

SWC Grand Teton Drive and Hualapai Way

Proposed 5.9 thousand square foot convenience store with fuel sales and car wash.

Traffic produced by proposed development:

Proposed Use	DESCRIPTION	#UNIT	RATE/ UNIT	TOTAL
Average Daily Traffic (ADT)	SUPER CONVENIENCE MARKET/GAS STATION [1000 SF]	5.900	837.58	4,942
AM Peak Hour			83.14	491
PM Peak Hour			69.28	409

(heaviest 60 minutes)

Existing traffic on all nearby streets:

Grand Teton Drive

Average Daily Traffic (ADT)	4,577
PM Peak Hour	366

(heaviest 60 minutes)

Hualapai Way

Average Daily Traffic (ADT)	4,857
PM Peak Hour	389

(heaviest 60 minutes)

Traffic Capacity of adjacent streets:

	Adjacent street ADT Capacity
Grand Teton Drive	53,445
Hualapai Way	53,445

This project is expected to add an additional 4,942 trips per day on Grand Teton Dr. and Hualapai Wy. Currently, Grand Teton is at about 9 percent of capacity and Hualapai is also at about 9 percent of capacity. With this project, both streets are expected to be at about 18 percent of capacity.

Based on Peak Hour use, this development will add into the area roughly 491 additional peak hour trips, or about eight every minute.

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