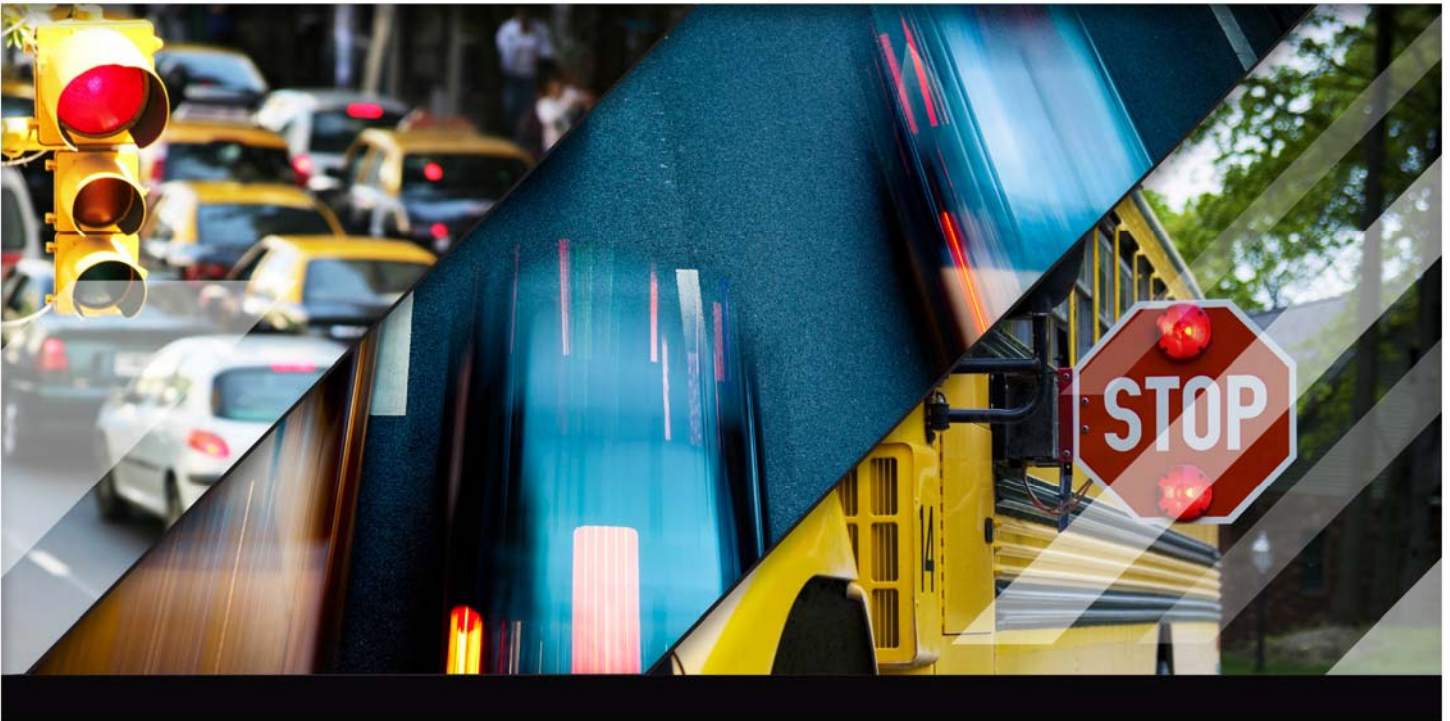




Red-Light Safety Camera Program Analysis

Puyallup, Washington



NOVEMBER 14, 2013

SUBMITTED BY AMERICAN TRAFFIC SOLUTIONS, INC.



Contents

1. Summary	2
1.1 Program Overview	2
1.1.1 WHEN IS RED-LIGHT RUNNING HAPPENING?.....	2
1.1.2 WHO IS RUNNING THE RED LIGHT?	2
1.1.3 PUBLIC SAFETY BENEFIT	2
2. Violations Overview	3
2.1 Total Violations	3
2.2 Total Violations by Time of Day	4
2.3 Total Violations by Day of the Week	5
2.4 Violations by Puyallup Residents	6
2.5 Repeat Violators	7
3. Program Footage: The Dangers of Red-Light Running	8



1. SUMMARY

1.1 Program Overview

- The city of Puyallup began using red-light safety cameras in May 2008.
- Puyallup has 13 red-light safety cameras at 6 intersections.

1.1.1 WHEN IS RED-LIGHT RUNNING HAPPENING?

- Most red-light running violations occur between the hours of 12 p.m. and 2 p.m.
- Friday is the day of the week when most red-light running violations occur.

1.1.2 WHO IS RUNNING THE RED LIGHT?

- Vehicles registered in Puyallup are the recipients of 28.8% of all violations issued since the program's start.

1.1.3 PUBLIC SAFETY BENEFIT

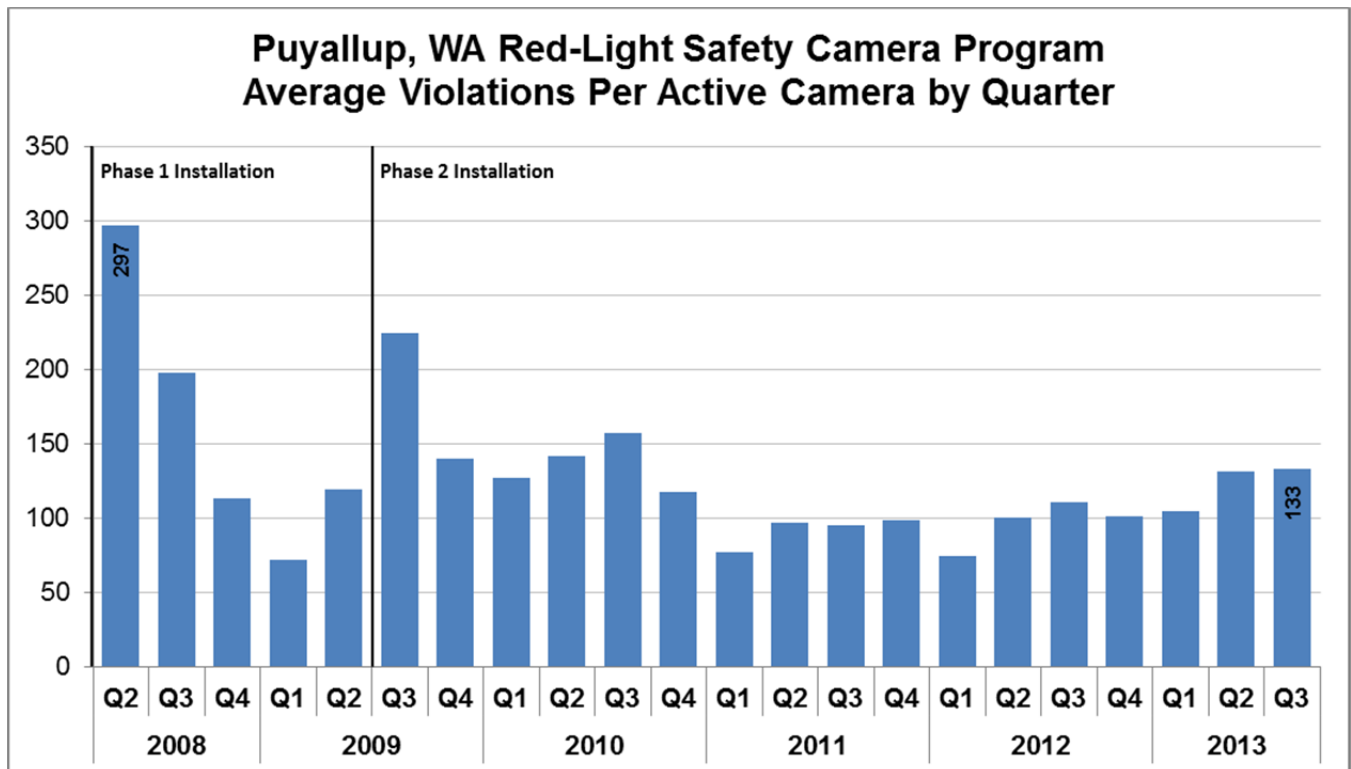
- Most red-light runners in Puyallup do not get a second ticket. The community's recidivism rate is 7%, which means 93% of all violators who receive a ticket and pay it do not get another violation. This low rate of repeat behavior, tracked from program inception through October 2013, indicates a change in driver behavior to stop on red.



2. VIOLATIONS OVERVIEW

2.1 Total Violations

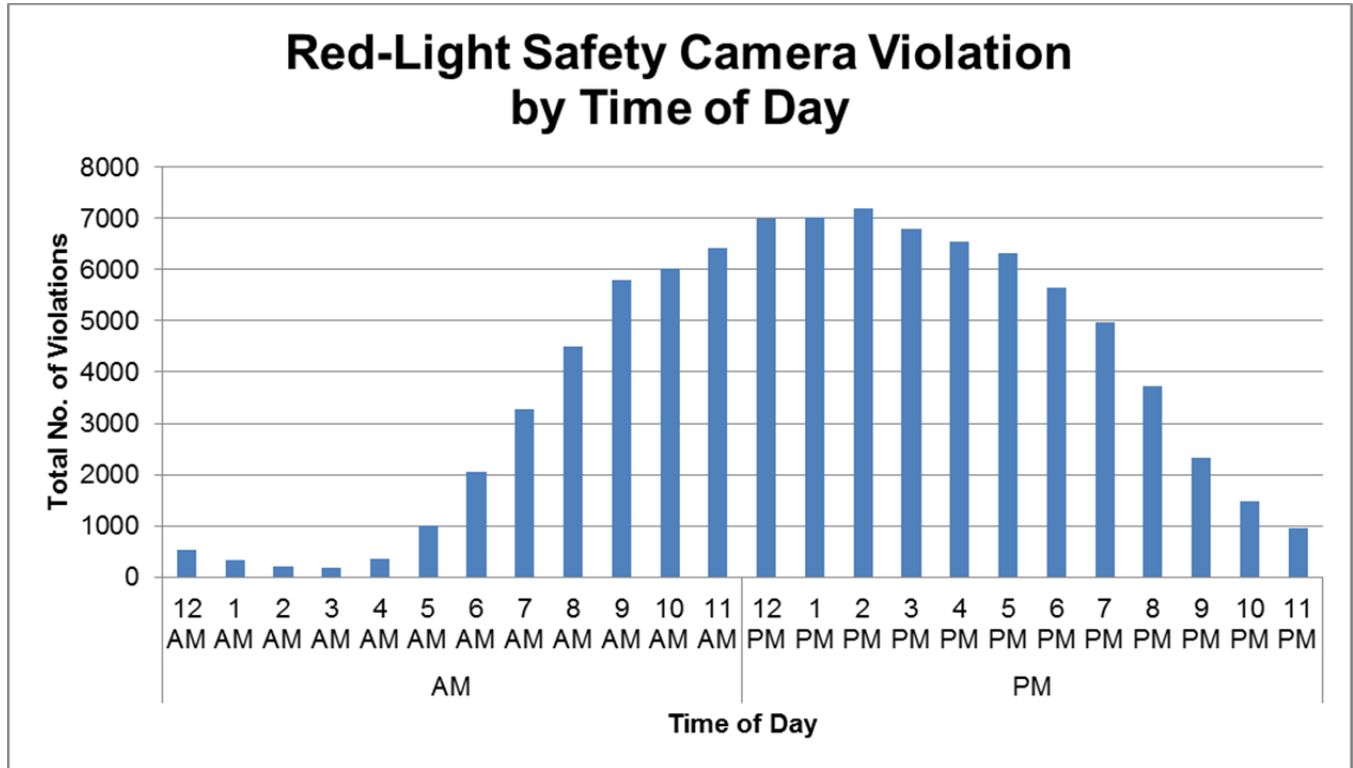
Puyallup began its Red-Light Safety Camera Program in May 2008 with 8 cameras. Since program inception Puyallup has expanded its program to 13 cameras. Since program inception, the quarterly average red-light running violations per approach per quarter have decreased by 55%. As violations reduce, the opportunity for dangerous red-light related crashes also drops, contributing to safer traveling throughout the city.





2.2 Total Violations by Time of Day

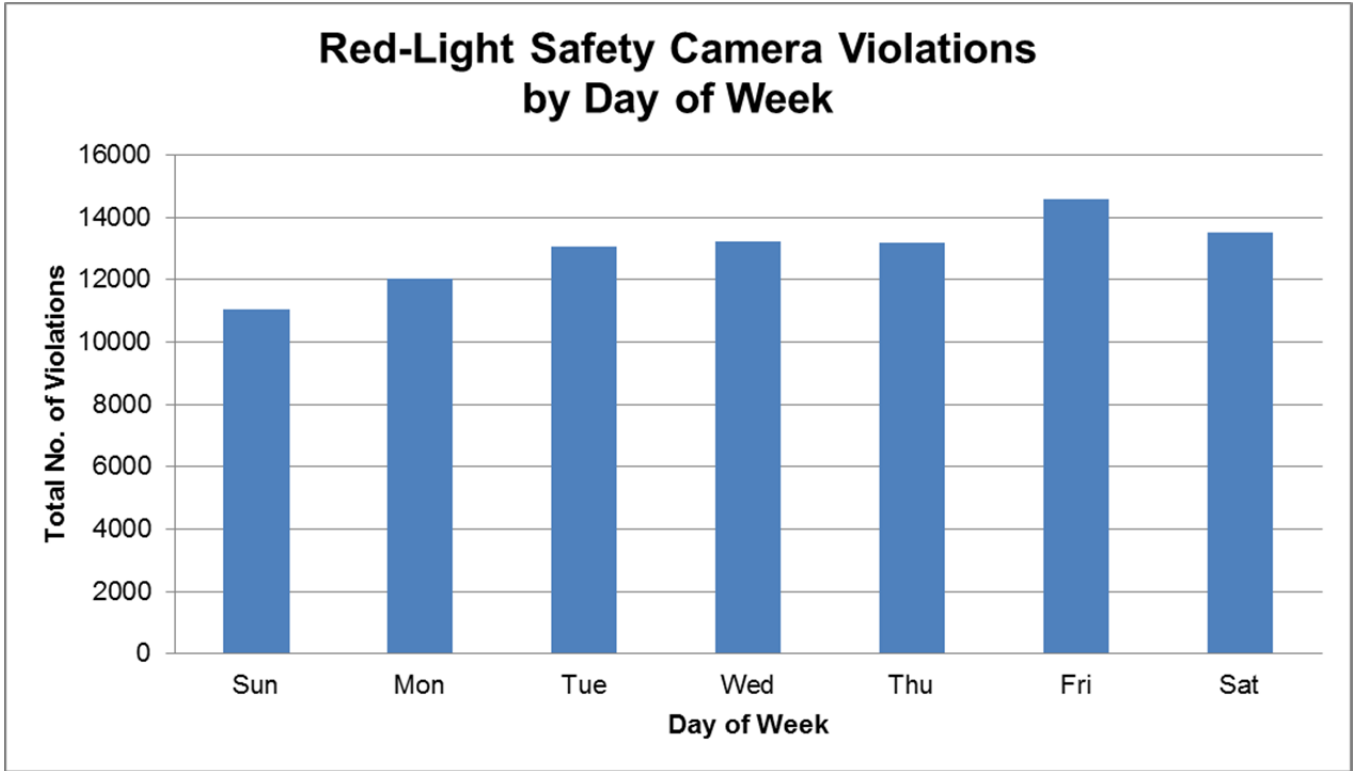
When looking at total violations by time of day, the most dangerous time of day for red-light running is 2 p.m. 34% of violations occurred between 12 a.m. and 11 a.m. and 66% of violations occurred between the hours of 12 p.m. and 11 p.m.





2.3 Total Violations by Day of the Week

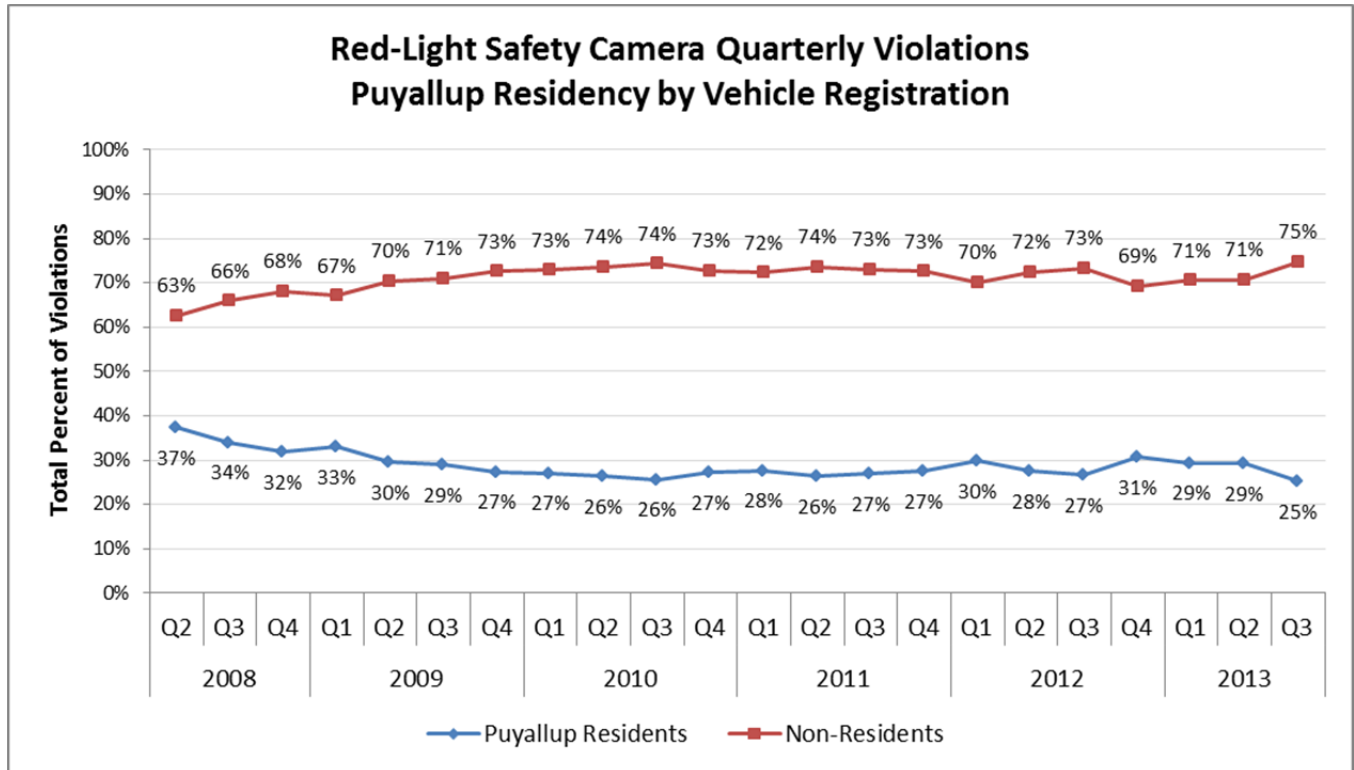
When looking at the total number of violations by day of the week, the day with the most violations is Friday, accounting for 16% of all violations. The weekend accounts for 27% of total violations.





2.4 Violations by Puyallup Residents

Vehicles registered in Puyallup are the recipients of 28.8% of all violations issued since the program's start.



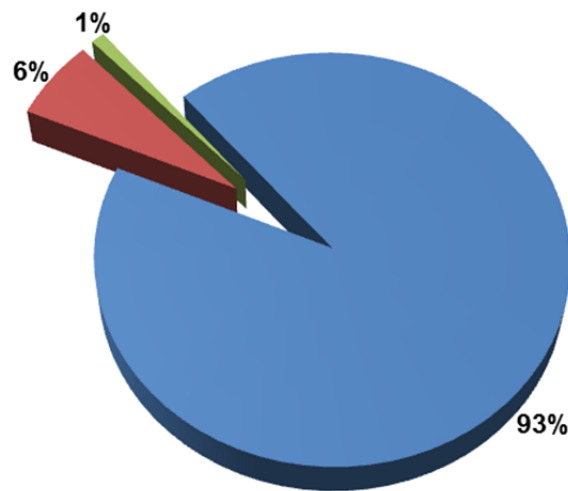
Top 5 Violator Cities Outside Puyallup	
City	% of Violations
Tacoma	14.7%
Spanaway	3.7%
Graham	3.5%
Bonney Lake	3.5%
Orting	2.2%



2.5 Repeat Violators

Drivers are getting the message to stop on red in Puyallup. The community's recidivism rate is 7%, which means 93% of all violators who receive a ticket and pay it do not get another violation. This low rate of repeat behavior, dating from program inception through October 2013, indicates a change in driver behavior for the better.

Red-Light Safety Camera Program: Recidivism Rate



■ One Paid Citation ■ Two Paid Citations ■ Three or More Paid Citations



3. PROGRAM FOOTAGE: THE DANGERS OF RED-LIGHT RUNNING

Shocking new video footage showing the dangers of red-light running is available for viewing and for use as a public service announcement. The video from red-light safety cameras can be used to alert motorists across the state of Washington about the need for continued intersection safety enforcement and increased driver attention.

Videos, which can be viewed at www.youtube.com/ATSRoadSafety , serve as a reminder for all drivers about the need to obey the law and stop on red.