



# “Wireless” Traffic Control Solutions

**APPLICATION:** *Solar Flashing Beacon Systems for Fire Stations*  
**LOCATION:** Gilbert, AZ U.S.A.

## **Description**

### **Fire Station Type I Radio-Activated Fire Station Flasher**

Choose either handheld radio transmitters for activation, wall-mounted unit for the fire station, or an optical detector. Confirmation lamp option. Lamp configurations available: 8-inch or 12-inch DC LEDs. Each unit contains control logic for timing.

All timing is set and monitored on an LCD screen in the logic device. Radio is a 27.255Mhz, license-free unit with a range of 0.5 mile on the handheld units, and a range of 5 miles on the wall-mount unit. Line-of-sight required for proper operation. All units include a self-test button so the system can be manually activated.



*Typical Type I radio-activated fire station flasher.*



*Optical sensor with radio transmitter at end of fire station driveway.*



**Take these steps to insure the success of your solar-powered project:**

1. Location - identify the site of the application; for example, the nearest town, village or city and state.
2. Load - specify the number and size of lamps, timers or other controls (anything which draws power).
3. Duty Cycle - determine how many hours per day and which days per week the load will be drawing power.

**Go to "Send us your requirements" at [www.SolarTrafficControls.com/support/requirements.php](http://www.SolarTrafficControls.com/support/requirements.php) for more details.**

**Solar Power: a free source of energy**

STC's solar-powered systems are designed for quick and easy installation in the field. Our 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 flasher 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 is typically three to six years; less expensive than grid electricity for the same period of time.

Solar Traffic Controls (STC) provides solar-powered traffic control systems for city, state and federal DOTs; police, firefighting and public works departments; facility maintenance and plant safety industries. 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.

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