



Federal Way Police Department
 Red Light/School Zone Speed Photo Enforcement (RLPE)
 2016 Annual Report

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). The specific camera approach locations and citation issuance data are as follows:

<u>Location</u>	<u>Citations Issued</u>
SB Pacific Hwy S @ S 312 th St	3,063
EB S 320 th St @ Pacific Hwy S	489
WB S 320 th St @ Pacific Hwy S	1,890
NB Pacific Hwy S @ S 320 th St	6,027
SB Pacific Hwy S @ S 320 th St	3,914
SB Pacific Hwy S @ S 320 th St (left turn)	460
SB 16 th Ave S @ S 348 th St	846
EB S 348 th St @ Enchanted Pkwy S	6,651
Total -	23.340

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
2016	7,497	12,780	3,063

* 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

Statistics only reflect the first six months of the year

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

<u>Location</u>	<u>Citations Issued</u>
EB SW 320 th St @ Twin Lakes	1274
WB SW 320 th St @ Twin Lakes	1652
NB 1 st Ave S @ Panther Lake	1259
SB 1 st Ave S @ Panther Lake	2530
NB 21 st Ave SW (Saghalie)	2248
SB 21 st Ave SW (Saghalie)	1323
Total -	10,286

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
2016	2,926	3,789	3,571

* 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.

Statistics only reflect the first six months of the year

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
2016	10	11	23

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

*** Statistics only reflect the first six months of the year*