



City of Tualatin

INTERSECTION SAFETY CAMERAS

How Did We Get There?

- 2006 – Directed by Council to Research Photo Red Light Systems**
- 2007 – First Presentation Given to City Council, including list of most dangerous intersections and results of Video Survey**
- 2008 – Entered into Agreement with Red Flex to Install Systems up to eight (8) Intersections (if needed)**
- 2010 – November-First System Installed**
- 2011 – February-Second System Installed**
- 2012 – Additional Video Survey Conducted**

What's our Objective?

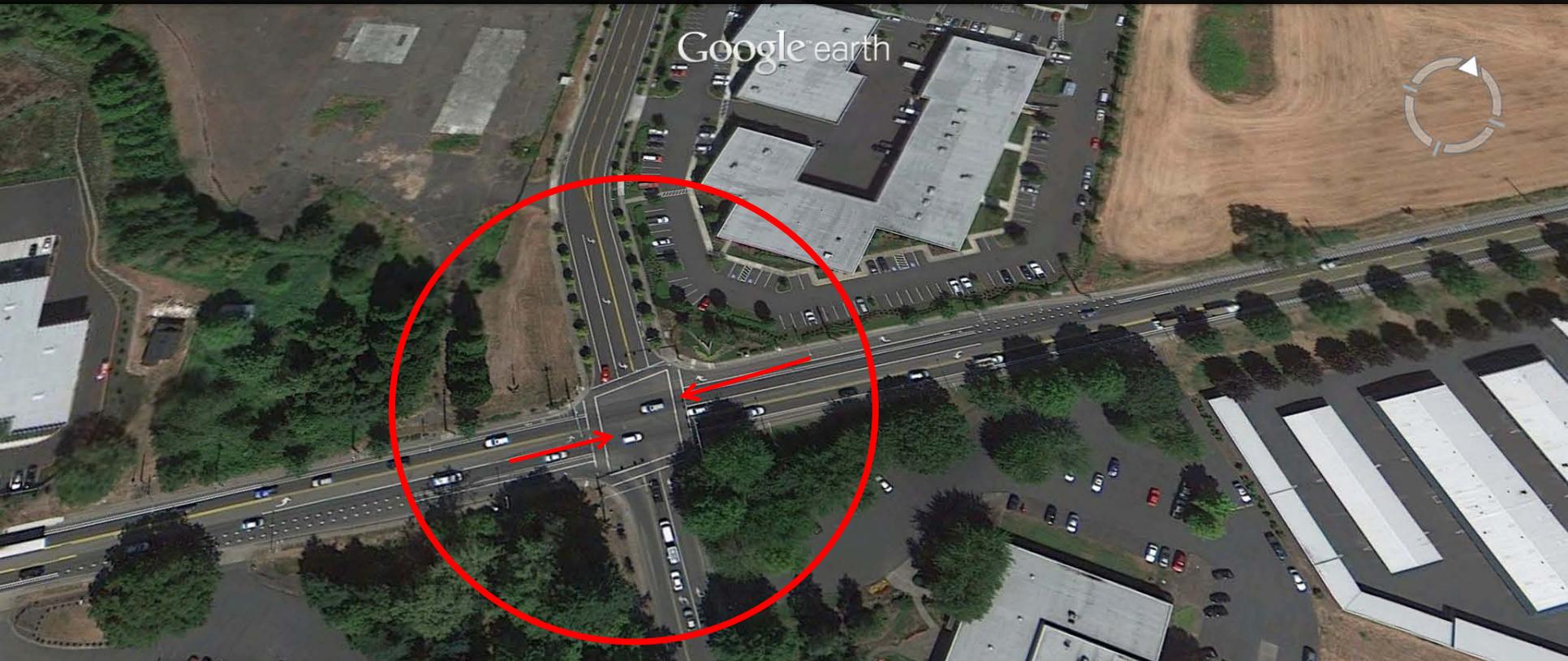
- **Reduce Crashes at these intersections**
- **Reduce Red-Light Violations**
- **Change the Behavior of Drivers -“Red means Stop”**
- **Create a “halo-effect” for drivers in Tualatin**
- **Reduce Traffic Congestion**
- **Improve Officer Safety**

Where Are They And
What Are The Results?

Layers



Tualatin, Oregon 97062



Tualatin-Sherwood Road and Avery/112th

System Installed November 2010 with 30-day Warning Period

Citations Issued December 2010

Red for 30 Seconds



Follow the Leader 1-2-3



Close Call



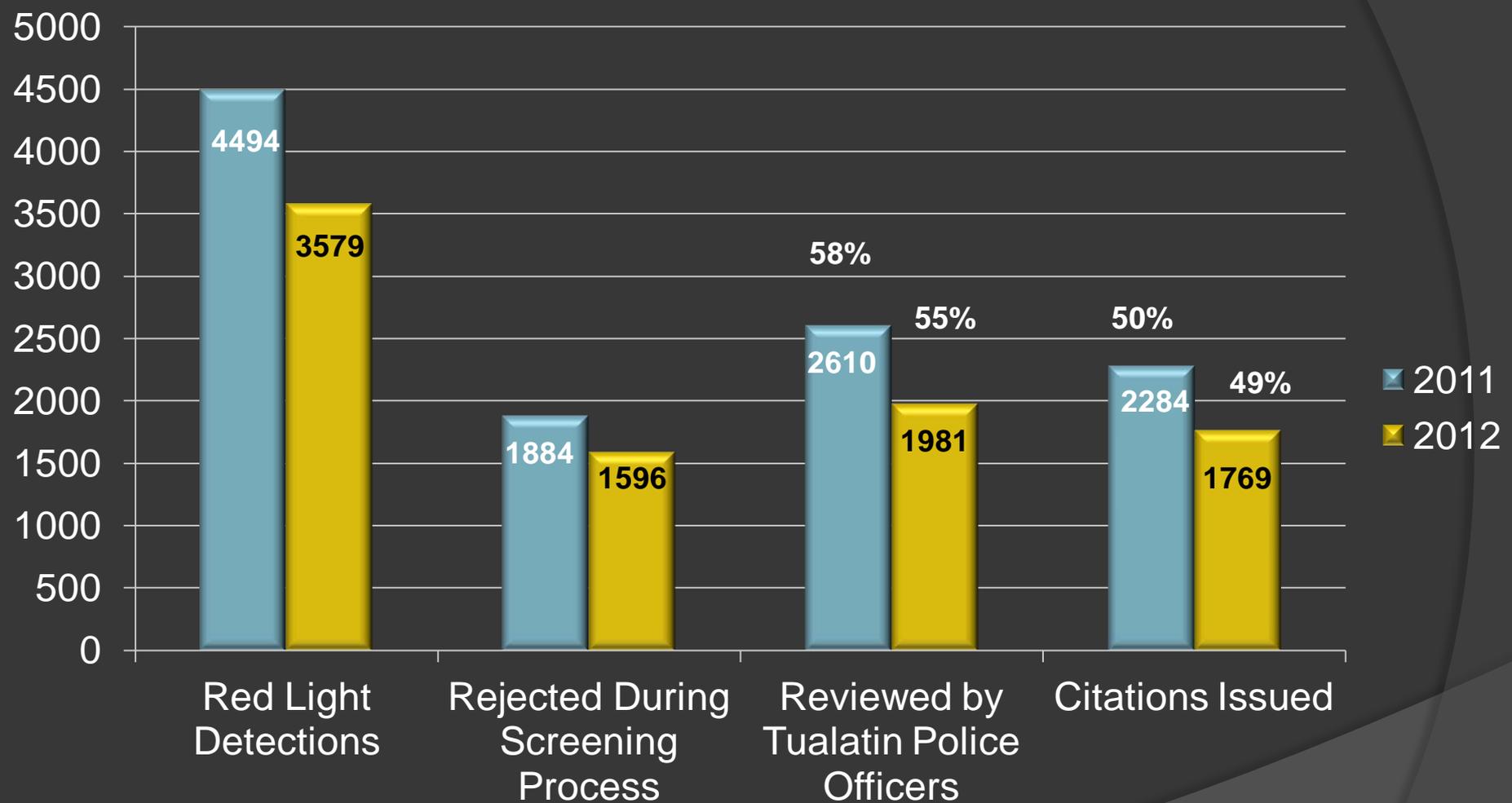
Why you stop first...



First Crash after System Installed



TUALATIN-SHERWOOD ROAD at AVERY/112th

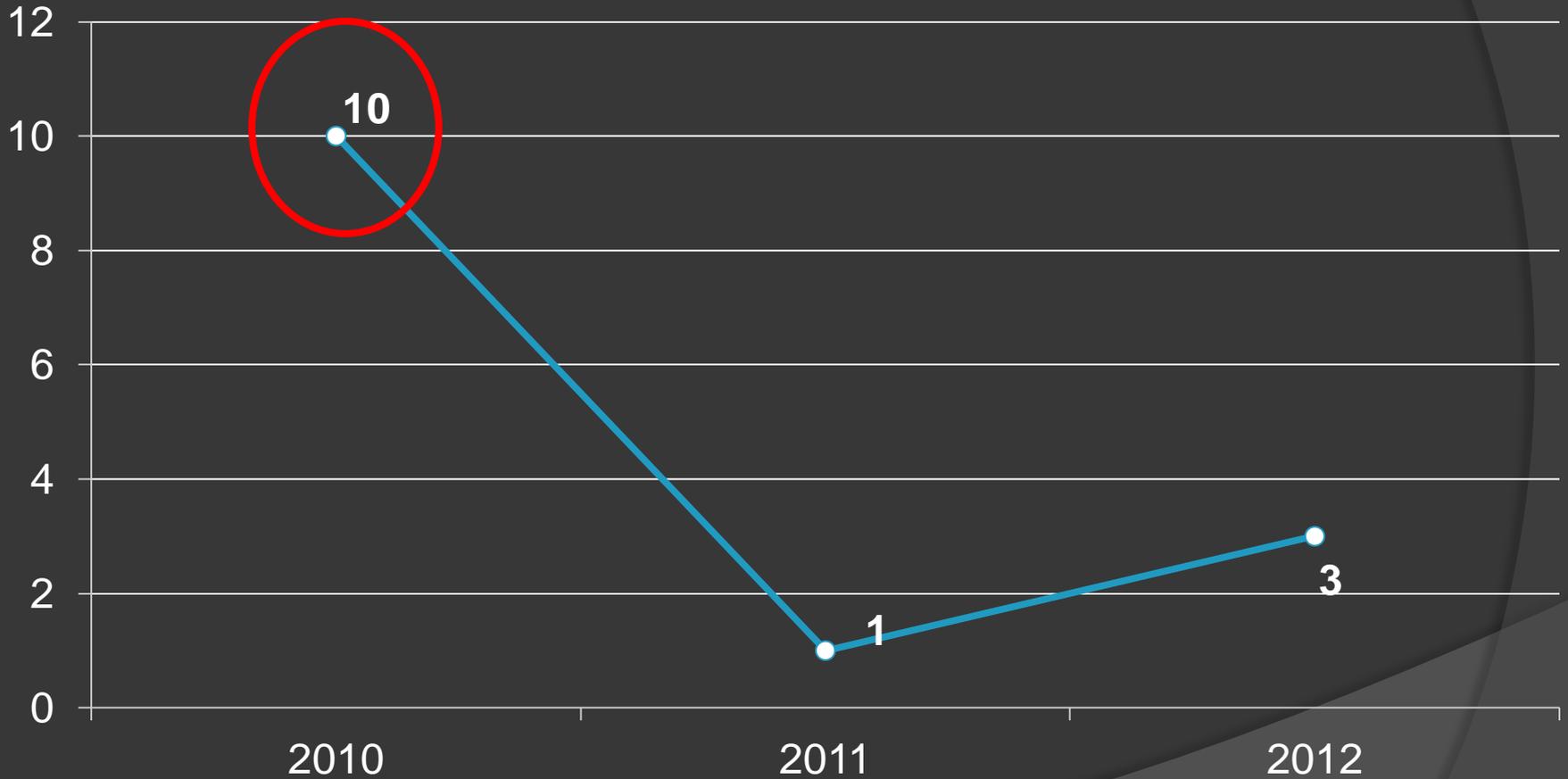


2011 – Apx. 190 Citations per Month or 6 Citations Per Day

2012 – Apx. 147 Citations per Month or 5 Citations Per Day

TUALATIN-SHERWOOD ROAD at AVERY/112th

Intersection-Related Crashes



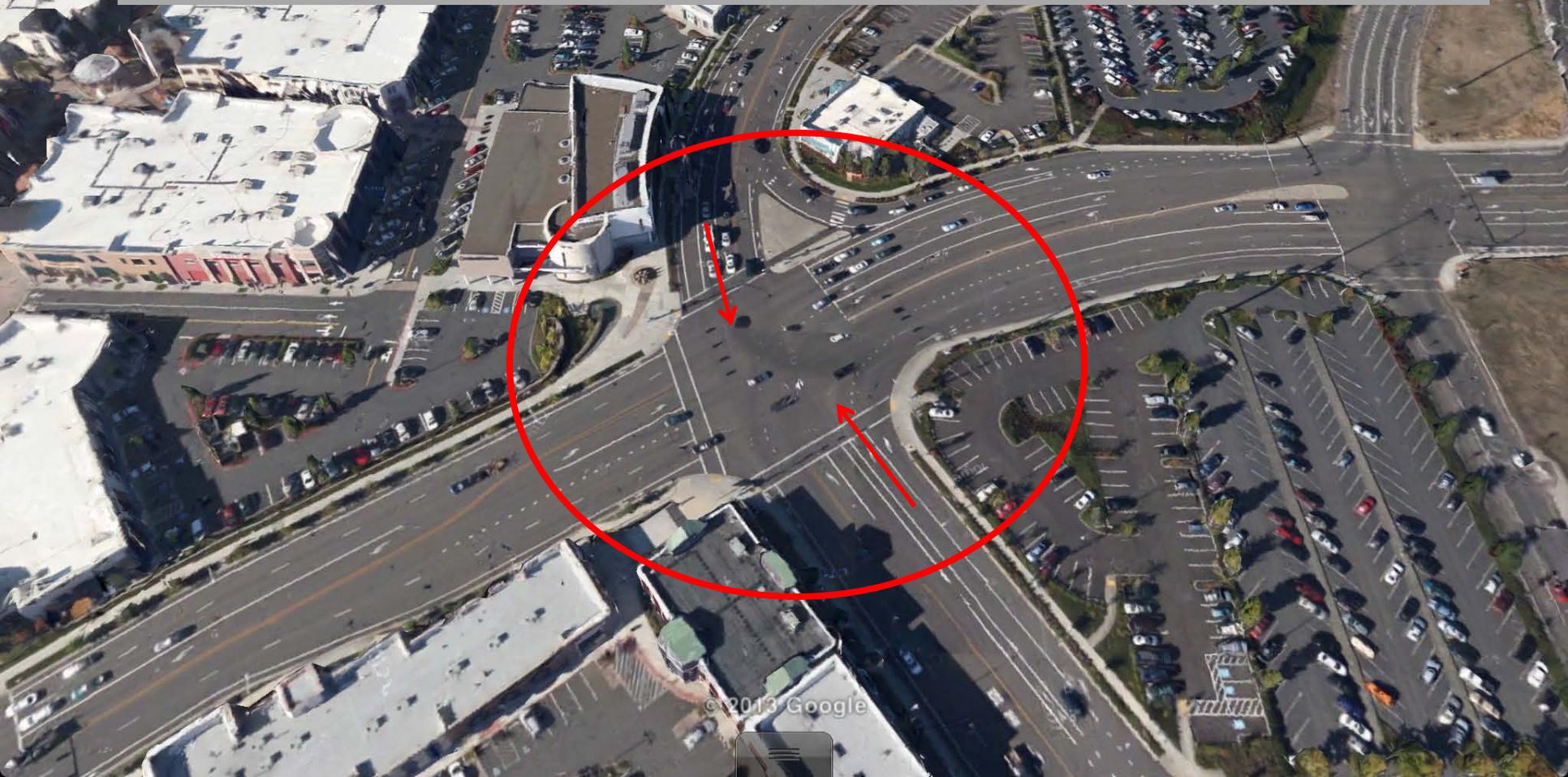
Layers



Lower Boones Ferry at Bridgeport/72nd

System Installed February 2011 with 45-day Warning Period

Citations Issued Beginning April 1, 2011



Left Turn Against Light



Straight Ahead



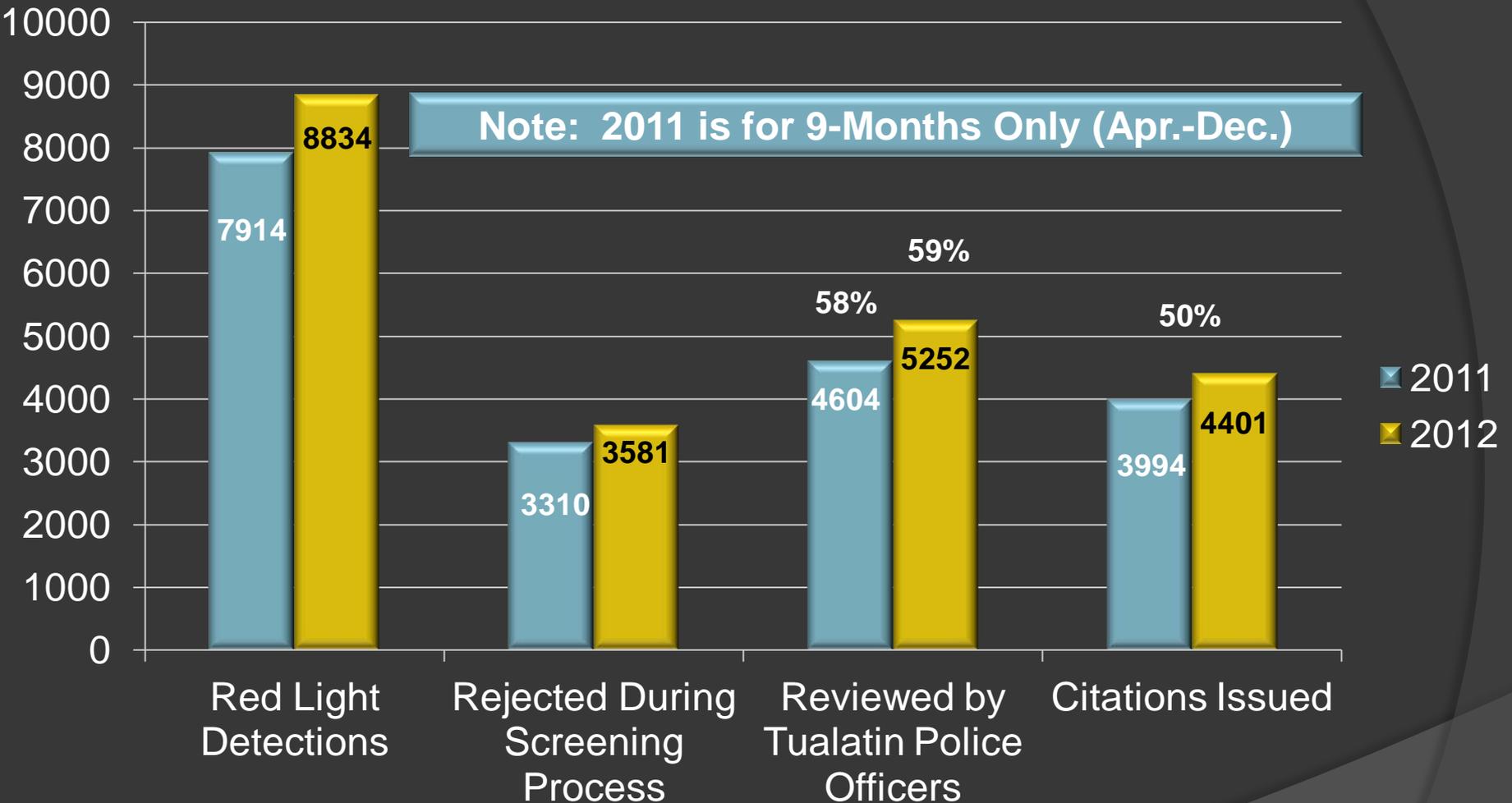
Red Means Stop (not speed-up)



Follow the Leader 1-2-3



Lower Boones Ferry at Bridgeport/72nd

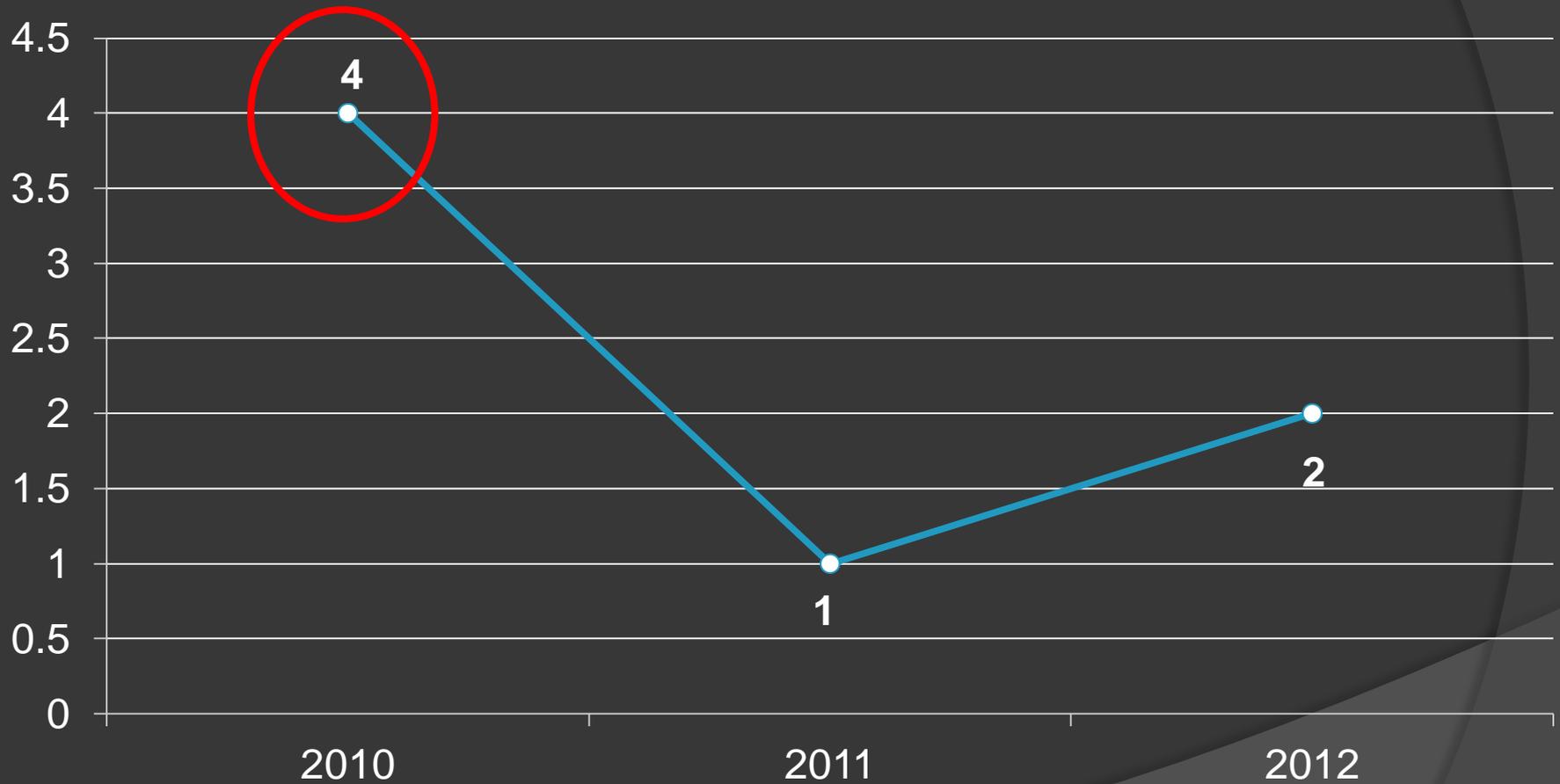


2011 – Apx. 443 Citations per Month or 16 Citations Per Day

2012 – Apx. 367 Citations per Month or 12 Citations Per Day

Lower Boones Ferry at Bridgeport/72nd

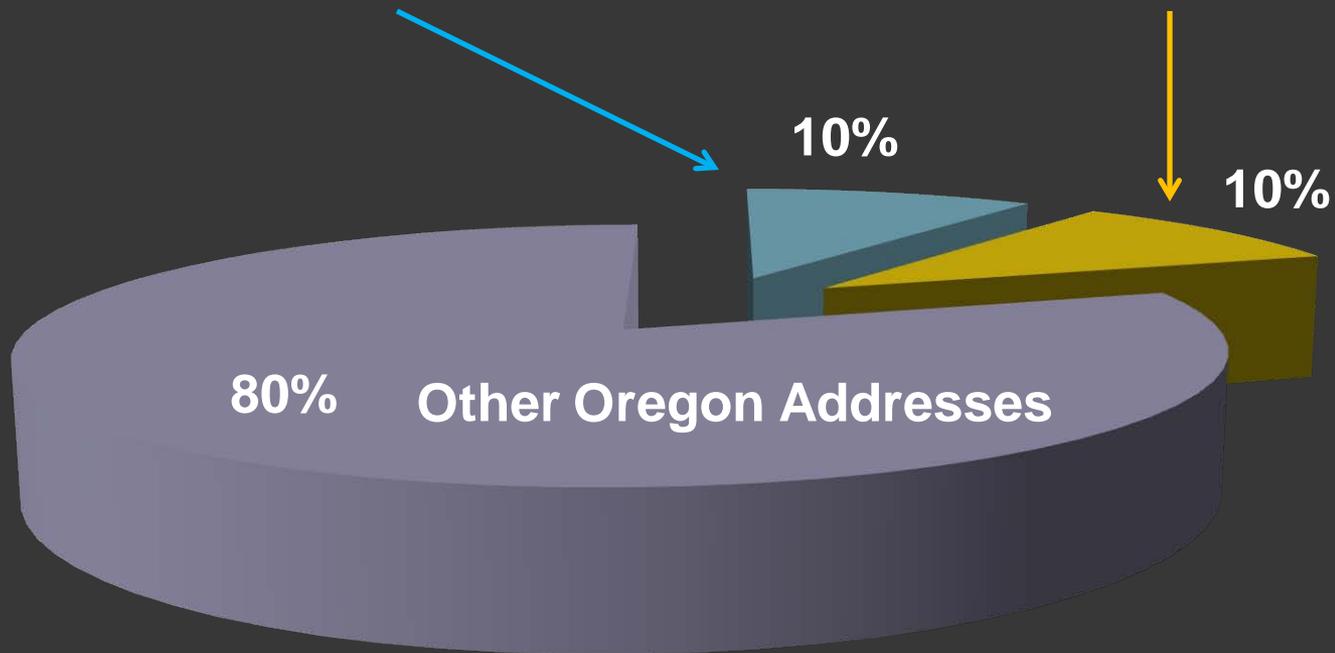
Intersection-Related Crashes



Zip Codes of Citations Issued 2011-2012

■ Tualatin Addresses

■ Out of State Addresses

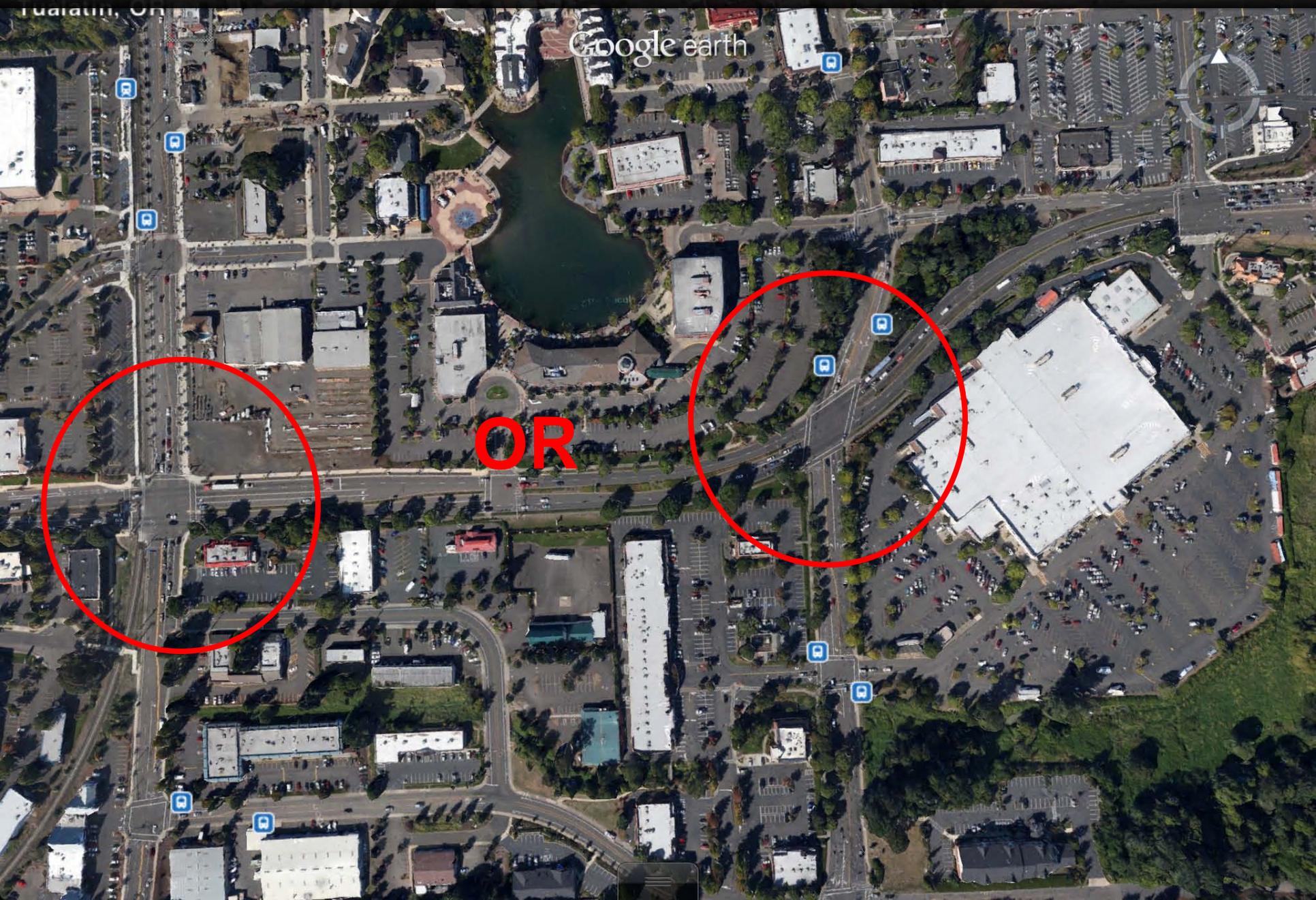


Where Should We Go Next?
or should we?

Layers



Tualatin, Oregon 97062

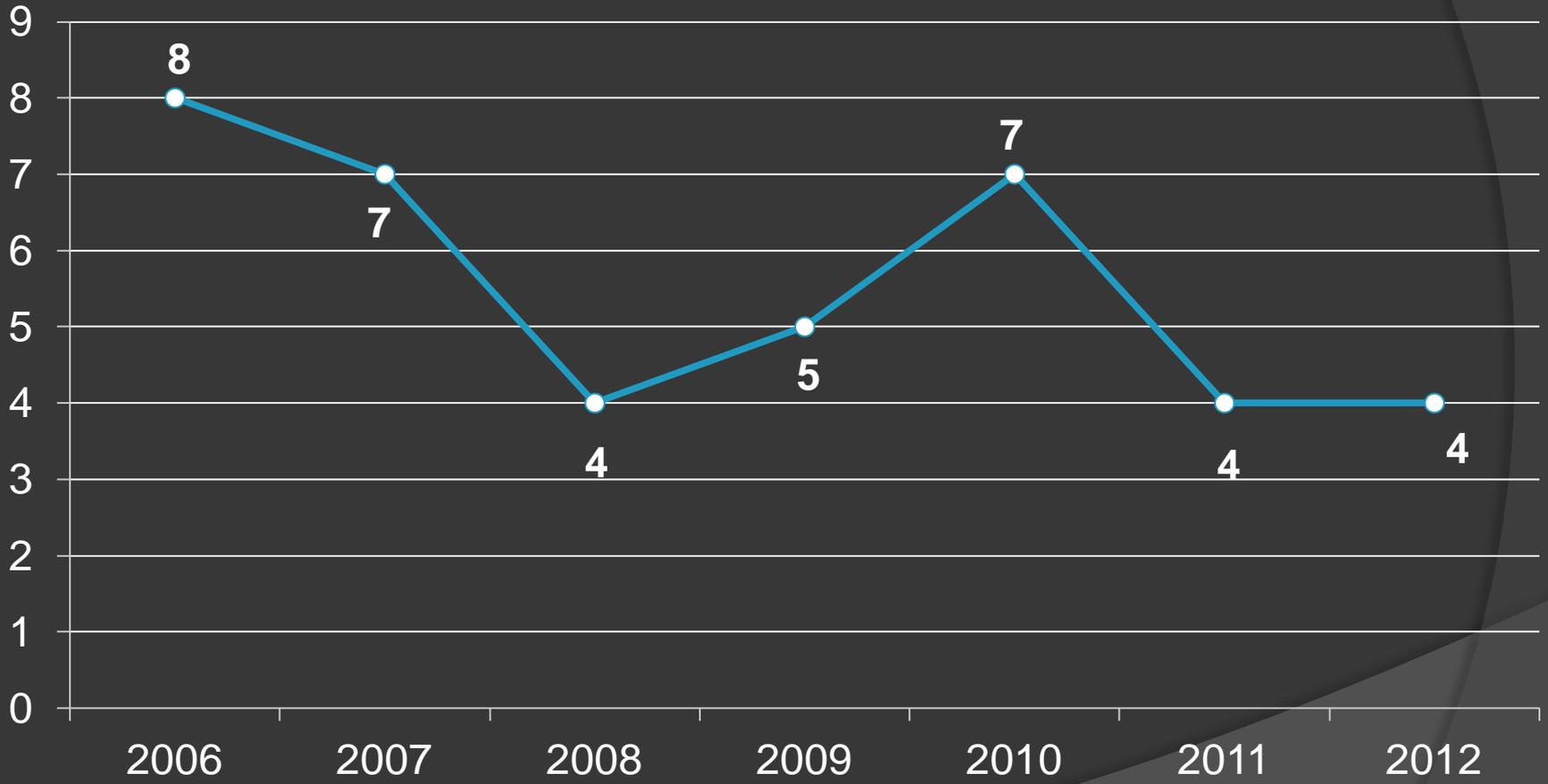


Google earth

OR

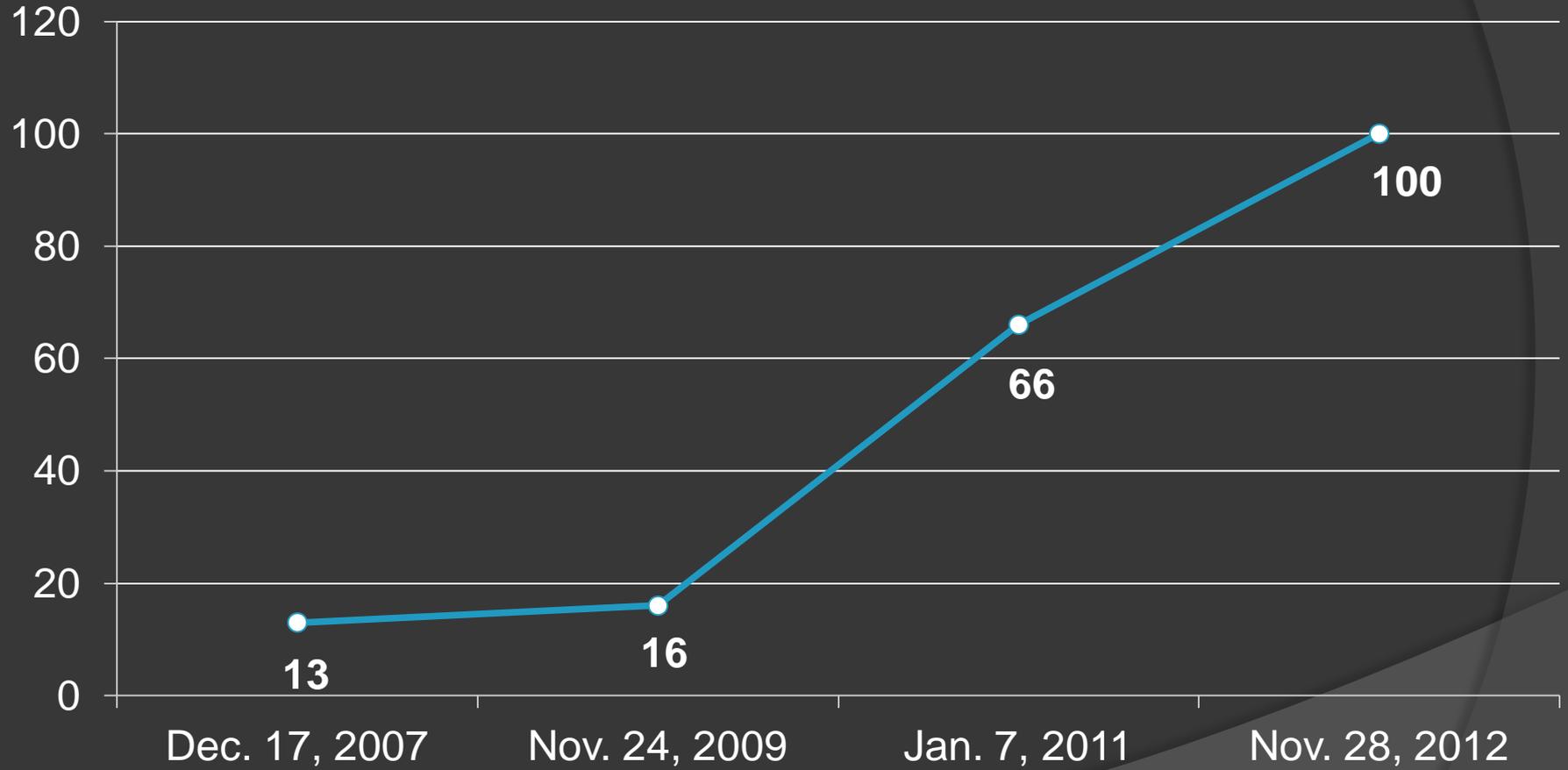
Tualatin-Sherwood Road at Martinazzi Ave.

Intersection-Related Crashes



Tualatin-Sherwood Road at Martinazzi Ave.

Survey Results – Red Light Detections

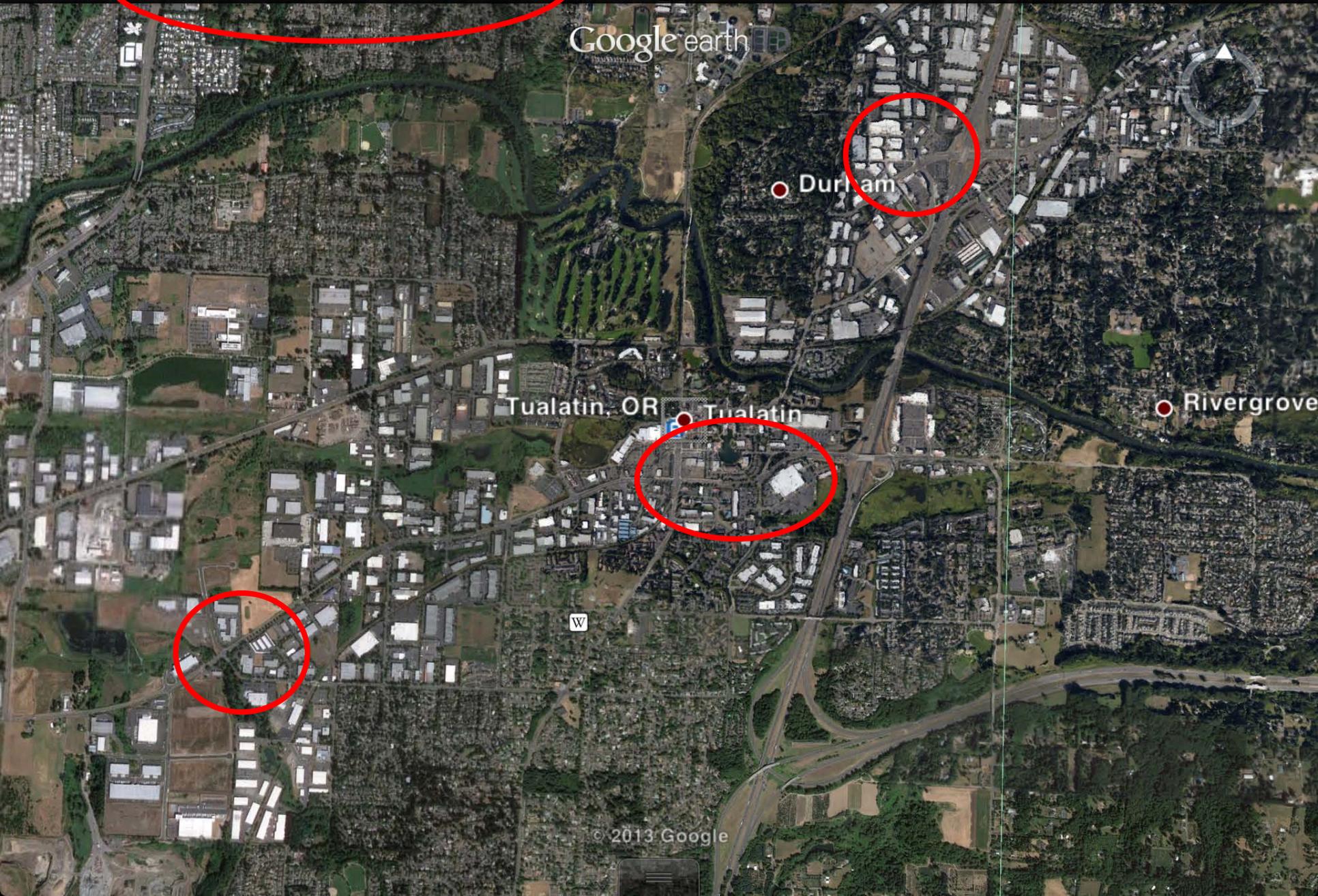


Layers

Create the "Halo-Effect"



Tualatin, Oregon 97062



Google earth

Durham

Tualatin, OR Tualatin

Rivergrove

W

Considerations:

- **Five Year Contract Ends July 2013**
- **Can Extend up to Seven (7) One-Year Extensions**
- **Need to Renegotiate Contract with Vendor**
- **Seek Approval from Washington County**
- **Permit Process**
- **Installation**

Question For Council:

Should we Pursue the installation
of a 3rd Intersection System?