

7351 W Alexander Road

Proposed addition of 24 pickleball courts to an existing park.

Traffic produced by proposed development:

Proposed Use	DESCRIPTION	#UNIT	RATE/# UNIT	TOTAL
Average Daily Traffic (ADT)	TENNIS COURTS [COURTS]	24	52.625	1,263
AM Peak Hour			0.00	0
PM Peak Hour			4.21	101

(heaviest 60 minutes)

Existing traffic on all nearby streets:

Alexander Road

Average Daily Traffic (ADT)	9,090
PM Peak Hour	727

(heaviest 60 minutes)

Buffalo Drive

Average Daily Traffic (ADT)	12,650
PM Peak Hour	1,012

(heaviest 60 minutes)

Traffic Capacity of adjacent streets:

	Adjacent street ADT Capacity
Alexander Road	35,490
Buffalo Drive	59,900

This project is expected to add an additional 1,263 trips per day on Alexander Rd. and Buffalo Dr. Currently, Alexander is at about 26 percent of capacity and Buffalo is at about 21 percent of capacity. With this project, Alexander is expected to be at about 29 percent of capacity and Buffalo to be at about 23 percent of capacity.

Based on Peak Hour use, this development will add into the area roughly 101 additional peak hour trip, or about three every two minutes.

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