



TOWN OF JUPITER

ENGINEERING

Jupiter Gardens Blvd. Cut-through Traffic Study · May 11, 2017

On Thursday, May 11, 2017, the Town of Jupiter conducted a traffic study in response to residents' questions and concerns about the volume of cut-through traffic in the areas in and around the Kennedy Estates neighborhood. The study's intent was to confirm the volume of cut-through traffic (traffic cutting through the neighborhood to avoid the intersection of Indiantown Road and Central Boulevard), as well as to establish a baseline.

Statistics from the study are shown in the table below:

Jupiter Origin-Destination Study

11-May-17

AM: 7:00am - 9:15am

PM: 4:00pm - 6:00pm

From Origin to Destination		Origin Volume	Total Matches (travel time < 5 min)	Destination Volume	Median Travel Time	Average Travel Time	Percent of Destination Volume	Percent of Origin Volume
From	SB 168th St AM	152						
	To EB Jupiter Gardens Blvd AM		85	253	01:33	02:07	33.60%	55.92%
From	WB Jupiter Gardens Blvd AM	182						
	To NB 168th St AM		72	179	01:24	04:39	40.22%	39.56%
From	SB 168th St PM	158						
	To EB Jupiter Gardens Blvd PM		59	179	01:32	05:48	32.96%	37.34%
From	WB Jupiter Gardens Blvd PM	323						
	To NB 168th St PM		108	211	01:22	06:13	51.18%	33.44%

- The extension of Island Way is *likely* to reduce AM cut-through traffic to Jupiter Park of Commerce, although this is *not definite*. The Town's Traffic Engineer is of the opinion that even with the cut-through traffic, 68th Terrace (within the neighborhood) is a low volume road.
- This data may be used to consider additional traffic calming measures at the entrance to the neighborhood with the S. Island Way design. At this time, based on resident feedback, the plans do not include connecting Jupiter Gardens Blvd.

In addition, the study evaluated the number of southbound U-turns on Central Blvd. at Jupiter Gardens Blvd. The numbers are shown in the table below. Palm Beach County Traffic has evaluated the U-turn data and provided the opinion that it does not warrant another study of the intersection of Jupiter Gardens Blvd and Central Blvd, and that a signal is NOT warranted.

Start Time	7:00 AM	7:05 AM	7:10 AM	7:15 AM	7:20 AM	7:25 AM	7:30 AM	7:35 AM	7:40 AM	7:45 AM	7:50 AM	7:55 AM	8:00 AM	8:05 AM	8:10 AM	8:15 AM	8:20 AM	8:25 AM	8:30 AM	8:35 AM	8:40 AM	8:45 AM	8:50 AM	8:55 AM	Total
Southbound U-Turn	0	0	0	1	1	0	0	0	3	0	1	1	1	0	0	0	0	0	2	0	0	2	0	0	12