

22-0226-SDR1  
Church of God (Seventh Day) English

3523 N Jones Boulevard

Proposed 10.42 thousand square foot new church building replacing a single family house.

Traffic produced by proposed development:

Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	CHURCH [1000 SF]	10.42	6.95	72
PM Peak Hour			0.49	5
Sunday Peak Hour			9.99	104

(heaviest 60 minutes)

Existing Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	SINGLE FAMILY DETACHED [DU]	1	9.44	9
PM Peak Hour			0.99	1
Sunday Peak Hour			0.85	1

(heaviest 60 minutes)

Net Change	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	NET CHANGE			63
PM Peak Hour				4
Sunday Peak Hour				103

(heaviest 60 minutes)

Existing traffic on all nearby streets:

Jones Boulevard

Average Daily Traffic (ADT)	8,939
PM Peak Hour	715

(heaviest 60 minutes)

Gowan Road

Average Daily Traffic (ADT)	4,476
PM Peak Hour	358

(heaviest 60 minutes)

**Traffic Capacity of adjacent streets:**

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	Adjacent street ADT Capacity
Jones Boulevard	33,800
Gowan Road	16,380

This project is expected to add an additional 63 trips per day on Jones Blvd. and Gowan Rd. Currently, Jones is at about 26 percent of capacity and Gowan is at about 27 percent of capacity. With this project, Jones is expected to be at about 27 percent of capacity and Gowan to be at about 28 percent of capacity.

Based on Peak Hour use, this development will add into the area roughly 103 additional peak hour trips on Sunday, or about seven every four minutes.

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