



Federal Way Police Department  
 Red Light/School Zone Speed Photo Enforcement (RLPE)  
 2017 Biannual Report (January – June)

The City's RLPE program continues to be implemented at three (3) key intersections: S 312<sup>th</sup> St/Pacific Hwy S, S 320<sup>th</sup> St/Pacific Hwy S, and S 348<sup>th</sup> 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 <sup>th</sup> St	1,904
EB S 320 <sup>th</sup> St @ Pacific Hwy S	350
WB S 320 <sup>th</sup> St @ Pacific Hwy S	958
NB Pacific Hwy S @ S 320 <sup>th</sup> St	1,827
SB Pacific Hwy S @ S 320 <sup>th</sup> St	3,521
SB Pacific Hwy S @ S 320 <sup>th</sup> St (left turn)	198
SB 16 <sup>th</sup> Ave S @ S 348 <sup>th</sup> St	547
EB S 348 <sup>th</sup> St @ Enchanted Pkwy S	4,256
<b>Total -</b>	<b>13,561</b>

RLPE Intersections – Total Violations			
Year	S 348 <sup>th</sup> /Enchanted Pkwy S	S 320 <sup>th</sup> /Pacific Hwy S	S 312 <sup>th</sup> /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
2017#	4803	6854	1904

\* 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 312<sup>th</sup> 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 <sup>th</sup> St @ Twin Lakes	752
WB SW 320 <sup>th</sup> St @ Twin Lakes	1044
NB 1 <sup>st</sup> Ave S @ Panther Lake	640
SB 1 <sup>st</sup> Ave S @ Panther Lake	1503
NB 21 <sup>st</sup> Ave SW (Saghalie)	1379
SB 21 <sup>st</sup> Ave SW (Saghalie)	800

**Total - 6,118**

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
2017#	1,796	2,143	2,179

\* Late 2009 were 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 <sup>th</sup> /Enchanted Pkwy S	S 320 <sup>th</sup> /Pacific Hwy S	S 312 <sup>th</sup> /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
2017**	9	13	12

*\* 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*

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