

## NWC Isaac Newton Way and Metro Academy Way

Proposed 66 lot residential subdivision.

### Traffic produced by proposed development:

Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	SINGLE FAMILY DETACHED [DU]	66	9.43	<b>622</b>
AM Peak Hour			0.70	<b>46</b>
PM Peak Hour			0.94	<b>62</b>

(heaviest 60 minutes)

### Existing traffic on all nearby streets:

#### Cheyenne Avenue

Average Daily Traffic (ADT)	23,620
PM Peak Hour	1,890

(heaviest 60 minutes)

#### Hualapai Way

Average Daily Traffic (ADT)	4,882
PM Peak Hour	391

(heaviest 60 minutes)

### Traffic Capacity of adjacent streets:

	Adjacent street ADT Capacity
Cheyenne Avenue	59,900
Hualapai Way	35,490

This project is expected to add an additional 622 trips per day on Isaac Newton Wy., Metro Academy Wy., Cheyenne Ave. and Hualapai Wy. Currently, Cheyenne is at about 39 percent of capacity and Hualapai is at about 14 percent of capacity. With this project, Cheyenne is expected to be at about 40 percent of capacity and Hualapai to be at about 16 percent of capacity. Counts are not available for Isaac Newton or Metro Academy, but they are believed to be under capacity.

Based on Peak Hour use, this development will add into the area roughly 62 additional peak hour trip, or about one every minute.

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