

# Automated Speed Enforcement

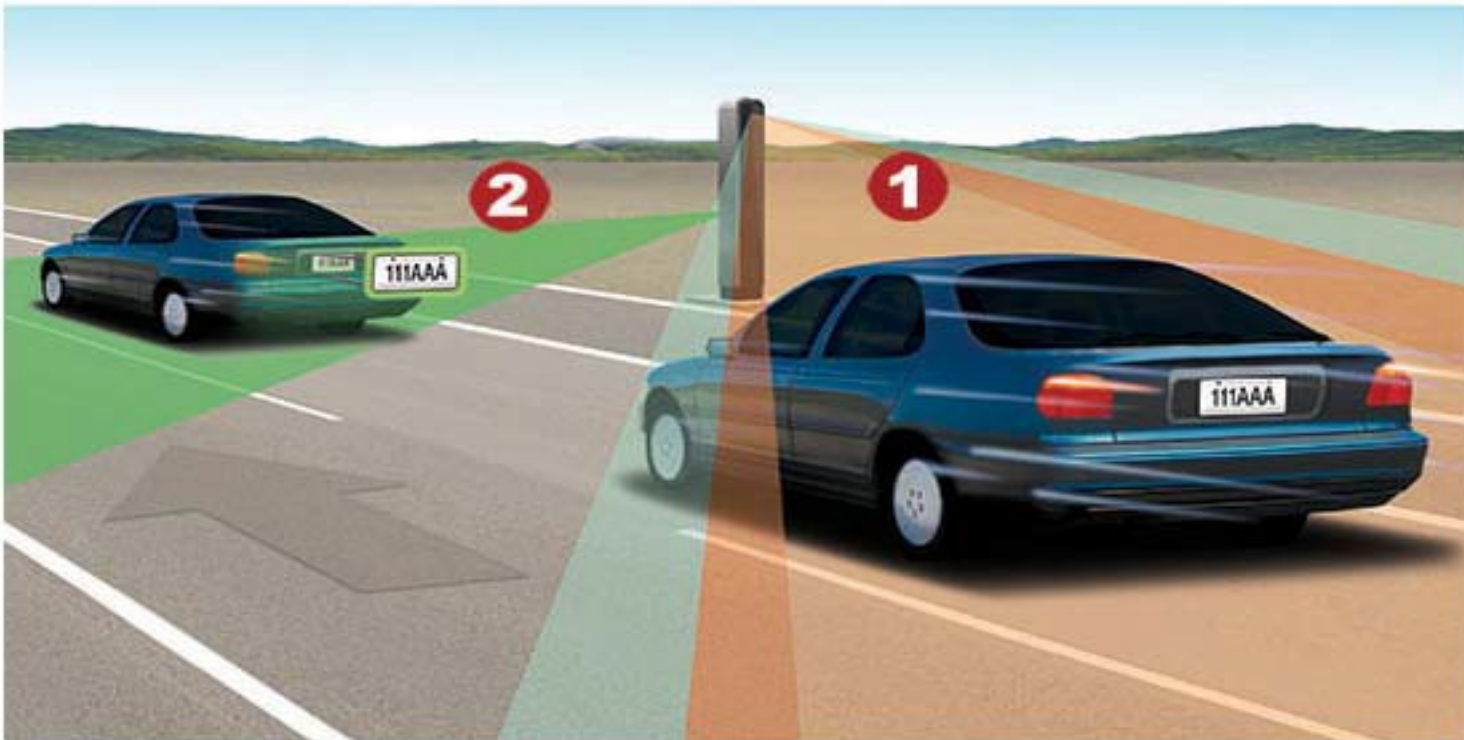


Prepared by Walt Seifert, August 2016. Some material from San Francisco Office of the Controller's report "Automated Speed Enforcement Implementation," November 12, 2015.

# What is ASE?

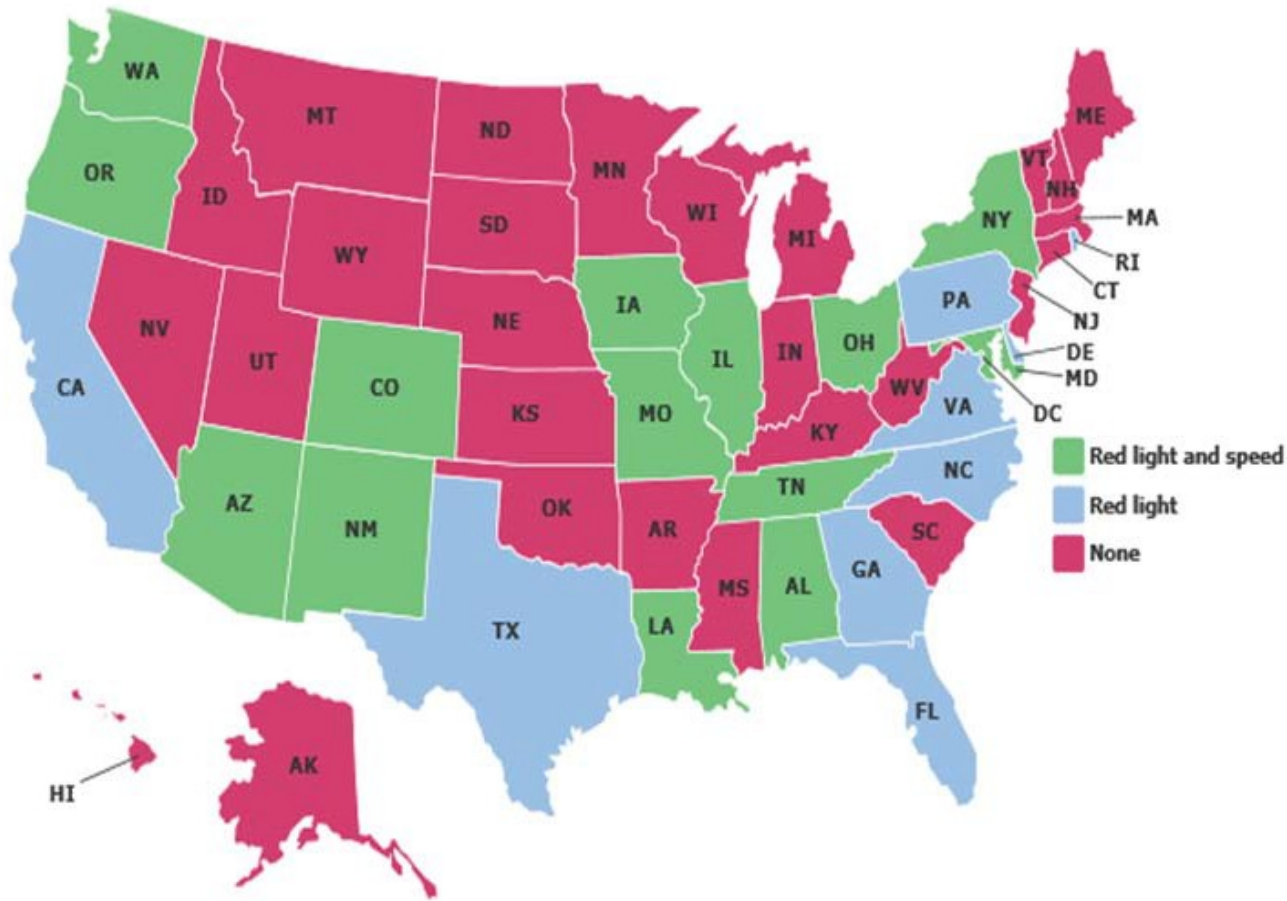
- Automated Speed Enforcement (ASE) is a customizable speed radar/camera system proven effective at reducing speeding over time
- Automated enforcement cameras can be fixed on existing infrastructure or put in vans that are moved to high priority locations

# How does ASE work?



1. Vehicle enters the primary and secondary speed radar beams. Each beam individually measures the speed of the vehicle and both readings must agree within a pre-determined tolerance.
2. If the vehicle speed is detected above the approve speed limit, an image is taken of the vehicle with a close-up of the license plate for review and processing.

# Jurisdictions that use ASE



Source: Insurance Institute for Highway Safety, [www.iihs.org](http://www.iihs.org), August 2015

# Speeding

- Common in U.S.
  - Speeding tolerated
  - Speed glamorized in ads and movies
- Causes 30% of crashes
- Higher speed increases crash severity
  - “Twenty is plenty” in UK
  - 30 km/h limit in Europe
- Most controllable factor in achieving Vision Zero?

# Speed cameras

- Technology more than 30 years old
- Used in U.K., Germany, Australia and more than 75 other countries
- Used in Roseville and Folsom in 1990's
- Illegal in California

# ASE pros

- Reduction in crashes and crash severity
- Cost effective
- Fair and consistent, accurate to 1 MPH
- Operates 24/7
- Safer for officers and motorists
- No traffic tie-ups from rubbernecking
- Revenue can be used for safety improvements
- Public support

# ASE cons

- Doesn't stop behavior as it is occurring
- Public opposition
  - Concerns that it just to raise revenue
  - Concerns about privacy
- Limits direct contact between police and public
- Speeding culturally acceptable



# Proposed SacBAC recommendations to Board/Council

- Support SF's efforts on ASE
- Support ASE legalization through California State Association of Counties and League of California Cities
- Request local state legislator carry bill to allow ASE under state law