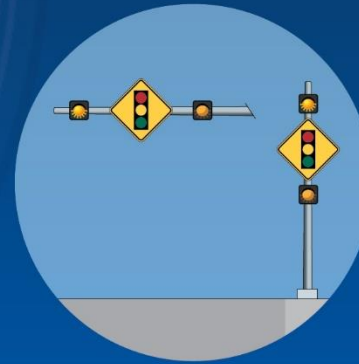
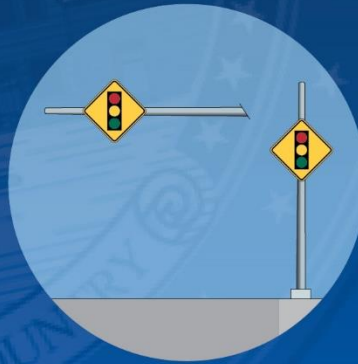


# Statewide Advance Signal Warning System Changes



## Project Overview

- ASWS are used to alert drivers of upcoming traffic conditions, especially the potential need to stop at a signalized intersection.
- ASWS include the yellow signs stationed over the roadway that often feature flashing yellow lights to warn of a traffic signal ahead.



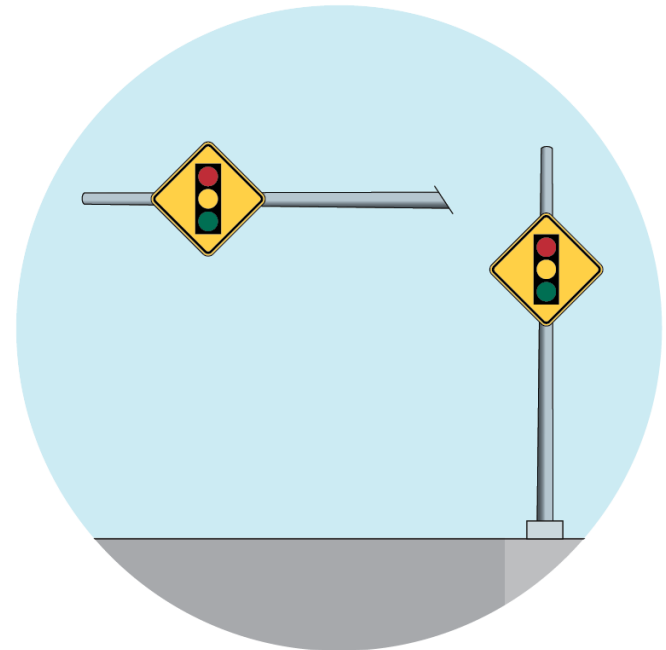
- **GOAL:** to develop a unified approach statewide that promotes uniformity and consistency in the treatment of ASWS specific to each intersection's individual needs.
- This will enhance the safety of the traveling public and promote better driver behavior. Similar modifications in other states have shown a reduction in crashes, including severe crashes and crashes from drivers running red lights.



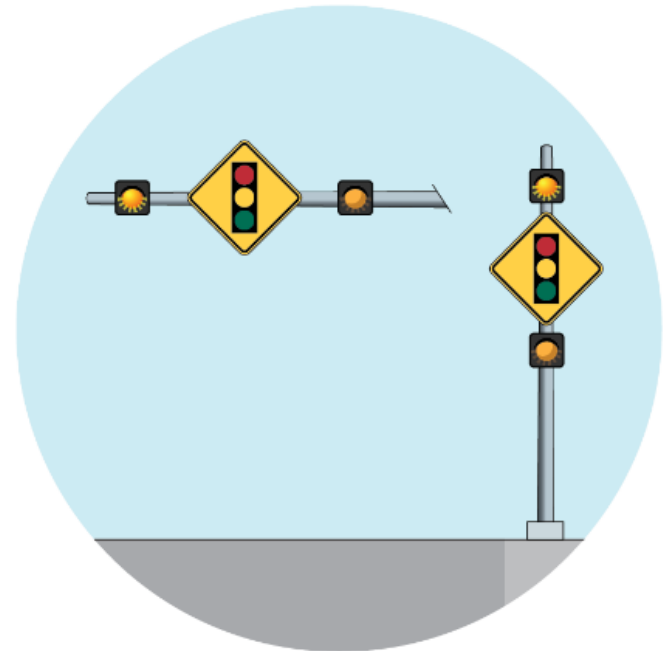
- **STATIC SYSTEM:**

Only includes signage alerting drivers to an upcoming traffic signal or intersection.

- Best used if:
  - Signal is visible from an adequate distance but there is still a need to provide some advance warning.



- **PASSIVE SYSTEM:** Includes signage and a continuously flashing beacon.
- Best used if:
  - Signal is visible from an adequate distance but drivers are transitioning from a rural to an urban area
  - Signal is isolated, unexpected, and/or road speeds are above 45mph



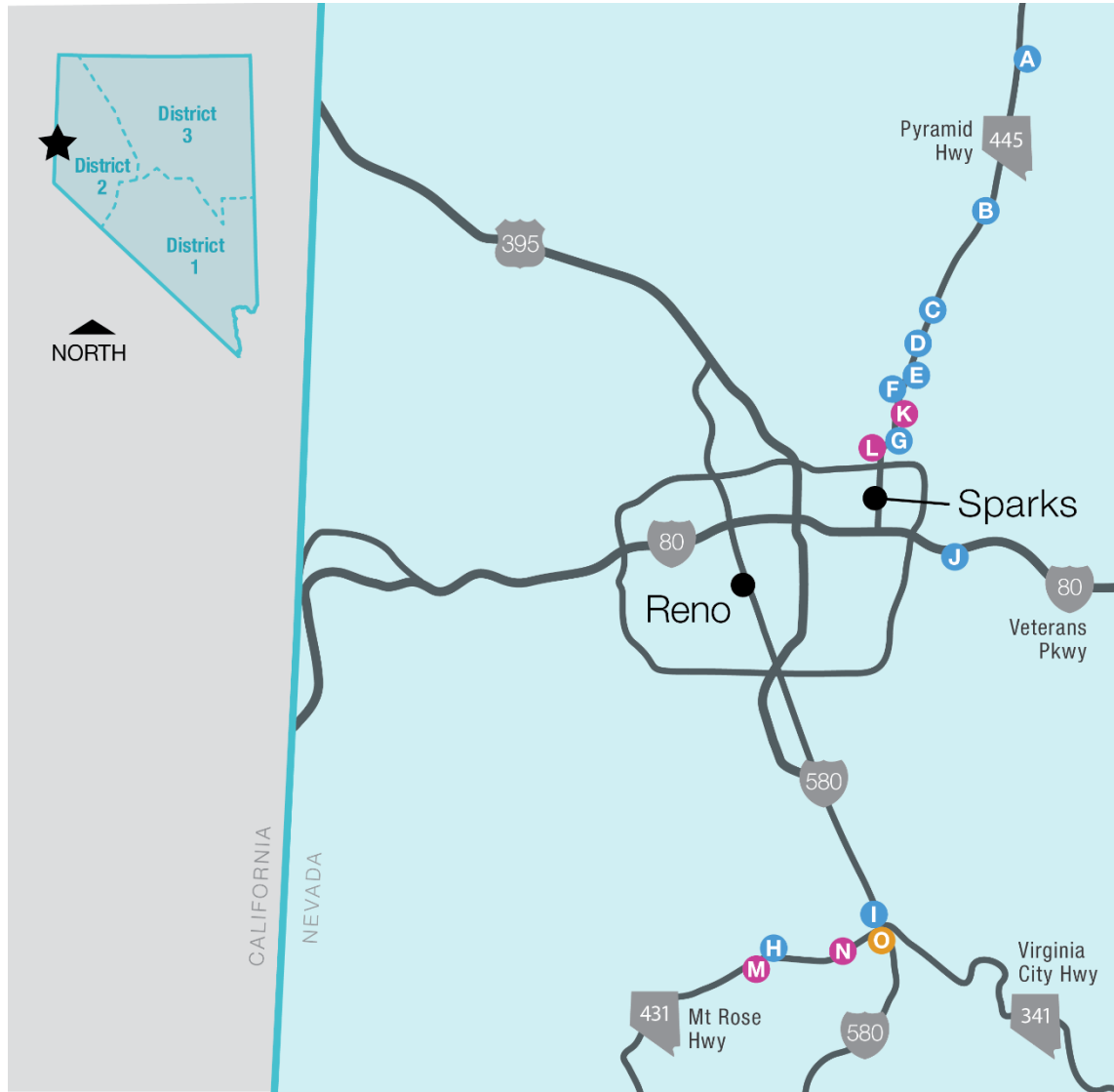
- **ACTIVE SYSTEM:** Includes signage and a flashing beacon that is connected to the signal controller, and only flashes during a signal change, such as from green to yellow, or when a signal is red.
- Best used if:
  - Signal has limited sight distance that doesn't provide proper reaction time
  - Area has heavy truck traffic, winter or other conditions that require additional stopping distance or reaction time



- Timing is being modified to promote safer driving behaviors. Currently, at certain intersections, an advanced notice is being given to drivers and they are “overdriving” or attempting to “beat” the signal and running red lights.
- Timing will vary for each advance signal and is dependent upon the geometry and site conditions at each location.



# RENO-SPARKS AREA



## TRAFFIC SIGNAL REMAINS, ELIMINATE ADVANCE WARNING SIGN



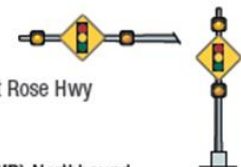
- A** (NB) SR-445 Pyramid Hwy / Calle De La Plata
- B** (NB/SB) SR-445 Pyramid Hwy / Eagle Canyon Dr / La Posada Dr
- C** (NB/SB) SR-445 Pyramid Hwy / Lazy Five Pkwy
- D** (NB/SB) SR-445 Pyramid Hwy / Sparks Blvd
- E** (NB/SB) SR-445 Pyramid Hwy / Golden View Dr
- F** (NB/SB) SR-445 Pyramid Hwy / Los Altos Pkwy
- G** (SB) SR-445 Pyramid Hwy / Disc Dr
- H** (WB) SR-431 Mt Rose Hwy / Thomas Creek Rd
- I** (SB) US-395A / SR-431 Mt Rose Hwy
- J** (NB) I-80 Veterans Pkwy / Greg St

## MODIFY TIMING



- K** (NB) SR-445 Pyramid Hwy / Disc Dr
- L** (SB) SR-445 Pyramid Hwy / Farr Ln / Queen Way
- M** (EB) SR-431 Mt Rose Hwy / Thomas Creek Rd
- N** (EB) SR-431 Mt Rose Hwy / Wedge Pkwy

## CONVERT TO PASSIVE



- O** (NB) US-395A / SR-431 Mt Rose Hwy

(SB) Southbound  
(EB) Eastbound

(NB) Northbound  
(WB) Westbound

## SCHEDULE





- Access to businesses and residences will remain open at all times and traffic alerts will advise drivers before any major construction. Where needed, flaggers will be stationed at designated areas to maintain safe travel.
  
- Construction activities could include:
  - Lane closures
  - Traffic delays
  - Detours
  - Noise, dust and vibrations

- Drive attentively
- Make a complete stop at all red traffic signals and stop signs
- Lift your foot off the accelerator and look both ways before crossing an intersection on a green signal
- Yield to other drivers, bicyclists and pedestrians
- Look right before turning on green
- When stopped at a red light, look both ways before proceeding on a green light to make sure the intersection is clear





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