



Federal Way Police Department
 Red Light/School Zone Speed Photo Enforcement (RLPE)
2021 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 (FD14)	1,907
WB S 320 th St @ Pacific Hwy S (FD05)	2,384
NB Pacific Hwy S @ S 320 th St (FD12)	3,570
SB Pacific Hwy S @ S 320 th St (FD13)	5,432
SB 16 th Ave S @ S 348 th St (FD01)	803
EB S 348 th St @ Enchanted Pkwy S (FD02)	6,228

Total - 20,324

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
2017	4,864	7393	1,875
2018	7,946	11,287	2,967
2019	8,795	12,565	3,815
2020	5,111	12,395	3,250
2021	7,031	11,386	1,907

* 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 (FD06)	2,103
WB SW 320 th St @ Twin Lakes (FD07)	2,528
NB 1 st Ave S @ Panther Lake (FD08)	1,684
SB 1 st Ave S @ Panther Lake (FD09)	2,566
NB 21 st Ave SW (Saghalie) (FD10)	2,214
SB 21 st Ave SW (Saghalie) (FD11)	1,246
EB SW Campus Drive (Saghalie)(FD16)	764
WB SW Campus Drive (Saghalie) (FD17)	885

Total - 13,990

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	1,342	1,534	1,720
2018***	3,419	4,096	5,722
2019	3,039	3,435	5,140
2020	787	1,015	1,370
2021	4,631	4,250	5,109

* 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.

***Photo Enforcement of the Saghalie School Zone was expanded to include SW Campus Drive.

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
2017	16	15	12
2018	26	16	33
2019	29	27	26
2020	14	11	14
2021	28	16	20

** 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

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