

## Jones Bridge Rd Crossfit Alpharetta, GA – Trip Generation Memo April 1, 2022

This memo is a summary of the trips generated from a proposed crossfit development with the proposed change in zoning.

### Project Description

A 7,651 square foot crossfit development is proposed to be built at 11105 Jones Bridge Rd in Alpharetta, GA. It is anticipated to be connected to the existing parking lot of Imagix Dental and be connected to the external roadway of Jones Bridge Rd at the existing driveway for Discovery Point.

**Figure 1: Site Aerial**



### Trip Generation and Distribution

A trip generation for the proposed development was created using the Institute of Traffic Engineers (ITE) Trip Generation Manual 10<sup>th</sup> Edition, 2017. A summary of the trip generation can be found below in Table 1.

**Table 1: Trip Generation Summary**

| Land Use Information               | Project Trips |         |          | Equation Used <sup>1</sup> | In / Out Distribution |
|------------------------------------|---------------|---------|----------|----------------------------|-----------------------|
|                                    | Total         | Inbound | Outbound |                            |                       |
| <b>492 - Health / Fitness Club</b> |               |         |          |                            | <b>7,651</b>          |
| Daily                              | 252           | 126     | 126      | T = 32.93(X) (9th Ed.)     | 50% / 50%             |
| AM Peak Hour                       | 10            | 5       | 5        | T = 1.31(X)                | 51% / 49%             |
| PM Peak Hour                       | 45            | 26      | 19       | Ln(T) = 0.67Ln(X) + 2.44   | 57% / 43%             |

The proposed development is anticipated to generate 252 daily vehicle trips (126 inbound, 126 outbound) with 10 AM peak hour vehicle trips (5 inbound, 5 outbound), and 45 PM peak hour trips (26 inbound, 19 outbound)