

23-0427-SDR1

Kiddie Academy

SWC Craig Road and Jones Boulevard

Proposed 11.385 thousand square foot day care facility.

Traffic produced by proposed development:

Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	DAY CARE CENTER [1000 SF]	11.385	47.62	542
AM Peak Hour			11.00	125
PM Peak Hour			11.12	127

(heaviest 60 minutes)

Existing traffic on all nearby streets:

Craig Road

Average Daily Traffic (ADT)	35,461
PM Peak Hour	2,837

(heaviest 60 minutes)

Jones Boulevard

Average Daily Traffic (ADT)	19,454
PM Peak Hour	1,556

(heaviest 60 minutes)

Traffic Capacity of adjacent streets:

	Adjacent street ADT Capacity
Craig Road	59,900
Jones Boulevard	41,790

This project is expected to add an additional 542 trips per day on Craig Rd. and Jones Blvd. Currently, Craig is at about 59 percent of capacity and Jones is at about 47 percent of capacity. With this project, Craig is expected to be at about 60 percent of capacity and Jones to be at about 48 percent of capacity.

Based on Peak Hour use, this development will add into the area roughly 127 additional peak hour trip, or about two every minute.

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