



2450 Commerce Avenue | Suite 100
Duluth, GA 30096-8910
770.263.5945 | F 770.263.0166
oneatlas.com

February 16, 2024

Mr. John Jamont
Jamont Homes and Communities
9675 Brumbelow Road
Johns Creek, GA 30022

Subject: Trip Generation Report for Property at 9675 Brumbelow Road, Johns Creek, GA

Dear Brian:

Thank you for allowing Atlas Technical Consultants LLC (Atlas) to perform the trip generation and sight distance evaluation for the subject location. The attached memorandum summarizes the findings. Please feel free to give me a call at 678.713.8349 or email me at robinson.nicol@oneatlas.com if you have any questions or concerns.

Atlas is thankful for the opportunity to provide review and looks forward to working together in the future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Robinson Nicol". The signature is fluid and cursive.

Robinson Nicol, PE, PTOE
Lead Traffic Engineer

**Received
August 6, 2024
RZ-24-0008 &
VC-24-0007
Planning & Zoning**



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Memorandum

To: John Jamont, Jamont Homes and Communities
From: Robinson Nicol, PE, PTOE
Date: February 16, 2024
Subject: Trip Generation Memorandum for Proposed Residential Development at 9675 Brumbelow Road, Johns Creek, GA

The purpose of this memorandum is to estimate the trip generation that is expected to result from the proposed two lot residential development with the Parcel ID of 12 318009250292 located at 9675 Brumbelow Road in the City of Johns Creek, Georgia. The sight distance was investigated and a profile was created for the subject location. The attached drawing documents the findings. Intersection and stopping sight distance for all approaches are adequate and in compliance with current AASHTO Standards.





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Methodology

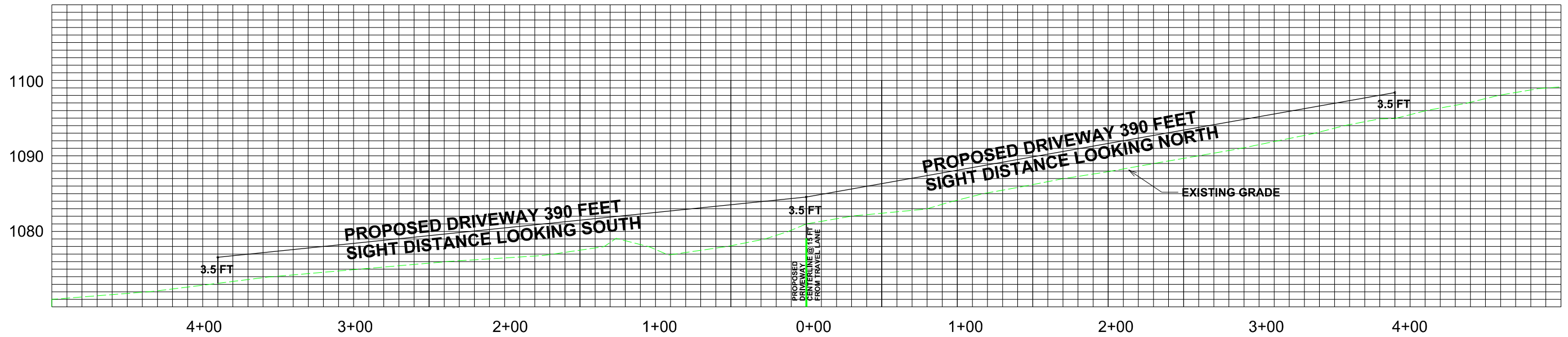
Trip Generation estimates for the project were based on the rates and equations published in the 11th edition of the Institute of Transportation Engineers (ITE) Trip Generation Manual. This reference contains traffic volume count data collected at similar facilities nationwide. The trip generation referenced is based on the following ITE Land Use: *210- Single Family Detached Housing*.

Trip Generation

The results of the analysis for the proposed development are showing 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	Two-way
ITE 210 – Single Family Detached Housing	2 lots	2	7	9	2	1	3	28

As shown in the above table, the two-lot residential development under *Land Use 210: Single Family Detached Housing* is expected to generate 28 total trips (entering and exiting) in a 24-hour period. During the AM Peak Hour, which occurs between 7:00 AM and 9:00 AM, 2 cars are expected to enter, and 7 cars are expected to exit. During the PM Peak Hour, which occurs between 4:00 PM and 6:00 PM, 2 cars are expected to enter, and 1 car is expected to exit.



9675 BRUMBELOW ROAD
SIGHT DISTANCE PROFILE

