



“Wireless” Traffic Control Solutions

APPLICATION: *Solar Ped-X Wireless Crosswalk System*

LOCATION: Chicago, IL U.S.A.

Description

Solar Ped-X systems allow traffic engineers to provide cost-effective crosswalk safety with minimal effort. The “wireless” solution system can be installed in a minimum of time with little cost for preparation other than foundation work.

Solar Ped-X systems are available with options such as audio packages or pedestrian detectors for ADA compliance. Tattletale lamps may also be included as an option.

No power drop. No trenching. No boring. No sweat! Solar power eliminates the need for AC connections, which eliminate monthly utility bills, problems getting a power drop or with power outages.

The integrated charge/flasher control unit includes night dimming for the LED lamps. The controller is all solid-state and includes a temperature compensated charging circuit.

An unlicensed FHSS radio package is included with the system to pass data between the poles. The power and the hop sequence is programmable with the software included with the radios. A built-in spectrum analyzer function for the radios helps identify potential sources of interference in the area to select a suitable hop sequence.



Wireless crosswalk systems from Solar Traffic Controls can help you meet your requirements for crosswalk safety quickly and affordably. Systems are configured for ease of use and installation.



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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