



“Wireless” Traffic Control Solutions

APPLICATION: *Driver Feedback Urban Signs*

LOCATION: *City of Albuquerque, New Mexico, U.S.A.*

Description

Solar- and AC-powered radar speed signs consisting of an STC package using its Speed Awareness Display (SPAD) and the LED 3M Driver Feedback sign.

The new 3M Driver Feedback Urban (DFBU) sign features a 15-inch LED display. The display can be programmed for either amber or red digits based on speed thresholds preset by the user. Data logging and a white strobe function are integral to the unit. Users link to the sign via a Bluetooth connection from a laptop to adjust speed set points or to retrieve data.

STC includes a solar-powered SPAD package to run the signs 24/7. The system includes a band mount installation package which allows the city to install the systems on existing poles 6-inches or greater in diameter. Conduit and wiring to connect the sign to the control enclosure are included to speed installation.



STC file photo

Additionally, the new all-LED design of the sign allows smaller solar-powered systems than with previous 3M Driver Feedback signs. The 3M Driver Feedback signs are dynamic signs which encourage speed limit compliance in situations of driver distraction; cell phone usage; kids in car seats; fast-moving traffic and visual clutter. For more information on the 3M DFBU signs go to <http://solutions.3m.com>.



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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