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R2-19-005
MAR 21 2019

City of Johns Creek
Planning & Zoning

March 20, 2019

Yang Chen
City of Johns Creek
10700 Abbotts Bridge Road
Johns Creek, GA 30097

RE: Proposed Discount Tire
5805 State Bridge Road
Peak Hour Trip Generation
BDG Project No. 18-164
Updated Analysis for 0.97 acre parcel

Dear Yang,

Discount Tire Company, Inc., is proposing to build a new 8,192 s.f. commercial building to replace underutilized parking spaces on approximately 0.97 acres located within the Medlock Corners shopping center. This location is mid-block along State Bridge Road with the most likely points of access located at the traffic signal for the shopping center or the traffic signal at Camden Way.

Discount Tire is a retail tire store. They perform no automotive repair services. The Institute of Transportation Engineers (ITE), provides peak hour trip generation rates based on common uses and is the basis for anticipated traffic impacts for study purposes. Discount Tire most appropriately fits under ITE code 848 – Tire Store.

Predicted Trip Generation for Discount Tire

ITE Land Use	ITE Code	ITE Peak Hour Rate (per 1,000 SF)	ITE % Pass by trips	Building Area (SF)	New Peak Hour Trips	In	Out
Tire Store	848	4.15	28%	8,192	25	10	15

Daily trip generation (per 1,000 SF)	Daily Trips
12.37	101

The daily trips noted above is one way and corresponds well to an average daily transaction per store of 97 transactions/day. The amount of new trips during the peak hour is less than 100 and does not meet the threshold as designated by the City of Johns Creek to require a traffic impact study.

Sincerely,

Kelly J. Wagoner, P.E.