

Parsons Road Tract: Project Trip Generation

Project traffic, for the purposes of this evaluation, is defined as the vehicle trips expected to be generated by the proposed development. Anticipated trip generation for the *Parsons Road Tract* development was calculated using rates and equations contained in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 10th Edition, 2017.

The *Parsons Road Tract* development consists of a maximum of 37 single-family homes. The projected trips for the *Parsons Road Tract* development were generated by the following land use: Single-Family Detached Housing (ITE Code 210).

The density and the anticipated project trip generation are summarized in **Table 1**.

Table 1: Trip Generation											
Land Use	Density	ITE Code	Daily Traffic			AM Peak Hour			PM Peak Hour		
			Total	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit
Single-Family Detached Housing	37 units	210	418	209	209	31	8	23	39	25	14

Note: No reductions for alternative transportation modes (walking, cycling, transit, carpooling, etc.) and mixed-use were taken.

As shown in **Table 1**, the proposed single-family land use is projected to generate approximately 418 daily trips (209 in; 209 out), 31 AM peak hour trips, and 39 PM peak hour Trips.

Attachments:

- Trip Generation Analysis

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**Trip Generation Analysis
Parsons Road Tract
Johns Creek, Fulton County, Georgia**

Land Use	Intensity	Daily Trips	AM Peak Hour			PM Peak Hour		
			Total	In	Out	Total	In	Out
Proposed Site Traffic								
210 Single-Family Detached Housing	37 d.u.	418	31	8	23	39	25	14
Gross Trips		418	31	8	23	39	25	14

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