

5640 N Rainbow Boulevard

Proposed 3.9 thousand square foot tavern replacing a single family dwelling.

Traffic produced by proposed development:

Existing Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	SINGLE FAMILY DETACHED [DU]	1.000	9.44	9
AM Peak Hour			0.74	1
PM Peak Hour			0.99	1

Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	HIGH-TURNOVER (SIT-DWN) RESTRNT [1000 SF]	3.900	112.18	437
AM Peak Hour			9.94	39
PM Peak Hour			9.77	38

Net Change	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	NET CHANGE			428
AM Peak Hour				38
PM Peak Hour				37

Existing traffic on all nearby streets:

Rainbow Boulevard

Average Daily Traffic (ADT)	6,504
PM Peak Hour	520
(heaviest 60 minutes)	

Ann Road

Average Daily Traffic (ADT)	29,379
PM Peak Hour	2,350
(heaviest 60 minutes)	

Traffic Capacity of adjacent streets:

	Adjacent street ADT Capacity
Rainbow Boulevard	29,085
Ann Road	59,900

This project will add approximately 428 trips per day on Rainbow Blvd and Ann Rd. Currently, Rainbow is at about 22 percent of capacity and Ann is at about 49 percent of capacity. With this project, Rainbow is expected to be at 24 percent of capacity and Ann to be at about 50 percent of capacity.

Based on Peak Hour use, this expansion will add into the area roughly 38 additional peak hour trips, or about two every three minutes.

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