



"Wireless" Traffic Control Solutions

APPLICATION: *Solar Ped-X Wireless Crosswalk Systems*

LOCATION: Marine on St. Croix, Minnesota, U.S.A.

Description

Solar Traffic Controls (STC) has furnished two crosswalk systems with advance flashers to Marine on St. Croix, MN. The project consists of Solar Ped-X wireless crosswalk flashers with two flashers in advance of each crosswalk.

Figure 1 (see next page) shows a typical layout for this type of crosswalk system configuration. The crosswalk flashers are activated when a pedestrian pushes the button at either side of the crosswalk. An "ON" radio signal is then sent to the flashers across the street and to the flashers located in advance to the crosswalk.

STC uses Polara Engineering's Bulldog pedestrian button for its vandal resistant properties. Each pole in the system included dual 12-inch amber flashing beacons with DC LED inserts Model STC-2385B. STC worked closely with Traffic Technologies of Minneapolis on this project.

More info on this crosswalk system:

http://www.solar-traffic-controls.com/pdf_datasheets/Wireless_PedX.pdf

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.



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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.

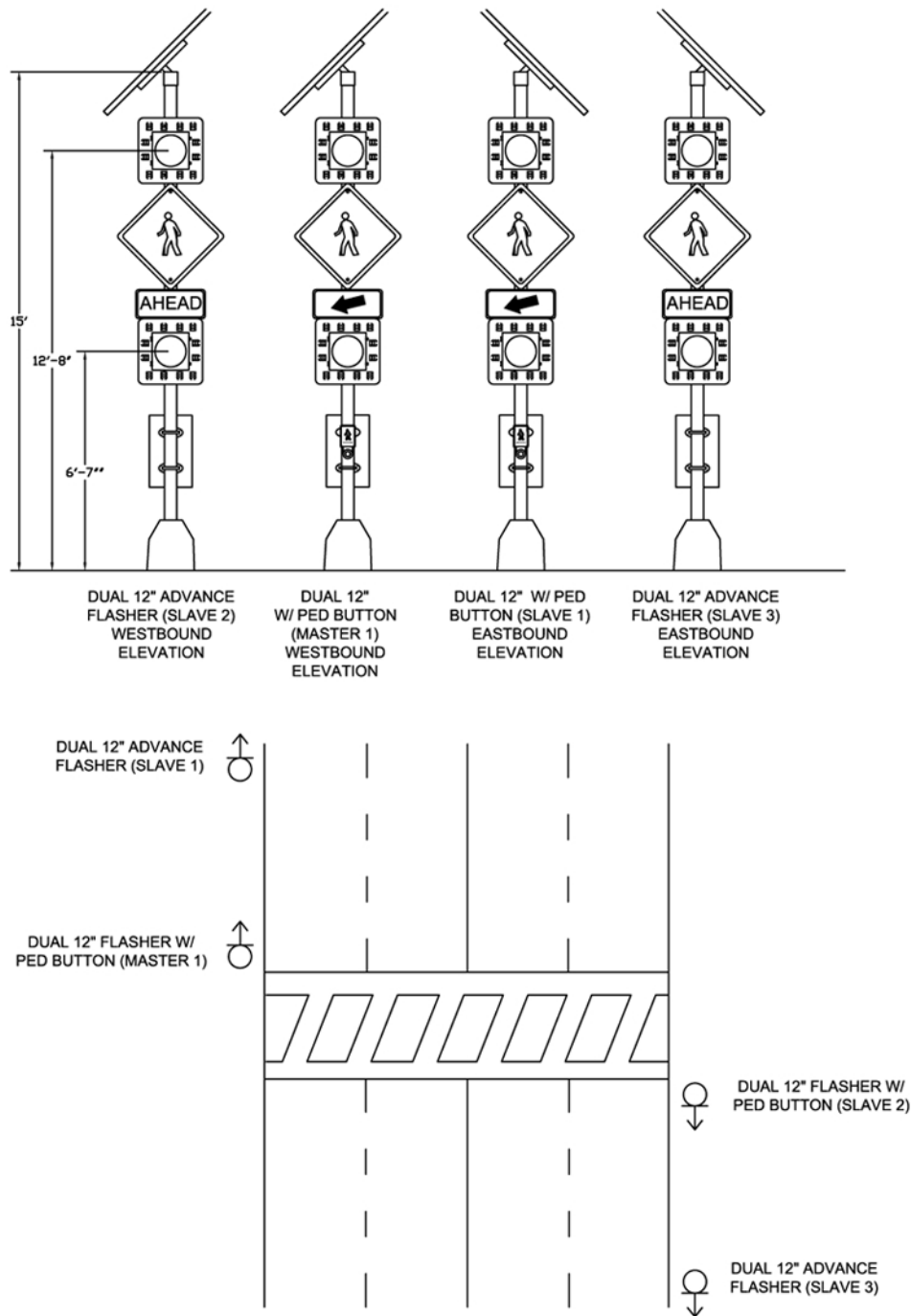


FIGURE 1. SOLAR PED-X CROSSWALK FLASHER SYSTEM WITH ADVANCE FLASHERS

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