



Planning, Development and Transportation

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DATE: 02.27.2019
TO: ProTrak
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Traffic Engineering

■ **BIRCHWOOD DRIVE ACCESS PLAN [TRC Plan Review]**

↻ Initial Review Note ↻

All comments are based on adopted policy documents, specific City of Wilmington Land Development Code (CofW LDC) and City of Wilmington Technical Standards and Specifications Manual (CofWTSSM) requirements in effect at the time of this review. These have been noted after the comment as appropriate for your ease in further research.

The City Engineer may administratively approve dimensional variance requests per LDC Sec. 18-348. If the Applicant feels further interpretation is in order, please contact Transportation Planning directly to discuss in additional detail. Please apply for all administrative variances in writing, an email is acceptable or this may be included on the plan set. Please see Sec. 18-348 of the Land Development Code for the information required to process a variance request.



BASE INFORMATION:

- Revise relevant sheets to accurately illustrate the existing conditions on and surrounding this parcel. Show all adjacent traffic signs, lane configurations, traffic control devices and pavement markings for the Birchwood Dr/Market St on the site plan. Please refer to the Technical Standards and Specifications Manual (link is below) Ch. VII C.1.a.2. for specific information and distance requirements. Contact Traffic Engineering at 341-7888 if you need assistance locating these elements.
<https://www.wilmingtonnc.gov/home/showdocument?id=1910>
- Please show the existing ramps, warning domes or any missing details for the intersection of the proposed driveway with Birchwood Dr.

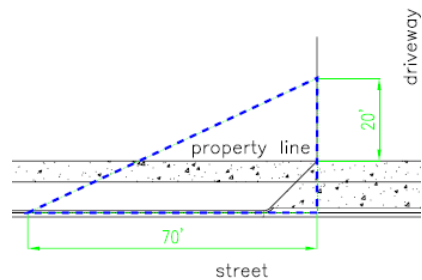
NCDOT:

It is the Applicant's responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact NCDOT at 910-398-9100. Please note additional comments may be forthcoming once coordination occurs.

TECHNICAL STANDARDS – ACCESS (driveway, sidewalk, and sight distance):

1. The driveway curb return must be at least 6.5' from intersecting property lines. [Chapter VII, C, Table 4 CofWTSSM]. A variance may be required.
2. Dimension driveway width at the property line. [Sec.18-530 CofW LDC]
3. The minimum two-lane driveway width is 23'. [7-9 CofW Tech Stds] and the maximum two-lane driveway width is 30'.

4. The City Engineer may approve driveway widths more than 30 feet where it is deemed necessary for safe movements of a large number of large vehicles [Chapter VII, C (b) (3) CofWTSSM].
5. Site plan is showing a stop bar installed. A stop sign shall also be installed at the driveway [MUTCD].
6. 'No left turn' movement prohibitory sign shall be installed in conjunction with the STOP sign or on the near right-hand corner if there is no median/island at the driveway [MUTCD].
7. Consider marking the crosswalk based on the long pedestrian crossing distance without a median refuge island at the driveway off Birchwood Dr.
8. Please verify the location of the traffic signs used for the private driveway. Signs shall not be installed in the public right-of-way when the signs being installed are intended to function as traffic control for a private driveway [Figure 1.4, Figure 2.1, Sec 1 A (18) CofW Sign Specification]
9. Show and apply the City's 20'x70' sight distance triangle at the driveway on the site plan. [Sec.18-529(c) (3) CofW LDC].



MISCELLANEOUS:

- ❖ Contact Traffic Engineering at (910) 341-7888 to discuss street lighting options.
- ❖ We will reserve comments on the driveway geometry and other technical issues until a full construction drawing is submitted.

Please let me know if you have any questions or if I can be of further assistance as this development moves through the review process.