

In a Wrong Way Alert System universe, a vital component needed in the success of the system's ability to perform, is true detection of Wrong Way Violators. The ability to decipher and validate what is truly a Wrong Way Driver from what is only perceived or falsely detected as a Wrong Way Driver is crucial.

Many factors can trigger a radar detector and prompt a Wrong Way Alert system to react. These factors are not always Wrong Way Violators, but can also be other latent movements which can be detected. Additionally, there are some instances where Wrong Way Violators are detected, triggering an immediate reaction by any initial detection to promptly activate any sign mounted LED illumination. This may be enough for an offender to realize that they are going in the wrong direction which may cause the driver to correct their behavior and safely navigate back in the right direction. However, though the driver may have safely corrected their behavior, without System Collaboration™, there remains a high probability that this would result in false notifications being delivered to first responders.

In either case ... Collaborated Detection = True Notification.

911 Responders, City, County and DOT Officials rely heavily on accurate notification of actual detected Wrong Way Drivers being delivered.

So how does TrafficCalm's Wrong Way Alert™ System eliminate False Detections and provide true notifications all within 20 seconds upon detection?

### **COLLABORATION** *(patent pending)*

TrafficCalm has successfully developed a unique collaborative system of multiple detectors to eliminate false calls. This system is currently being utilized with outstanding results in several States including Arizona and Idaho.

Multiple detection zones (usually 3) are established within a location to create a reliable, collaborative network of detectors. Each will serve an individual purpose within this group to identify, react, photo capture, confirm and ultimately notify predetermined agencies of a Wrong Way Violator's uncorrected behavior.

## *Detection Zones*



**ZONE 1:** Front Line Detection.

**ZONE 2:** Intermediate Detection. Zone 2 may behave as Front Line Detectors or Incident Confirmers.

**ZONE 3:** This is where confirming Detectors watch for and validate wrong way traffic reported by **Zone 1** or **Zone 2** Detectors.