

22-0417-SDR1

Umer Malik

## SEC Centennial Parkway and Shaumber Road

Proposed commercial development with a 4 thousand square foot convenience store and a 10 thousand square foot office building with a drive-in bank.

### Traffic produced by proposed development:

First Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	SUPER CONVENIENCE MARKET/GAS STATION [1000 SF]	4.000	837.58	3,350
AM Peak Hour			83.14	332
PM Peak Hour			69.28	277

Second Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	DRIVE-IN BANK [1000 SF]	2.500	100.02	250
AM Peak Hour			9.50	24
PM Peak Hour			20.45	51

Second Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	GENERAL OFFICE BUILDING [1000 SF]	7.500	9.74	73
AM Peak Hour			1.16	9
PM Peak Hour			1.15	9

Total	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	TOTAL			3,673
AM Peak Hour				365
PM Peak Hour				337

### Existing traffic on all nearby streets:

#### Centennial Parkway

Average Daily Traffic (ADT)	3,796
PM Peak Hour	304
(heaviest 60 minutes)	

#### Shaumber Road

Average Daily Traffic (ADT)	8,340
PM Peak Hour	667
(heaviest 60 minutes)	

**Traffic Capacity of adjacent streets:**

	Adjacent street ADT
	Capacity
Centennial Parkway	35,490
Shaumber Road	35,490

This project will add approximately 3,673 trips per day on Centennial Pkwy. and Shaumber Rd. Currently, Centennial is at about 11 percent of capacity and Shaumber is at about 23 percent of capacity. With this project, Centennial is expected to be at about 21 percent of capacity and Shaumber to be at about 34 percent of capacity.

Based on Peak Hour use, this development will add about 365 vehicles in the peak hour, or about six every minute.

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