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DATE: 12.05.2017
TO: ProTrak
FROM: Bill McDow
 Transportation Planning

■ **DOLLAR GENERAL CAROLINA BEACH ROAD [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.

TRAFFIC IMPACT:

- ❖ The project has divided the site into two sections, a) The Dollar General Store and b) Future Development. Please submit a Trip Generation Estimate for these two Land Uses. If the new trip generation counts exceed 100 new trips in the AM Peak or PM Peak Hour, a TIA may be required.
- ❖ The Trip Generation should be submitted using a similar format to the following:
 Per the Institute of Transportation Engineers (ite) Trip Generation 9th Edition, 2012, Microtrans trip Generation Software; the estimated Trip Generation for the proposed **LIST PROPOSED USE + INTENSITY** (ite land use code xxx) is xx total driveway volume in the AM peak hours, xx total driveway volume in the PM peak hours and xx average weekday 2-way driveway volume.

NCDOT:

Show any NCDOT Traffic Improvement Projects (TIP) scheduled along the frontage of this site. If the project changes the street cross section or installs medians or other infrastructure adjacent to this site, coordination with NCDOT will be required. Please note that additional comments may be forthcoming after the coordination occurs.

TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):

1. Traffic Engineering’s stance on sites that interconnect along a major thoroughfare is that the combined frontage must meet all driveway spacing requirements per the City’s technical standards.
2. Maximum allowed driveways along major thoroughfares is 1/600 lf of continuous frontage plus 1/every 300 additional lf or portion thereof as measured at the property line. [7-13 #b CofW Tech Stds] Additional Driveways along the Carolina Beach Road frontage must be closed. The asphalt driveway on

the NW side of the 31' access easement must be closed. Show the removal of the existing driveway apron and the restoration of the curb and gutter to match NCDOT standard C&G for these areas.

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

3. The maximum two-lane driveway width is 30'. [7-9 CofW Tech Stds] Please reduce the width of this driveway to meet the maximum two-lane driveway width to 30'. If additional driveway width is requested, auto turns movements will be required to document this request.
4. The property frontage for this project is over 325' wide, however, sidewalk is only shown on approximately 180' of the frontage. Show sidewalk along the entire length of the property.
5. Show all adjacent traffic signs and pavement markings on the plan. [Sec. 18-529(b)(2) CofW LDC]
6. Show any traffic signal facilities and equipment in front of the development. Contact Traffic Engineering at 341-7888 for help in identifying these.
7. The sidewalk behind the building does not meet technical standards. Sidewalks are to be a minimum of 5' width for commercial properties.
8. The proposed Business Sign appears to be located within the 20'X70' sight distance triangle for the access easement. Please move the sign location away from the SDT.

TECHNICAL STANDARDS – PARKING:

9. An approved dumpster enclosure will be required for the double dumpster location. Please show the dumpster enclosure on the site plan.
10. City Standard Curb and gutter is 24". The site plan shows 18" curb and gutter. Please verify with Engineering that the reduced curb type is acceptable. [Standard Detail, SD 3-11 CofW Tech Stds]
11. The standard wheel stop has a 4" height. Please consider changing the proposed wheel stops and details to 4" wheel stops.
12. The site shows a connecting 30' access easement. Please show details for this access easement, such as the surface material, any temporary barricades/ signs at the connection, curb and gutter, etc.
13. The site plan does not show the location of proposed landscaping and street trees for this site.

TECHNICAL STANDARDS – Barrier Free Design:

14. The site plans and site details show metal bollards within the handicap ramp. The handicap ramp must meet the standard detail for handicap ramps. [Standard Detail, SD 3-08 CofW Tech Stds].

GENERAL NOTES TO ADD TO THE PLAN:

- A. A sign shall be placed at the western access easement boundary indicating that the future connection will be opened when the property to the west develops. Please note this on the site plan.

MISCELLANEOUS:

- ❖ Transportation Planning Staff will review the landscape plan once submitted for compliance with sight distance requirements.

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.