

**Road crashes are predictable and preventable**, yet over 37,000 people die and many more injured each year on U.S. roadways. One area we examine are points of roadway entry and exit for heavy payload trucks (i.e. gravel, fracking, logging, mining). We know changes to the flow of traffic create increased vulnerability for accidents. What safety measures can we implement to save lives?

Advance warning is vital to alert drivers of changes to driving conditions. When awareness and attention can be captured, the behavior of motorists can be altered to improve safety.

- Reduce Speed
- Lane Changes
- Improved Driver Focus

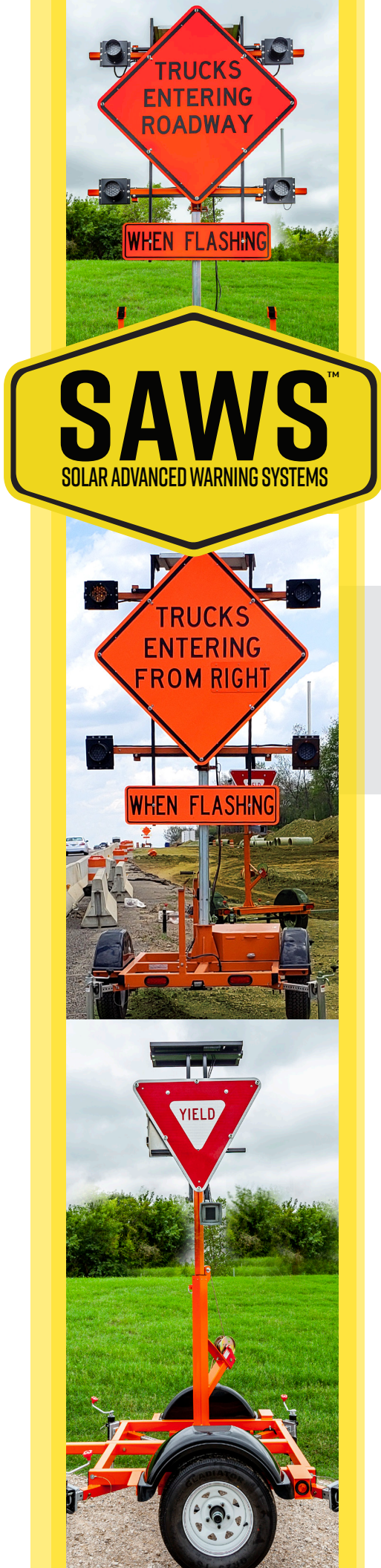
## Introducing Solar Advanced Warning Systems

### Features

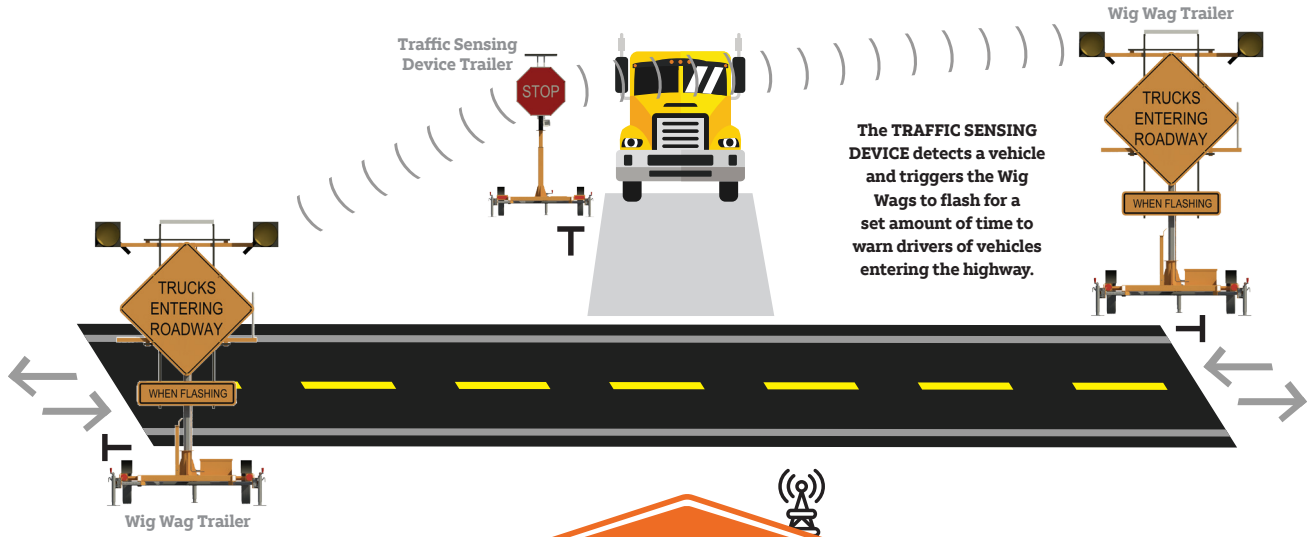
- Automatic shutdown for battery protection (LVD)
- Bluetooth beacons for inbound triggering
- Built-in solar charge controller
- Easy installation and setup
- Exclusive channels to allow multiple adjacent deployments
- Extended temperature operation: -40 to + 165 deg F
- Integrated 900MHz (LAN) designed for extended range
- Operating System easily controlled from any smartphone
- Plug and play with multiple sensing devices
- Solar assisted; battery powered
- Traffic Sensing Device Trailer (TSDT) standard without sign
- Vary time flash from 15-255 seconds as desired

### Options

- Cloud-based storage and communication platform
- Data collection and reporting available
- GPS service available (Add on)
- LED Edge-Lit regulatory sign for TSDT
- Reflective sign material - MUTCD compliant. (ALL Standard ASTM types and legends available)
- Upgraded battery and solar panel for harsh weather locations
- 6" (4) beacons or 12" (2) beacons



**SAWS**<sup>TM</sup>  
SOLAR ADVANCED WARNING SYSTEMS



The **TRAFFIC SENSING DEVICE** detects a vehicle and triggers the Wig Wags to flash for a set amount of time to warn drivers of vehicles entering the highway.



## How does SAWS work?

Powered by a proprietary wireless network (SAWSCOM™), the system is designed to detect approaching construction vehicles; activating a TSDT (Traffic Sensing Device Trailer) which then triggers communication to activate LED Wig-Wag Sign Trailers. The

Edge-Lit advanced warning sign and beacons on the main roadway warn motorists of trucks entering the roadway. The SAWS system only flashes when triggered by the approaching construction vehicle. The system aiming function minimizes false triggers.

## Specifications

### Wig Wag Sign Trailer

- Top mounted solar panel power system is designed to allow year-round operation with very little maintenance
- Standard MUTCD signage and legends
- 8 LEDs mounted in an edge-lit configuration on the Sign face
- Center mast design for more efficient towing and set-up
- Four corner drop leg extension jacks for consistent levelling and footprint
- Removable tongue for security
- Lockable steel battery enclosure
- Bluetooth receiver for egress triggering
- Wi-Fi enabled for on-site smart phone programming

Travel Height – 102” **Dimensions** Length w/ Tongue – 110”  
 Display Height – Length w/o Tongue – 54”  
 143” Width – 72”

### Traffic Sensing Device Trailers (TSDT)

- Top mounted solar panel power system is designed to allow year-round operation with very little maintenance
- Standard MUTCD signage and legends
- 8 LEDs mounted in an edge-lit configuration on the sign face
- Center mast design for more efficient towing and set-up
- Four corner drop leg extension jacks for consistent levelling and footprint
- Removable tongue for security
- Lockable steel battery enclosure
- Bluetooth receiver for egress triggering
- Wi-Fi enabled for on-site smart phone programming
- Optional 36” MUTCD Edge-Lit Stop Sign or Yield Sign
- High mounted electronics enclosure for reduced vandalism
- Adjustable Traffic Sensing Device (TSD) for accurate triggering when haul vehicles are present

Travel Height – 89” **Dimensions** Length w/ Tongue – 110”  
 Display Height – 120” Length w/o Tongue – 54”  
 Width – 72”



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