SOLAR TRAFFIC CONTROLS

"Wireless" Traffic Control Solutions

APPLICATION: ***Upgrades on High-Water Flashers***
LOCATION: ***City of Tucson, Arizona U.S.A.***

Description

The City of Tucson recently completed an upgrade to its existing high-water crossing flashers. The flashers are used primarily during the summer monsoon rains which can cause flooding at unbridged crossings. Before the upgrade, a Streets department employee would have to drive to the site to turn on the flashers using a short-range radio remote.

Solar-powered high-water flashers warn motorists of flooding at unbridged crossings.

The upgrade consisted of adding a paging activation device to trigger the flashers using any telephone available and a set of code numbers for security. The software in the receivers allows the user to group the units so they can be turned on individually, in groups by location, by drainage or citywide. When flooding at the crossings is imminent, the flashers are called and activated by the Streets department.

Solar Traffic Controls provided the flasher systems and used a Nighthawk Systems paging receiver package. The city also chose to purchase an additional four units to be installed at two additional crossings around town. Recurring costs are minimal as all of the units are on one paging account and cost approximately $35 per quarter to operate. The change simplifies the system since any telephone, cell or land line, becomes a viable remote for controlling the systems.

For more information
Joe Wise
Solar Traffic Controls, LLC
1930 East Third Street, Suite 21
Tempe, Arizona 85281-2929 USA
Phone: 480-449-0222
Fax: 480-449-9367
Email: joe.wise@solar-traffic-controls.com
Website: www.solar-traffic-controls.com

Provide Your Requirements to Solar Traffic Controls

Name _____

Company _____

Address _____

City _____ State _____ Zip _____

Telephone (_____) _____ Fax (_____) _____

Cellular (_____) _____

e-mail _____

The success of your solar-powered project is based on three things:

- ***Location: where your application site is - nearest town and state***
- ***Load: number and size of lamps, timers and other controls - anything which draws power.***
- ***Duty Cycle: hours per day and number of days per week the load is active (on).***

The above information enables us to provide you with a Sizing Report which forms the basis of your warranty.

Type of System

(please check your requirements)

Solar Flasher

Lamp Size: ☐ 12 inches ☐ 8 inches ☐ Other - Please indicate size _____
Lamps per pole: ☐ 1 ☐ 2 ☐ Other - Please indicate quantity _____
Lamp Color: ☐ Amber ☐ Red
Type: ☐ School Zone ☐ 24-Hour ☐ Sensor Activated
Run time: _____ hours per day _____ # of days per week
Module Option: ☐ Vandal Resistant Activation: ☐ Timer ☐ Pager

DCUPS Flasher

Lamp Size: ☐ 12 inches ☐ 8 inches ☐ Other - Please indicate size _____
Lamps per pole: ☐ 1 ☐ 2 ☐ Other - Please indicate quantity _____
Lamp Color: ☐ Amber ☐ Red
Type: ☐ School Zone ☐ 24-Hour ☐ Sensor Activated
Run time: _____ hours per day _____ # of days per week
Module Option: ☐ Vandal Resistant Activation: ☐ Timer ☐ Pager

Sensor Power System

Sensor load: _____ amps/watts
Communications Load: _____ amps/watts

Location

Application Site (nearest town): _____
State/Province: _____

*Please fill in your requirements with **blue or black pen**. Please **fax** to Solar Traffic Controls at 480-449-9367.*
***Questions?** Please call us at 480-449-0222. We will contact you with a quote for your system.*