petition is located adjacent to South Laurel Avenue, a City-maintained minor thoroughfare, 120 feet east of Willoughby Street, a local road. The petition is in the South Wedge inside Route 4. Applicable area plans include the Elizabeth Area Plan.

Active Projects Near the Site:

- N/A

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 on a City-maintained minor thoroughfare (South Laurel Avenue). Trip generation for this site will increase from 10 vehicle trips per day to 20 as it is a small site project. Site plan revisions are needed to meet ordinance requirements and/or the outstanding items including, but not limited to, dedicating a 30' right-of-way from the road centerline and constructing a 6-foot sidewalk with an 8-foot planting strip per Chapter 19 of the City's Ordinance. Further details are listed below.

Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Single Family	1	10	Tax Record
Entitlement with Current Zoning	Single Family (R-5 0.23 acres)	1	10	General Guidance from Planning
Proposed Zoning	Single Family	2	20	Site Plan: 1-13-2021

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Provide comments to the specified comments below.

Outstanding Issues

Strikethrough = Resolved

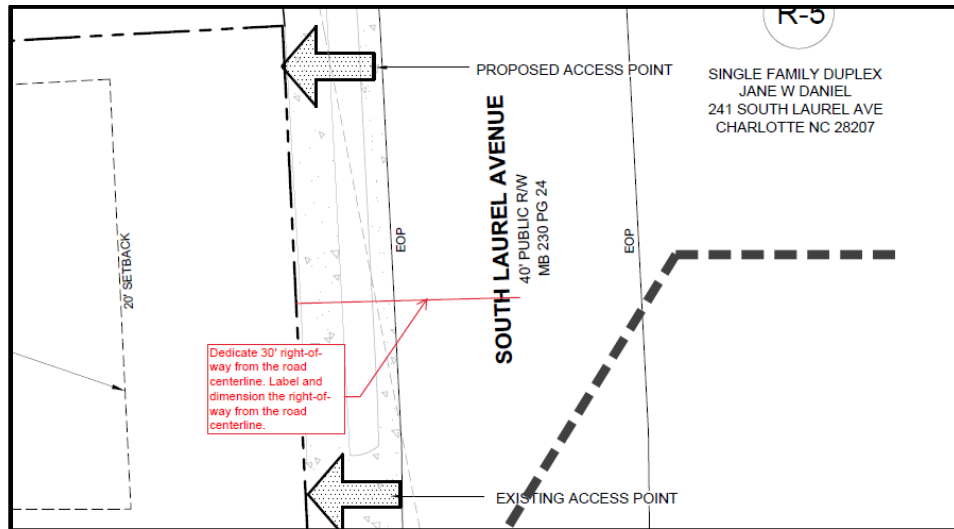
1. **Curbline:** The proposed zoning district has a setback measured from back of the existing or proposed future curbline.
 - a. **South Laurel Avenue:** The future location of curb and gutter is in its existing location.

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

2. **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.

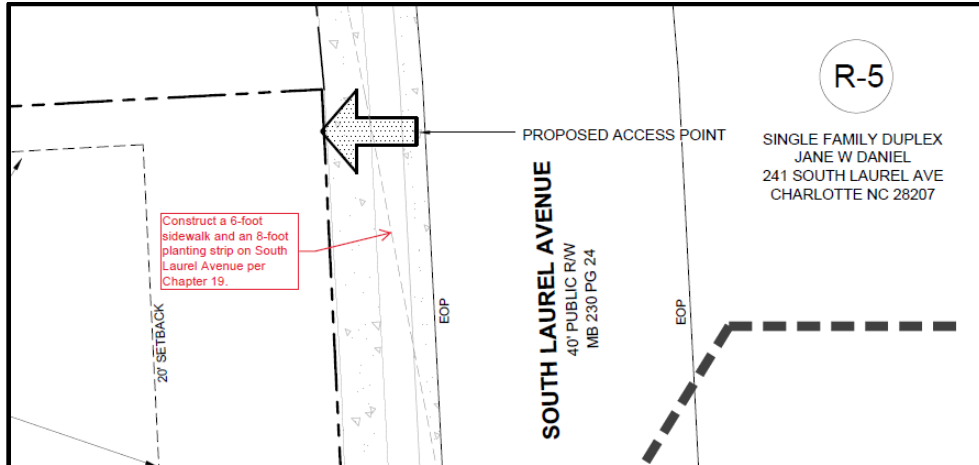
3. Revise site plan and conditional notes to commit to dedicate 30' right-of-way from the road centerline. The site plan shall label and dimension the right-of-way from the road centerline.



4. Revise site plan and conditional notes to commit to construct a 6-foot sidewalk and an 8-foot planting strip on South Laurel Avenue per Chapter 19. The site plan shall label and dimension both items from the back of curb and gutter and road centerline.

Reference CLDSM standard detail 11.09 for street typical.

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5. There are existing and proposed driveway access points along South Laurel Avenue. Please show the minimum distance between the two site access points on South Laurel Avenue.
6. Add a site plan 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 is needed. CDOT requests rights-of-way set at 2' behind back of sidewalk where feasible.

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.

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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>