

Clearwater, FL Video Survey Analysis (Before Study)

Traffic Count for Survey Period* Lanes 3 and 4 on EB FL60 and Belcher were averaged for Wed and Thurs			Total Traffic Count		Violations		% to Volume
			1/10/2012 - 1/12/2012		Less 15%		Violations/Traffic Count
			24 hours	Mean per day	Total	Mean Per Day	% to Volume
FL 60 & Belcher	4 Lanes	EB	36,044	12,015	107	36	0.30%
FL 60 & Belcher	4 Lanes	WB	32,812	10,937	145	48	0.44%
Fort Harrison & Chestnut	4 Lanes	EB	20,395	6,798	173	58	0.85%
Totals			89,251	29,750	425	142	0.48%

Target Reductions of 15%			Total Traffic Count		Violations		% to Volume
			1/10/2012 - 1/12/2012		Less 15%		Violations/Traffic Count
			24 hours	Mean per day	Total	Mean Per Day	% to Volume
FL 60 & Belcher	4 Lanes	EB	36,044	12,015	91	30	0.25%
FL 60 & Belcher	4 Lanes	WB	32,812	10,937	123	41	0.38%
Fort Harrison & Chestnut	4 Lanes	EB	20,395	6,798	147	49	0.72%
Totals			89,251	29,750	361	120	0.40%

The statistical analysis used for the "before" and "after" study will look at the percentage of Violations as compared to the total traffic count. The "before" VSA included three (3) days of two (2) separate four (4) hour periods of time. The VSA started on January 10, 2012 and concluded on January 12, 2012. Times selected for the VSA were determined by the City and established from 6:30 until 10:30 and then again from 14:00 until 18:00. There were a total of 89,251 vehicles which traveled during the days and times indicated. The VSA captured a total of 425 Red Light Violations. The mean number of violations per day is 142 with a traffic count mean of 29,750. Therefore the mean number of violations as a percentage to the traffic volume is 0.48%.

Clearwater, FL Analysis (After Study)

Actual Violation Data from Systems			Total Traffic Count		Violations		% to Volume
			Mean per day		Mean Per Day		Violations/Traffic Count
					Total	Mean Per Day	% to Volume
FL 60 & Belcher	4 Lanes	EB		0		0	#DIV/0!
FL 60 & Belcher	4 Lanes	WB		0		0	#DIV/0!
Fort Harrison & Chestnut	4 Lanes	EB		0		0	#DIV/0!
Totals				0		0	#DIV/0!