

# SOLAR TRAFFIC CONTROLS

## “Wireless” Traffic Control Solutions

### *Solar-Powered Radar Speed Display Systems*

#### **System Configurations**

- Timed operation
- Continuous duty
- Remotely controlled

#### **Features**

- Maintenance-free, sealed batteries
- LED displays or other formats
- Completely self-contained systems
- Built in night dimming (LED displays)
- Approach-only Radar
- Modular electronics for high reliability
- Offender warning option with programmable speed threshold

#### **Benefits**

- Complete documentation package included
- Solar power - a free energy source eliminates need for utility hook-up
- Cost effective, affordable prices to fit your budget
- Low installation and operating costs
- Virtually no maintenance
- Quick to deploy in most locations
- High level of integration minimizes installation time
- Increases public safety
- No power drop; no trenching; no boring; no sweat
- Designed specifically for user's application site\*\*



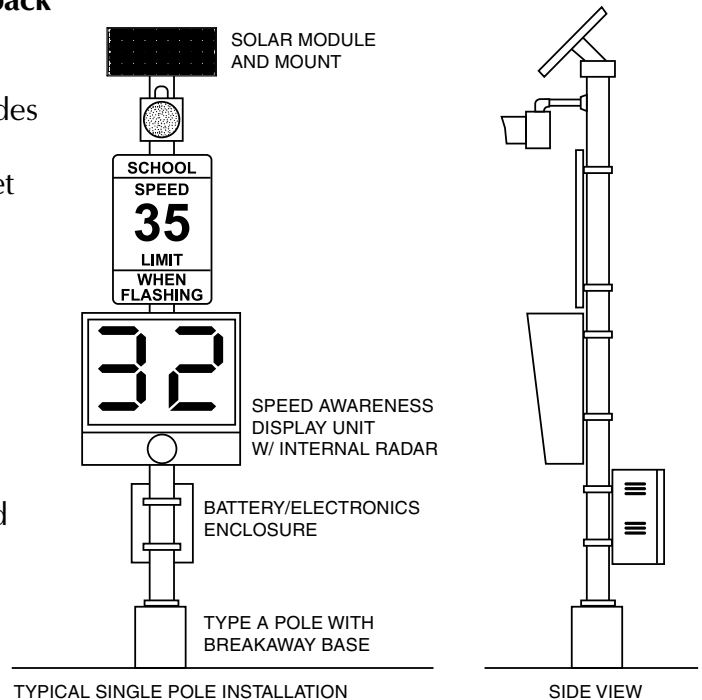
#### **Applications**

- School Zones
- Freeway transitions to streets
- General traffic calming
- Entries to rural municipalities
- Sharp curves or road hazards

*\*\*We need your project's location, load and duty cycle. Insure that your system is properly designed with a Sizing Report – the basis of your warranty – call STC or visit our Website; click on Provide Your Requirements. Fax or email completed form to STC.*

## Speed Enforcement through Driver Feedback

Radar speed displays offer motorists the ability to police themselves and observe speed limits. Solar Traffic Controls provides a number of options for solar-powered speed displays to fit your project's budget and needs. All systems include a solar array designed for your mounting requirements and a power system enclosure with all the necessary control electronics for your system. Options include timers or pagers for scheduled activations; radio packages for remote control and school zone flasher packages. Systems can be designed to mount on existing street lamp poles (band mount) or designed to mount on 4.5-inch O.D. poles. Aluminum pole kits with breakaway bases are optional.



## Solar Power: a free source of energy

Our solar-powered systems are designed for quick and easy installation in the field. STC's careful front-end engineering minimizes your installation costs and provides years of trouble-free operation. The standard solar power system includes the solar array, system enclosure with all the necessary electronics, color-coded wiring harnesses, sealed batteries and full documentation. DC LED lamp kits can also be purchased. These include the LED beacon, lamp housing, and mounting hardware.

## STC Systems are Cost Effective

Our solar traffic systems allow you to stretch your budget to obtain the traffic safety devices you need at affordable prices. Most systems are equivalent to the cost of obtaining an AC power drop. Battery life for these systems is typically three to six years: less expensive than grid electricity for the same period of time.

Solar Traffic Controls (STC) designs and manufactures solar-powered traffic control systems for city, state and federal DOTs across the U.S. Our primary products are solar-powered flashing beacon systems used for school zones and 24-hour applications. We also supply specialized flasher systems using environmental sensors and custom communications packages to control the flashing beacon systems. Our product spectrum also includes wireless power systems for ITS, EMS and HAR. STC's products and services are sold through a network of regional distributors who offer technical support for your project.



### **For more information**

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