

20-0199-TMP1
190 Octane FT Partners,
LLC

SWC Dorrell Lane & Puli Road

Proposed 215 unit single family residential development.

Traffic produced by proposed development:

Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	SINGLE FAMILY DETACHED [DU]	215	12.38	2,661
AM Peak Hour			0.74	159
PM Peak Hour			0.99	213

Existing traffic on all nearby streets:

Dorrell Lane

Average Daily Traffic (ADT)	3,138
PM Peak Hour	251
<i>(heaviest 60 minutes)</i>	

Shaumber Road

Average Daily Traffic (ADT)	8,688
PM Peak Hour	695
<i>(heaviest 60 minutes)</i>	

Traffic Capacity of adjacent streets:

	Adjacent street ADT Capacity
Dorrell Lane	35,490
Shaumber Road	35,490

This project will add approximately 2,661 trips per day on Puli Dr., Dorrell Ln. and Shaumber Rd. Currently, Dorrell is at about 9 percent of capacity and Shaumber is at about 24 percent of capacity. With this project, Dorrell is expected to be at about 16 percent of capacity and Shaumber to be at about 32 percent of capacity. Puli does not currently exist adjacent to this project, but it is expected to be under capacity.

Based on Peak Hour use, this development will add into the area roughly 213 additional cars, or about seven every two minutes.

Note that this report assumes all traffic from this development uses all named streets.