

**VILLAGE OF WINDSOR
VILLAGE BOARD RESOLUTION 2019-66**

**RESOLUTION AUTHORIZING THE INSTALLATION OF 4-WAY STOP SIGNS AT
WINDSOR RD/PORTAGE RD INTERSECTION**

WHEREAS, the Windsor Village Board has a high regard for the safety of those that drive on Village roads; and

WHEREAS, the Public Works Department and the Village of Windsor Deputies have also indicated a need for additional Stop signs to be added at Portage Rd/Windsor Rd intersection creating a 4-way Stop intersection;

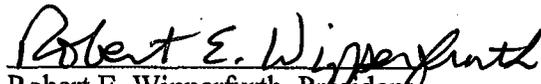
WHEREAS, the safety of those traveling on these roads will be enhanced by making this intersection a 4-way Stop intersection.

NOW THEREFORE, BE IT RESOLVED, by the Village Board of the Village of Windsor that it hereby resolves as follows:

The Village Board concurs with the Public Works Committee, Windsor Deputies, and the Public Works Director's recommendation to create a 4-way Stop intersection at Portage Rd/Windsor Rd and to install the appropriate signage.

The above and foregoing Resolution was duly adopted at a regular meeting of the Village Board of the Village of Windsor on June 20, 2019, by a vote of 5 in favor and 0 opposed.

VILLAGE OF WINDSOR


Robert E. Wipperfurth, President

Attested by:


Christine Capstran, Clerk

Incorporated by Reference:

Exhibit A: Memorandum from Public Works Director dated June 11, 2019

Exhibit B: Sign Alert Product Brochure



Windsor

Growing Forward

Memorandum

To: Windsor Village Board

CC: Tina Butteris, Village Administrator
Christine Capstran, Clerk

From: Davis Clark, Village Public Works Director

Date: June 11, 2019

Re: 4-Way Stop intersection at Portage Rd and Windsor Rd

In a continuing effort to increase traffic safety, we are requesting that we make the intersection of Portage Rd and Windsor Rd into a 4-Way Stop intersection. Solar powered flashing Stop signs would be added to the east and west bound sides of the intersection.

The Public Works Director and Public Works Committee are asking the Village Board to approve the creation of a 4-Way Stop intersection at Portage Rd and Windsor Rd and that the appropriate signage be added.

Exhibit A

Exhibit B

TRAFFICALM™ SYSTEMS

SignAlert
Enhancement System

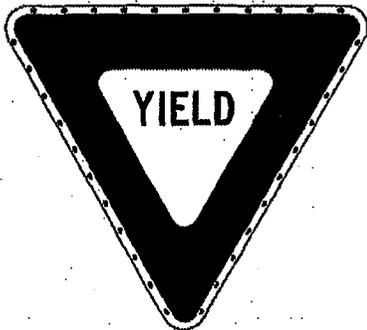
PRODUCT BROCHURE

RELEASE 2019





**A field retrofit
"Sign Enhancement"
system that is simple,
affordable, and designed for
hassle-free
installation**



Why TrafficCalm?

- ISO:9001 Certified USA based manufacturing facility
- Vandal resistant designs
- Industry leading turn-around from order to delivery
- Unlimited tech support and customer service from our USA facility
- Industry Pioneers in LED Enhanced Signage

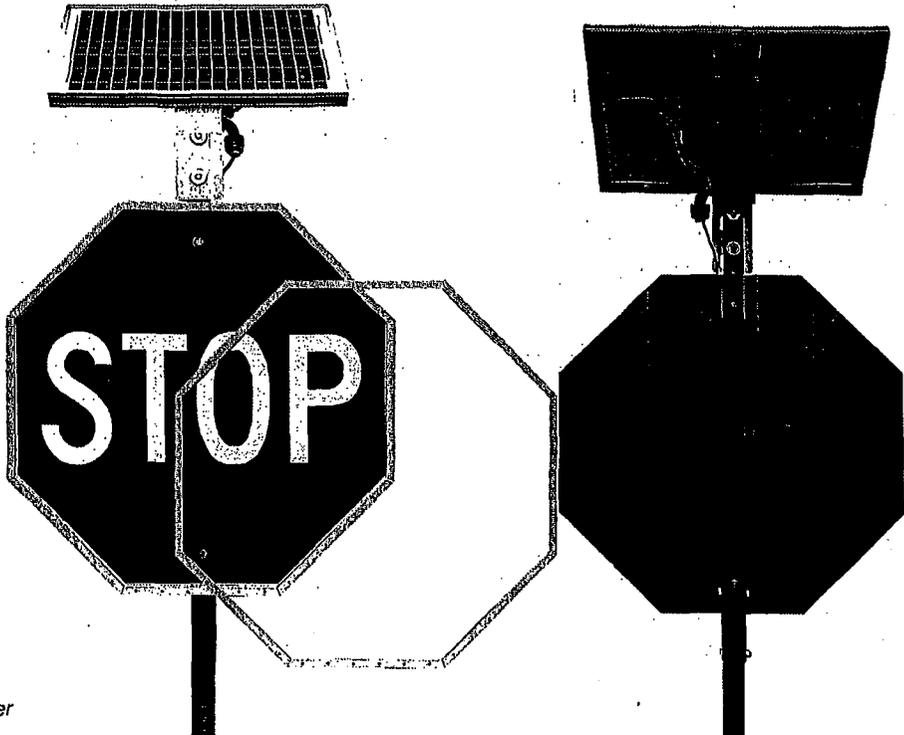
Almost any existing sign can be field retrofitted with a SignAlert™ Enhancement System. Solar or AC power is available

The Problem

The traffic industry has long recognized that many sign scenarios (placement, visibility, etc.) are more critically important than others. Some signs simply cannot be ignored. There has been a rumble need in the industry for a simple and affordable way to retrofit existing signs with additional levels of warning for those situations that demand them — and to do this in such a way that the additional alert system can be motion activated to conserve power and extend the life of the LEDs

The Solution - SignAlert® LED Enhancement System

- LED rings field retrofit onto almost any existing sign
- Very affordable
- 6 Level - auto-dimming at night
- Solar or AC power options
- Motion activation and data collection options
- High intensity LEDs visible day or night (visible up to 2 miles at night)
- Hassle-free installation. (No dirt moved means less permits, and streamlined implementation)
- LED flashers face mount on existing signs with permanent bonding tape and/or mechanical fasteners
- Scheduling functionality expands system versatility and performance



SignAlert™ Basic System

Specifically engineered to enhance a single, standalone sign. Examples include speed zone reductions, advance warnings, and speed limit regulation

Feature Highlights:

- ◆ Affordable implementation, easy installation
- ◆ Configuration Web app works on any Wi-Fi phone, tablet, or PC
- ◆ Radar option adds real-time feedback to drivers
- ◆ Battery and solar options for extreme performance
- ◆ Dynamic scheduling function
- ◆ Wide range of input trigger devices, including buttons

SignAlert™ Advanced System

Today's pinnacle of sign enhancement. Designed to wirelessly unify signs and sensors to provide unparalleled flexibility of application and use. Examples of include sequential chevrons, pedestrian activation, and wrong way mitigation

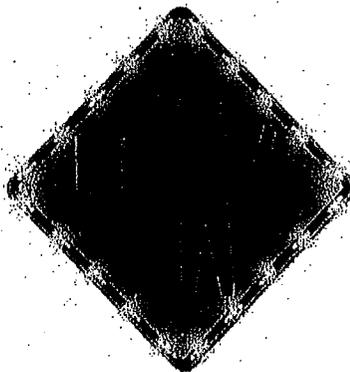
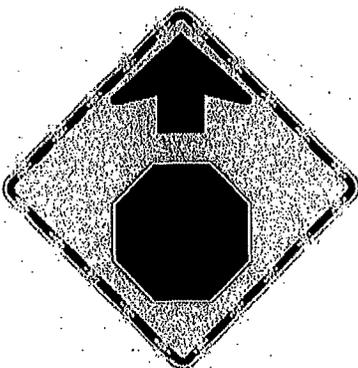
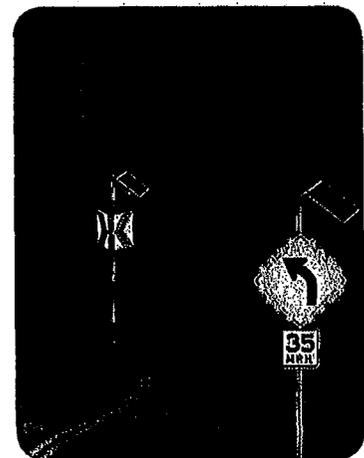
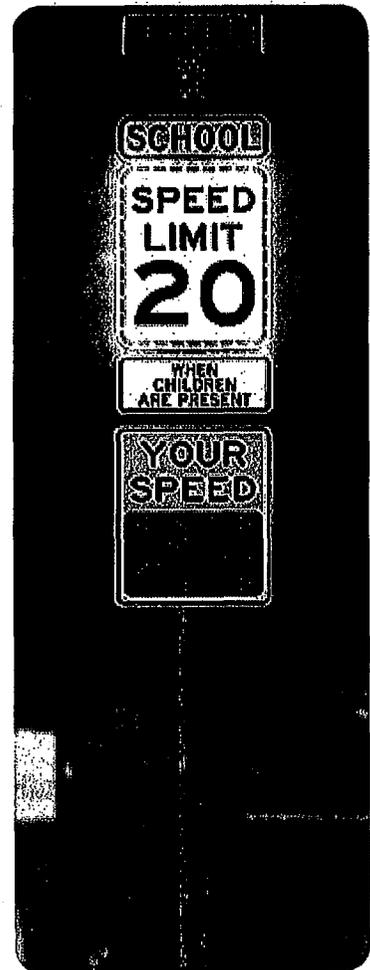
All the benefits of our Basic System, plus:

- ◆ Radio Collaboration between signs and input sensors
- ◆ Configuration of complex scenarios made easy in app
- ◆ Fastest implementation with intuitive wireless technology
- ◆ Individual units easily field upgraded or replaced

Need Help Deciding?

CALL OUR KNOWLEDGABLE SALES TEAM AT
1-855-738-2722

Create a "Visible School Zone"



TrafficCalm Systems
5676 E. Seltice Way, Post Falls, ID 83854
1-855-738-2722
sales@trafficalm.com
www.trafficalm.com

SignAlert™ Basic System | Specifications

Controller Unit

Weight with Battery	12 lbs. with 10Ah Battery
Power Requirements	
Voltage	11VDC to 15VDC (VBATT)
Charger	Intelligent MPPT solar controller accepts 17VDC to 25VDC at 60W Max
Battery *	LiFePO4 10Ah standard. Optional: ATB (Pb SS) 13 Ah wide temperature available
Autonomy (20Ah)	7 Days (24-7 operation)
Panel Supplied	20W, 17.2V MPPV, 21.6V open circuit, 30W and 60W options available
Insolation Required	2 Hours of uninhibited sun each day
Outputs	Beacon – 2 each 12W Max. 30V Max. DC high side driver output
Mounting	Universal mount adapter engineered to work with most standard posts

System Operating Temperature Range

Components except battery:	-34°C to +74°C
Battery	-20°C to +50°C (LiFePO4) standard. Optional -40 degree C to +65 degree C (ATB Pb SS) available

SignAlert™ Advanced System | Specifications

Controller and Collaborator Units

Weight with Battery	12 lbs. with 20Ah Battery
Power Requirements	
Voltage	11VDC to 15VDC (VBATT), 240mW in Standby (scanning), 1.8W avg in activated mode (varies by flasher model)
Charger	Intelligent MPPT solar controller accepts 17VDC to 25VDC at 60W Max
Battery	LiFePO4 10Ah standard. Optional: ATB (Pb SS) 13 Ah wide temperature available
Autonomy (20Ah)	7 Days (with white LED)
Panel Supplied	20W, 17.2V MPPV, 21.6V open circuit, 30W and 60W options available
Insolation Required	2 Hours of uninhibited sun each day
Enclosure Rating	NEMA 4

System Operating Temperature Range

Components except battery:	-20°C to +45°C standard. Optional -34 degrees C to +65 degrees C available
Battery	-20°C to +50°C (LiFePO4) standard. Optional -40 degree C to +65 degree C (ATB Pb SS) available

SignAlert™ Led Enhancement Rings | Specifications

Compatibility	All MUTCD suggested sizes of Stop, Warning, Speed Limit, School, Chevron, Wrong Way, Do Not Enter, and Yield Signs
Size	Stop: 24, 30, 36, 48. Warning: 30, 36, 48"
Mounting	Outdoor rated Mounting Tape and provisions for easy match drilling and riveting.
LEDs	Red (626nm): 15 degree cone of view; Rated 100,000 hours; 20K CDA/ M ² , Auto Dimming Employed
	Amber (590nm): 15 degree cone of view; Rated 100,000 hours; 20K CDA/ M ² , Auto Dimming Employed
	White (Cool White): 30 degree cone of view; Rated 100,000 hours; 25K CDA/ M ² , Auto Dimming Employed
	LED Count (Stop Signs): 24": qty 40, 30": qty 48, 36": qty 48, 48": qty 72 LED Count (Warning Signs): 30": qty 64, 36": qty 80, 48": qty 112
Power	10V to 18V
	0W standby or OFF (No power required)
Flash Patterns	1 Hz, 1/2 second duty alternating or unison, RRFB, Emergency Pop (some patterns not MUTCD compliant)
Dimming	6 levels as determined by solar panel illumination