



Federal Way Police Department Red Light/School Zone Speed Photo Enforcement (RLPE) 2015 Annual Report

Red Light Photo Enforcement (RLPE) Intersection Collisions

The following data compares the number of collisions occurring in all RLPE intersections prior to and after the implementation of the program.

RLPE Intersections - Total Collisions			
Year	S 348 th /Enchanted Pkwy S	S 320 th /Pacific Hwy S	S 312 th /Pacific Hwy S
2005	41	54	18
2006	44	58	26
2007	38	35	19
2008*	33	48	32
2009*	49	52	23
2010	20	33	18
2011	26	22	20
2012	26	22	24
2013	21	11	22
# 2014	18	12	23
2015	14	8	19

** Because 2008 and 2009 were inception/expansion years for the program, the most accurate comparison is reflected during the "fully operational" years of 2010 and later.*

Collision statistics starting in 2014 are now compiled solely using the SECTOR (Statewide Electric Collision & Ticket Online Records) database

Red Light Photo Enforcement (RLPE) Intersection Violations

The City's RLPE program continues to be implemented at three (3) key intersections: S 312th St/Pacific Hwy S, S 320th St/Pacific Hwy S, and S 348th St/Enchanted Pkwy S (Hwy 18).

RLPE Intersections - Total Violations			
Year	S 348 th /Enchanted Pkwy S	S 320 th /Pacific Hwy S	S 312 th /Pacific Hwy S
2008 *	3,102	3,088	No camera installed
2009 *	5,955	6,284	149 **
2010	3,084	13,849	2,759
2011	1,974	5,914	1,667
2012	2,413	8,457	2,555
2013	2,335	8,930	2,232
2014	3,585	9,302	2,742
2015	5,553	9,990	2,348

* Because 2008 and 2009 were inception/expansion years for the program, the most accurate comparison is reflected during the "fully operational" years of 2010 and later.

** The camera at S 312th St was installed at the end of 2009

The specific camera approach locations and violation issuance data are as follows:

<u>Location</u>	<u>Citations Issued 2015</u>
SB Pacific Hwy S @ S 312 th St	2,348
EB S 320 th St @ Pacific Hwy S	562
WB S 320 th St @ Pacific Hwy S	1,191
NB Pacific Hwy S @ S 320 th St	3,790
SB Pacific Hwy S @ S 320 th St	4,103
SB Pacific Hwy S @ S 320 th St (left turn)	344
SB 16 th Ave S @ S 348 th St	515
EB S 348 th St @ Enchanted Pkwy S	5,038
Total -	17,891

School Zone Speed Enforcement Violations

The other aspect of the RLPE program is School Zone Speed Enforcement. Three (3) school zones in the City have been equipped with radar/LIDAR and camera systems to monitor and document traffic speeds and patterns. The schools are Twin Lakes Elementary, Panther Lake Elementary, and Saghalie Middle School.

Fixed School Zone Speed - Total Violations			
Year	Twin Lakes	Panther Lake	Saghalie
2009 *	348	no camera installed	381
2010	1,979	503 **	2,917
2011	1,824	3,241	720 **
2012	3,185	9,595	2,783
2013	2,424	6,187	2,346
2014	2,577	4,589	1,955 **
2015	2,829	5,088	4,004

* late 2009 was when the Twin Lakes and Saghalie school zones were implemented. Panther Lake came on-line in 2010.

** Various engineering and construction projects have caused lengthy system shut downs at various sites, disrupting an accurate analysis.

The specific camera approach locations and violation issuance data are as follows:

<u>Location</u>	<u>Citations Issued 2015</u>
EB SW 320 th St @ Twin Lakes	1,070
WB SW 320 th St @ Twin Lakes	1,759
NB 1 st Ave S @ Panther Lake	1,633
SB 1 st Ave S @ Panther Lake	3,455
NB 21 st Ave SW (Saghalie)	2,602
SB 21 st Ave SW (Saghalie)	1,402
Total -	11,921