



## **“Wireless” Traffic Control Solutions**

**APPLICATION: Solar-Powered Equestrian Crossing Flasher**

**LOCATION: San Diego County, CA U.S.A.**

### ***Description***

Solar-powered Equestrian Crossing Flashers are now available and provide an increased measure of safety for equestrian and pedestrian trail users.

The flasher is push-button activated and comes in two positions: low for the pedestrian and higher for the horse rider. This system is located in San Diego County, CA, and installed to heighten motorist awareness at a dangerous crossing.

The system uses a single 40-watt solar module; two 12-inch, DC LED flashing beacons; and is mounted on a mast arm assembly over the roadway for maximum exposure to approaching vehicles. The system has been installed approximately 300 feet in advance of the equestrian crossing.



*Using push-button activation, horse and rider cross safely.*



*Two push-button levels for equestrians and pedestrians.*



*Mast-arm flasher slows down approaching vehicles.*



**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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