

III. Effect of the Use of Cameras on Traffic Safety

ORS 810.434 (3)(b)(A)

A. Reductions in Red Light Running Violations

Beaverton has analyzed the red light violation data from each of the photo-enforced intersections. *The analysis shows that the City’s photo red light intersections have realized a 36% reduction in red light running violations*, comparing the first year of the program to the following years. The overall effect of the program has been a dramatic reduction in the number of red light signal violations. This is a tremendous success for Beaverton – and goes a long way to remind drivers “Red Means Stop” in Beaverton.

Red Light Running Violations at Beaverton Photo Red Light Intersections

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Red Light Violations	6,297	5,536	5,383	3,844	4,333	4,461	3,521	3,832	2956	2520

Overall Reductions in Red Light Running Violations at Beaverton Photo Red Light Intersections

	2001	Average of 2002-2010	Average Change in Violations
Red Light Violations	6,297	4,043	-36%

Addition of Right Turn on Red Enforcement

In November 2010, Beaverton City Council approved the Traffic Safety Proposal, which included the enforcement of Right Turn on Red violations. The goal of the Traffic Safety Proposal is to improve traffic safety through enforcement and education, two of the three E’s to keeping a community safe. Benefits to enforcing right turn on red violations are pedestrian and bicycle safety.

Right turn on red enforcement began in January 1, 2011 with a 31day warning period. During the January warning period, 362 warning letters were sent. Effective February 1, 2011, citations were issued for right turn on red violations.

It is typical to see an increase in the number of violations during the initial implementation of red light enforcement, but the numbers are expected to decrease over time as drivers become aware of the right turn on red enforcement and are reminded that “Red Means Stop” in Beaverton.

Red Light Running Violations at Beaverton Photo Red Light Intersections

	2011	2012
Red Light Violations	9,369	13,526