"Wireless" Traffic Control Solutions

APPLICATION: *School Zone Beacon*
LOCATION: Glendale, AZ U.S.A. for the City of Glendale

Description

On October 17, 2001 a high school student was fatally injured when a motorhome struck him in front of Independence High School on 75th Avenue in Glendale, AZ.

The crosswalk, where the student was killed, crosses five lanes of traffic on 75th Avenue just north of Maryland Avenue.

Safety measure installed in record time

After a renewed safety study of the crosswalk by the City of Glendale and school officials, a solar-powered, school zone beacon was installed at the crosswalk.

The system was manufactured by Solar Traffic Controls of Tempe, AZ. It features dual 8-inch LED lamps, and programmable time clock for automatic activation.

The solar-powered system runs from 7 a.m. to 4 p.m. daily. It requires no AC connection as it uses clean, renewable and cost-effective energy from the sun. The system was purchased and installed in only 45 days and cost less than an AC-powered system.

Solar-powered school zone flasher runs daily from 7 a.m. to 4 p.m.

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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 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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