TAPCO®

Blinker™ LED Products

Solar-Powered Pedestrian Crosswalk Solutions

BlinkerSign® LED-enhanced Signs • BlinkerBeacon™ LED Beacons
Rectangular Rapid-Flashing Beacons • In-Pavement LED Systems

BlinkerSign® Crosswalk LED Warning Systems

Uncontrolled and mid-block crossings have higher rates of driver-pedestrian conflicts. Standard crosswalk signs have not proven to be effective at some of these crossings. TAPCO offers BlinkerSign® LED signs with Day-Viz® high-visibility LEDs that command a driver's attention for a higher yielding compliance rate in both day and night.

BlinkerSign® Pedestrian Systems provide real-time warning that pedestrians are using the crosswalk system. They can be activated by various options using solar power and wireless technology, offering you low costs of installation, operation and maintenance.

Let TAPCO help in the design of your crossing. Call us today with the Average Daily Traffic (ADT) and a drawing or location view of the site.

- Great solution for safe routes to school, mid-block crossings and roundabouts with pedestrian traffic
- Federal funding is available if crossing is on a school route
- Available in all FHWA legends, for signs and plaques

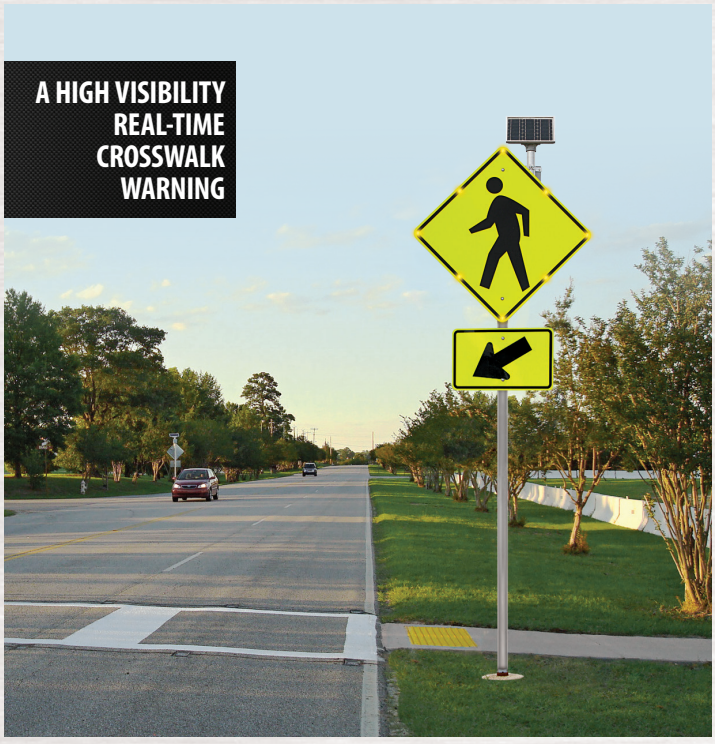
Rectangular Rapid-Flashing Beacons (RRFBs)

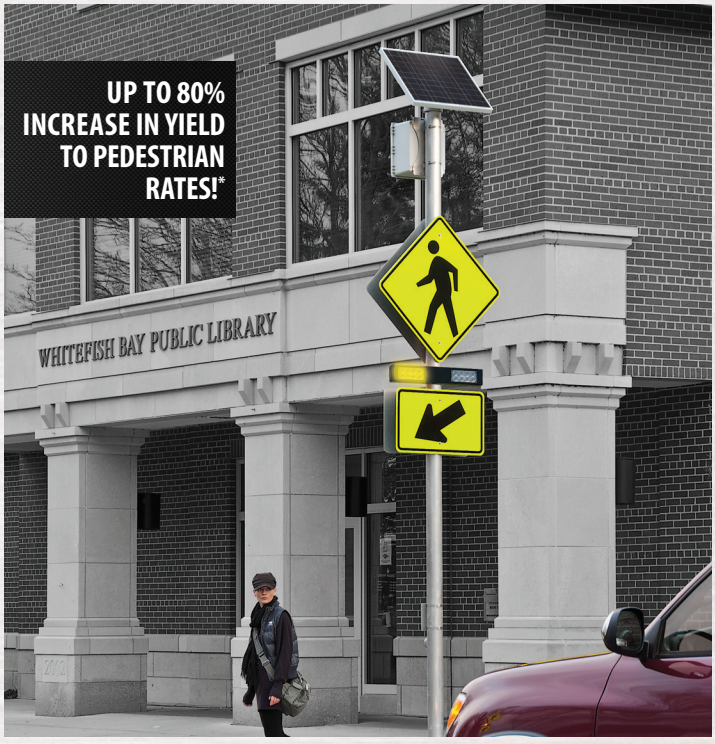
RRFBs are pedestrian activated amber LEDs that supplement warning signs at pedestrian or school crossings without signals, or at mid-block crosswalks. Two arrays of alternately flashing LEDs use an irregular flash pattern (similar to emergency flashers on police vehicles), commanding the attention of drivers day and night.

A variety of activation options are available, including push-buttons

TAPCO offers RRFB and Extra-Large RRFB-XL™ systems that install easily onto new or existing signal poles. TAPCO can provide complete systems with poles and hardware, wirelessly connected to minimize the costs of installation, operation and maintenance.

- Society of Automotive Engineers (SAE) standard J595 and FHWA compliant LED light intensity
- Modular component construction for quick maintenance and replacements
- AutoBright™ dimmable LEDs are available
- Solar powered, no AC power required RRFB LEDs can flash on front and sides, alerting drivers and indicating to pedestrians simultaneously
- MUTCD interim approval





* "An Analysis of the Efficacy of Rectangular-shaped Rapid-Flash LED Beacons to Increase Yielding to Pedestrians Using Crosswalks on Multilane Roadways in the City of St. Petersburg, FL", Center for Education and Research in Safety

In-pavement LED Warning Lights

In-pavement lights alert motorists to the presence of a pedestrian crossing or preparing to cross the street. The LED devices are flush-mounted on both sides of the crosswalk and oriented to face oncoming traffic. The LED markers produce a bright, daytime-visible light focused directly in the driver's line of sight. These LED markers clearly indicate crosswalks, curves, and lane markings. When a pedestrian activates the system, either by using a push-button or through detection from an automated device, the lights begin to flash in unison. This warns the motorist that a pedestrian is in the vicinity of the crosswalk ahead. The flashing LEDs shut off after a set period of time, i.e., the time required for a pedestrian to safely cross the street.

- Flat profile in road, snow-plow and bike safe
- Maintenance-free design
- Variety of activation devices and methods available
- Environmentally friendly
- Low power consumption
- Solar-power option
- Economical
- Ideal for mid-block locations
- MUTCD compliant
- 5 year warranty

BlinkerBeacon™ Flashing LED Beacons

For decades incandescent beacons have been used as warning devices. With the advent of higher output LEDs and solar power, TAPCO's BlinkerBeacon™ LED Beacons now allow you to install warning systems at almost any location. BlinkerBeacon™ LED Beacons greatly reduce costs of installation, operation and upkeep.

BlinkerBeacon™ LED Beacons are available in single head or dual mount heads with various lens colors and bracket mounts. Black or yellow polycarbonate housing is standard. Durable aluminum mounting brackets are available for various configurations, painted or unpainted.

Choose from various activation methods including 24/7 flashing, push-button, motion detection, remote and time clock activation.

- MUTCD Compliant
- Solar Powered, no electric bills
- 28 or 55 watt solar panel
- Place in any location
- 30 day autonomy
- Virtually maintenance free
- NEMA control cabinet for timely maintenance

Patented AutoBright™ circuitry automatically adjusts LED brightness levels, maintaining optimal LED brightness levels and extending battery life

Optional BlinkerBeam® Wireless Communication

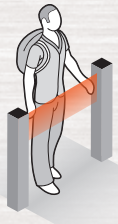
Push buttons can activate BlinkerBeam® solar/battery-powered transceiver radios. These compact controllers activate one or more BlinkerSign® LED Signs, BlinkerBeacon® LED Beacons, RRFB and other ITS devices wirelessly within a 1000 ft. range, up to one mile with an external antenna.

Optional Push Button Activation

Activated with less than 2 lbs. of force. Provides two-tone audible confirmation as well as visual confirmation. Meets ADA, MUTCD and TAC requirements, and housing meets NEMA specifications. Remote mounting available. Audible navigation units are available.

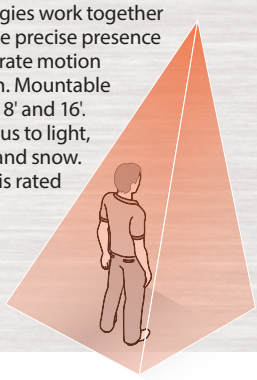
Optional Wireless Bollard Activation

Pedestrians and bicyclists can passively trigger flashing BlinkerSign® LED signs, RRFB, BlinkerBeacon™ LED Beacons, in-pavement LEDs and other ITS devices. Actuators are housed in anodized aluminum cabinets that can be secured to concrete or asphalt. Battery operated: no grid wiring required.



Optional Pedestrian Motion Detector

Active infrared and microwave technologies work together to provide precise presence and accurate motion detection. Mountable between 8' and 16'. Impervious to light, sun rain and snow. Housing is rated NEMA-4.



Visit **Traffic and Parking** on YouTube for videos on these products and more.

TAPCO® 1-800-236-0112 • www.tapconet.com • blinkersales@tapconet.com

Traffic & Parking Control Co, Inc. 5100 West Brown Deer Road, Brown Deer WI 53223 U.S.A. Phone 800-236-0112 FAX 800-444-0331
www.tapconet.com Printed in the U.S.A.

MADE IN THE USA

GSA Contract Holder GS-07F-5924R GS-07F-0234U

1005-00004 (03/13)