Charlotte Department of Transportation
Memorandum

Date: July 29, 2015

To: Tammie Keplinger
Charlotte-Mecklenburg Planning Department

From: Michael A. Davis, PE
Development Services Division

Subject: Rezoning Petition 15-093: Approximately 2.9 acres located on the south side of Drexel Place and north side of Woodlawn Road near the intersection of Park Road and Drexel Place and Park Road and Woodlawn Road.

CDOT has completed a review of the subject petition in order to ensure consistency with the Transportation Action Plan (TAP). The TAP seeks to ensure that Charlotte'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. Based on our review of the petition, we offer the following comments.

Vehicle Trip Generation
This site could generate approximately 400 trips per day as currently zoned. Under the proposed zoning the site could generate approximately 1,760 trips per day. The petitioner is conducting a transportation analysis of this rezoning. CDOT will have additional comments following our review of this analysis.

CDOT requests the following changes to the rezoning plan:

1. Improvements will be needed to Woodlawn that include a left-turn lane to serve the development, in conjunction with pedestrian refuge and a curbline that is consistent with the adopted area plan.

The following are requirements of the developer that must be satisfied prior to driveway permit approval. We recommend that the petitioner reflect these on the rezoning plan as-appropriate.

1. According to the City of Charlotte's Driveway Regulations, 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. CDOT has determined that a left-turn lane is necessary to serve the traffic using the proposed public street/private driveway connection for this site. The engineering design and construction of the left-turn lane is the responsibility of the owner, and shall be performed by a professional engineer registered in the State of North Carolina who has roadway-design experience. CDOT will only approve the proposed public street/private driveway connection(s) provided that a left-turn lane is constructed on Woodlawn. We recommend the rezoning plan reflect the design of

this required left-turn lane prior to submittal/approval of the public street/private driveway connection(s). The left-turn lane needs to be designed using NCDOT standards with a minimum 150 feet of storage. This roadway improvement is required to meet the traffic demands of the proposed development.

2. The proposed driveway connection to Woodlawn will require a driveway permit to be submitted to CDOT and the North Carolina Department of Transportation 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.

3. Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.

4. 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 the construction/installation of the non-standard item(s). Contact CDOT for additional information concerning cost, submittal, and liability insurance coverage requirements.

If we can be of further assistance, please advise.