

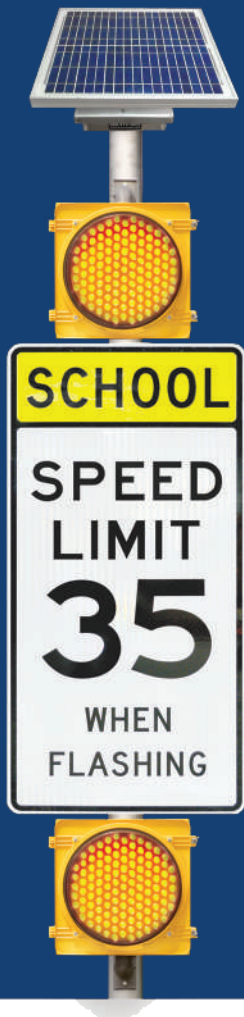


**Building the most advanced and reliable solar school zone warning signs and traffic safety products that make operation and installation simple isn't a job -- it's our mission.**

According to the National Highway Safety Administration (NHTSA), accidents involving pedestrians occur most often around the hours when students are traveling to and from school. With about 82 million grade school students and over 18 million college students enrolled in U.S. schools, every city and school must make providing safe school routes a priority. Traffic around school zones can be heavy during the school day. Drivers often don't notice the reduced school zone speed limits or school cross walks. For this reason, Solar Lighting International, Inc. provides school zone warning systems that are solar-powered traffic warning signs and beacons with flashing beacons that alert drivers to reduce their speed during school hours. Our school zone flashing warning signs and flashing traffic beacons for school zone signs meet federal traffic safety requirements. Safe Routes to School (SRTS) funding accepted.

- ▶ NCHRP 350 Crash Tested
- ▶ MeetS ITE & MUTCD requirements
- ▶ NEMA T2 Tested and Approved.

Solar Lighting International, Inc. has been serving the traffic industry since 2004. During the past 20 years we have become a leader in providing American Made Buy American compliant solar school zone traffic safety products. SLI offers a complete line of products for schools to make drivers more aware of the street traffic and pedestrian conflict areas with children in the area. School traffic solutions that include solar powered flashing beacons, RRFB school zone flashers, solar flashing stop signs beacons, traffic warning flashers, radar speed monitors, construction message boards, solar powered arrow boards, and many custom traffic signs and traffic warning beacons.



## SCHOOL ZONE SPEED LIMIT WARNING SIGNS

*Integrating LED Flashing Beacons, Rectangular Rapid Flashing Beacons - RRFB or LED integrated Signs using solar power.*

Solar Lighting International provides School zone flashing beacons and flashing school zone signs, to alert drivers in school zones of the speed limit in the school zone. We realize that school zone warning signs have many competitors in the multitude of LED warning signs, beacons, and other traffic signs. To the left we show a traditional solar powered school zone speed limit sign with flashing beacons. Then to the right we offer a solar-powered school zone sign with integrated LED lights around the sign. Both are programmable for year-round operation.

◀ Traditional  
Beacons

Sign Alert with LED Inserts ▶



## CONTROL SYSTEMS



**7-Day Timer** We offer the economical 7-Day Timer in our Eco Systems for greater cost savings. Similar to the 365-Day Timer, the 7-Day Timer allows programming of set day and times for the school warning sign and solar beacons to be activated. The only limitation is the weekly basis. Our Eco school Beacons systems are designed with the control box located under the solar panel at the top of the sign pole. Drop down control box available.



**365-Day Timer** The standard School Zone alert warning sign system is equipped with a 365-Day Programmable Timer. This allows you to set the days and times of day to activate the traffic flashing beacons on your warning signs. The advantages of the 365-Day Timer allows regular days and holidays to also be programmed for the a complete year round solution.



**CrossLink** CrossLink is a USB programming device that works in combination with Solar Lighting International's traffic controller to program warning and alert signs wirelessly from your computer using our software. CrossLink wireless programming option allows an entire school year to be programmed easily and quickly.



**CrossTalk** The CrossTalk is our complete Solar-Powered charger, wireless communication and, Lighting Controller. It is designed for school zone flashing systems, crosswalks / pedestrian cross walk systems, sand more. Utilizing solar power with both 4g-5g and wireless connectivity. CrossTalk applications provide more functionality and flexibility than "hard wired" systems.



# SOLAR POWERED SCHOOL ZONE CROSSWALK SIGNS

## Wireless Crosswalk Sign

We understand that children and pedestrians trust their safety to street crossing signs. That's why we take the utmost care to use the brightest LEDs for our traffic warning signs, in our traditional flashing beacons, led integrated sign alerts, and RRFBs (Rectangular Rapid Flashing Beacon) systems. Our solar powered traffic warning signs incorporate the most up-to-date technology with electronics to maintain power levels through rain, shine, sleet, or snow. Our solar powered LED traffic signs are made for reliable long life and low maintenance. Our 12" super right traffic signal beacons have AC and solar powered options to enhance the visibility of school crosswalks.

## Solar School Crosswalk with Wireless Push Button activation

Wirelessly activate the street crossing area using a preprogrammed timer for the school flashers or flashing signs to operate.

The **RRFB** LED beacon option for school crosswalks have been proven to increase child safety at uncontrolled crosswalks. Their amber LED color and rapid flash pattern make them ultra visible in difficult night-time lighting conditions such as headlight glare and wet roads. According to a study by the National Highway Traffic Safety Administration, RRFB flashing beacons were found to increase the effectiveness in causing drivers to yield to pedestrians from 0-26% to 72-96%.



## CrossTalk CrossWalk CONTROL



The CrossTalk CrossWalk is an efficient and cost saving solution to crosswalk sign alert function. The CrossTalk CrossWalk programmable controller is designed for school crossings, school crosswalks, and pedestrian crossings where warning signs are on both sides of the street. This provides communication between the traffic poles signs using a wireless option, eliminating the need to bore under the street and running wire to other crosswalk signs. Wireless pushbutton activation, using solar power to control the flow of traffic and stop traffic as required.



The solar powered school crosswalk offers the ability to custom program the required amount of time the solar powered LED warning signs or beacons flash with our CrossWalk - so simple our boss can do it.

Simply turn the marked flasher timing dials to the desired amount of time in seconds, minutes, or hours and the system is set to activate.



# SCHOOL ZONE SPEED LIMIT WARNING, RETROFIT, AND UPGRADE SOLUTIONS



School Zone Warning Signs and School Zone LED traffic sign retrofit and upgrade kits from Solar Lighting International, Inc. are a low-cost solution to replace existing outdated or damaged warning signs. Our school zone solar upgrade kits provide a cost-effective, easy-to-install replacement. Standard traffic warning systems for schools use the 365-Day Timer that is set manually providing a simple safety beacon control and benefits throughout the entire district upgrade to the solar-powered integrated, compact all-in-one solar panel charge controller, flasher, auto-dimmer, and school zone traffic schedule.

**BASIC COMPONENT COSTS** - The CrossTalk easily upgrades any system without having to replace components such as signs, beacons, control boxes or traffic poles.

- ▶ **Save Time** - Use the CrossTalk to program one or multiple signs in multiple locations from virtually anywhere at any time with any device that has internet access (desktop computer, laptop, tablet or smartphone).
- ▶ **Worry-Free** - Set the schedule for a complete year including holidays and special events and forget it with the CrossTalk. In special cases such as emergencies, your system's schedule can easily and quickly changed.
- ▶ **Save Money** - Solar power and wireless connectivity means no monthly electric bill.
- ▶ **Save Labor** - Wireless connectivity means never having to bore under roads, wiring, or wiring maintenance.
- ▶ **Save Maintenance Costs** - The CrossTalk self-monitoring feature can send alerts to the managing technician via email and/or text for low battery, sign orientation, and beacon failure. With only two components (CrossTalk and battery) maintenance and repairs are simple. We use a standard, maintenance-free, sealed battery that can be purchased locally.

*Solar Lighting International, Inc. will also custom-design a school zone warning solution to meet any specifications.*



*A clean solar traffic control box means easy repairs when needed*



*Competitor's control box.*



**Solar Lighting International, Inc.**

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