

A&R Engineering Inc.

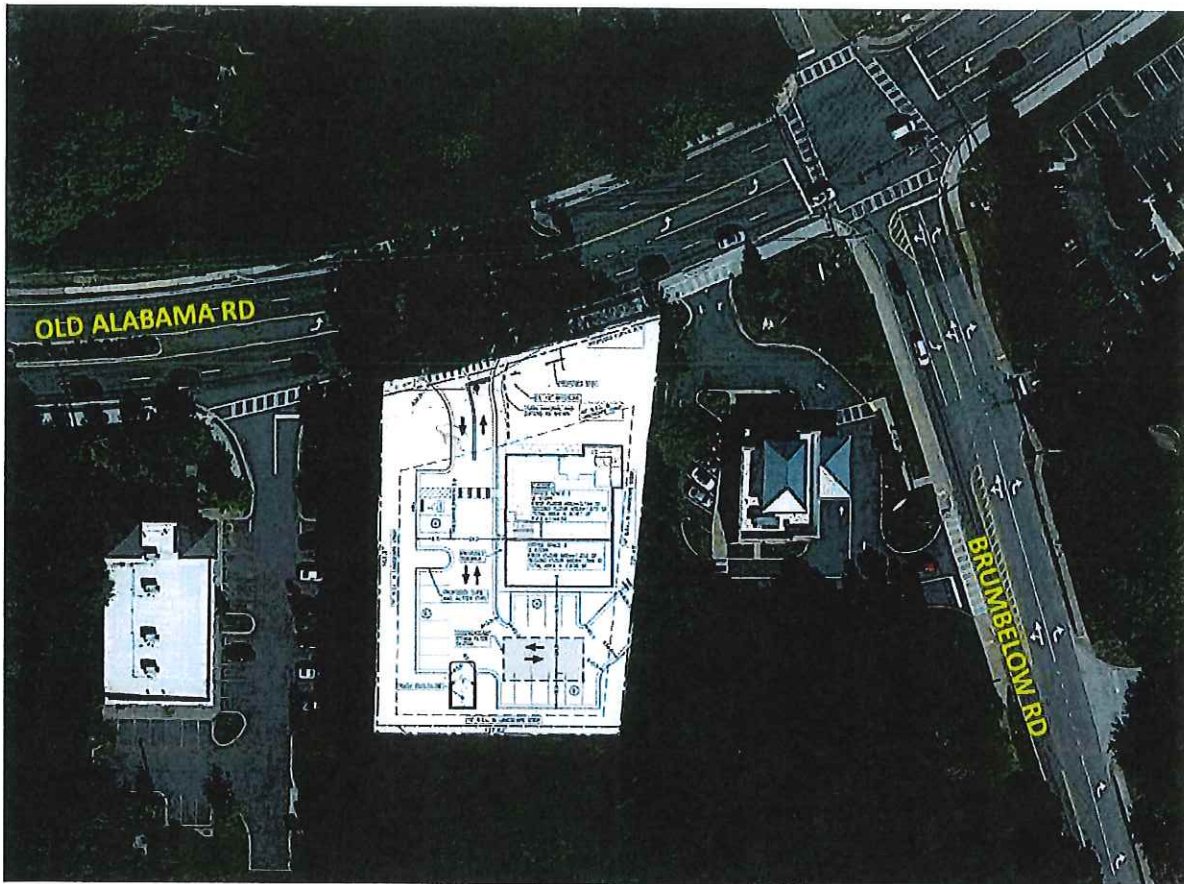
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Memorandum

To: Brian Cole, BC Engineering Inc.
From: Abdul Amer, PE.
Date: November 5th, 2020
Subject: Trip Generation Memorandum for Proposed Office Building at Old Alabama Road, City of Johns Creek, Georgia.

The purpose of this memorandum is to estimate the trip generation that will result from the proposed 7,003 sf Office Building located at the southwest corner of the intersection of Old Alabama Road at Brumbelow Road in City of Johns Creek, Georgia.



METHODOLOGY

Trip generation estimates for the project were based on the rates and equations published in the 10th edition of the Institute of Transportation Engineers (ITE) Trip Generation Manual. This reference contains traffic volume count data collected at similar facilities nationwide. The trip generation referenced is based on the following ITE Land Use: 712-Small Office Building.

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TRIP GENERATION

The results of the analysis for the proposed development are shown in Table 1, below.

Table 1 – Trip Generation									
Land Use	Size	AM Peak Hour			PM Peak Hour			24 Hour	
		Enter	Exit	Total	Enter	Exit	Total	Enter	Exit
ITE 712– Small Office Building	7,003 sf	11	2	13	5	12	17	56	57

As shown above, the planned office building will generate 56 trips entering and 57 trips the development during a 24-hour period. During the AM peak hour, which occurs between 7:00 AM and 9:00 AM, it is projected that 11 cars will enter, and 2 cars will exit the office building. During the PM peak hour, which occurs between 4:00 PM and 6:00 PM, 5 cars will enter, and 12 cars will exist the office buildings.

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