





SDR 24253				
Sheldon Paul				
<b>NWC Alexander Rd. &amp; Grand Canyon Dr.</b>				
Proposed 9-lot single family residential subdivision.				
<b>Traffic produced by proposed development:</b>				
<b>New Use</b>	<b>DESCRIPTION</b>	<b>#UNIT</b>	<b>RATE/# UNIT</b>	<b>TOTAL</b>
Average Daily Traffic (ADT)	SINGLE FAMILY DETACHED [DWELL]	9	9.57	86
AM Peak Hour			0.75	7
PM Peak Hour			1.01	9
<i>(heaviest 60 minutes)</i>				
<b>Existing traffic on all nearby streets:</b>				
<b>Grand Canyon Dr.</b>				
Average Daily Traffic (ADT)	1,722			
PM Peak Hour	138			
<i>(heaviest 60 minutes)</i>				
<b>Alexander Rd.</b>				
Average Daily Traffic (ADT)	4,989			
PM Peak Hour	399			
<i>(heaviest 60 minutes)</i>				
<b>Traffic Capacity of adjacent streets:</b>				
	Adjacent street ADT			
	Capacity			
Grand Canyon Dr.	16200			
Alexander Rd.	32585			
This project will add approximately 86 trips per day on Grand Canyon Dr. and Alexander Rd. This will increase expected volumes by about 5 percent on Grand Canyon and by about 2 percent on Alexander. Grand Canyon is at about 11 percent of capacity and Alexander is at about 15 percent of capacity.				
Based on Peak Hour use, this development will add roughly 9 additional cars into the area; which works out to about 1 every 7 minutes.				
Note that this report assumes all traffic from this development uses all named streets.				