

NEC Charleston Boulevard and Antelope Way

Proposed 3.436 thousand square foot convenience store with gas sales replacing a 2.16 thousand square foot convenience store.

Traffic produced by proposed development:

Existing Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	CONVENIENCE MARKET [1000 SF]	2.160	762.28	1,647
AM Peak Hour			62.54	135
PM Peak Hour			49.11	106

Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	CONVENIENCE MARKET W/GAS [1000 SF]	3.436	624.20	2,145
AM Peak Hour			40.59	139
PM Peak Hour			49.29	169

Net Change	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	TOTAL	5.596		498
AM Peak Hour				4
PM Peak Hour				63

Existing traffic on all nearby streets:

Charleston Boulevard

Average Daily Traffic (ADT)	37,135
PM Peak Hour	2,971
<i>(heaviest 60 minutes)</i>	

Antelope Way

Average Daily Traffic (ADT)	3,675
PM Peak Hour	294
<i>(heaviest 60 minutes)</i>	

**Traffic Capacity of adjacent streets:**

	Adjacent street ADT
	Capacity
Charleston Boulevard	59,900
Antelope Way	15,990

This project will add approximately 498 trips per day on Charleston Blvd. and Antelope Wy. Currently, Charleston is at about 62 percent of capacity and Antelope is at about 23 percent of capacity. With this project, Charleston is expected to be at about 63 percent of capacity and Antelope to be at about 26 percent of capacity.

Based on Peak Hour use, this development will add about 63 vehicles in the peak hour, or about one every minute.

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