



NATIONAL SIGN AND SIGNAL

# VADS - Vehicle Alert Detection System

National Sign and Signal has recently developed a proprietary vehicle flow control safety system designed to detect and deter vehicles attempting to enter a highway, one-way street or railroad crossing from the wrong direction or at a restricted time. Utilizing state-of-the-art intelligent microprocessor-controlled radar motion sensors and traffic control equipment, VADS identifies and tracks misdirected traffic in real-time, immediately generating visual and audio alerts when user-defined traffic flow rules are violated. The innovative system can provide progressive levels of access denial to wrong-way traffic with negative resistance polymeric delineators and/or positive resistance stainless steel barriers. VADS can be easily installed and operated at any exit ramp, intersection or railroad crossing, including remote areas where electricity is not accessible.



## Notable features:

- Easy point-and-click system applies user-driven security rules and requirements, alerting drivers and authorities when a vehicle enters a roadway from the wrong direction or a railroad crossing at a restricted time
- Video and audio alerts provide drivers with time-critical warnings to indicate that they have created an unsafe driving condition  
Alerts include:
  - Flashing LED strobe lights
  - Internally illuminated case signs
  - LED or fiber-optic B/O signs
  - Siren and horn signals
- Optional retractable polymeric barriers and/or stainless steel barriers can be added to VADS as a safe and easy way to stop and/or redirect misdirected vehicles
- Alerts are broadcast instantly and automatically utilizing high-speed Ethernet radio, cellular or satellite communication to notify local and/or state police or authorities of a potential safety breach
- RMS microprocessor-controlled 24 GHz radar motion sensors monitor the vehicle flow on a specific roadway or railroad crossing
- Powered by a 24-volt system that can be charged using standard 110VAC or solar power
- Seamless integration with existing safety or travel alert infrastructure
- Simple, cost-effective installation



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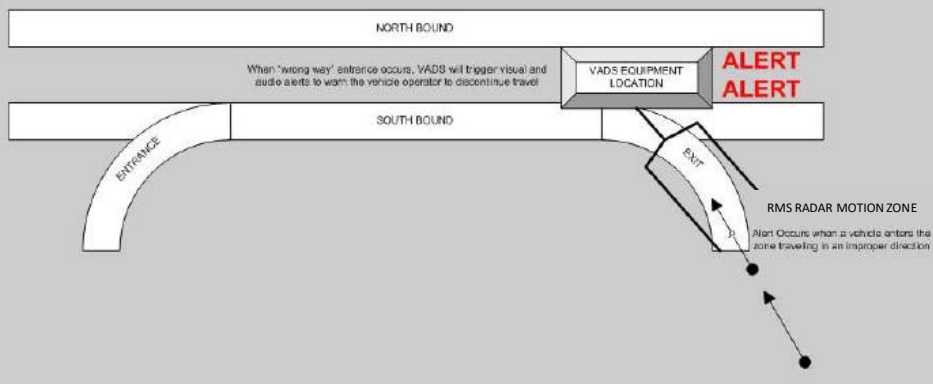
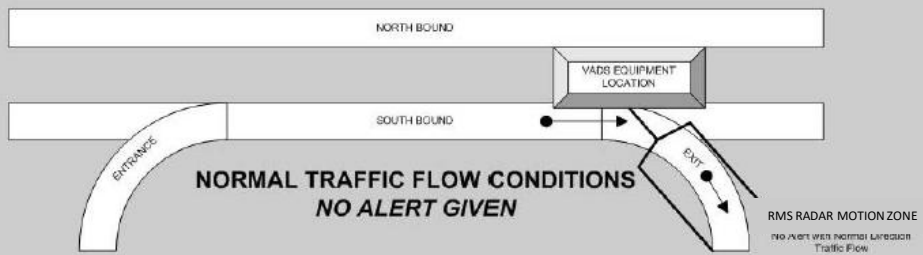
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## Applications:



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