

Product Evaluation

RE: Review of Tapco Rapid Rectangular Flashing Beacon (RRFB)

PRODUCT

Tapco Rapid Rectangular Flashing Beacon is a solar powered flashing beacon manufactured by Traffic and Parking Control Company, Inc (TAPCO) located in Brown Deer, Wisconsin and distributed in Alberta by Valley Traffic Systems located in Edmonton, Alberta. Website: <https://www.tapconet.com/>

VENDOR CLAIMS AND INFORMATION

CLAIMS

The primary function of the TAPCO RRFB Crosswalk system is to provide a highly visible, enhanced warning for the purpose of alerting road users from both traffic directions of the active pedestrian crossing.

DESCRIPTION

Tapco RRFB Crosswalk System are pedestrian-actuated conspicuity enhancements for pedestrian and school crossing warning signs. The system contains RRFB Light Bars, Bulldog Push Buttons, Solar Panels, and Control Cabinets with Flash Controllers, Wireless Transceivers, Batteries, Mounting Hardware and Optional Static Signage and Pole Packages. The crosswalk system shall consist of two pole assemblies, or three if there is a median. All pole assemblies shall contain one or more Warning RRFB Light Bars, a Solar Powered Control Cabinet, and a Bulldog Push Button for system activation.

POTENTIAL USAGE

Tapco Rapid Rectangular Flashing Beacon (RRFB) applications are: school crossings and pedestrian crossings.

STANDARDS

US MUTCD 1A-21

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has some experience with this product

APPLICABLE STANDARDS

The Alberta Transportation specification for Highway Signs is as follows:

Alberta Transportation Specification 5.18, Supply of Permanent Highway Signs, Posts and Bases

RECOMMENDATIONS

Tapco Rapid Rectangular Flashing Beacon be listed as a Proven Product under Alberta Transportation Products List, Signs and Supports – Specialized Applications, Warning Signs – Proprietary, based on the performance at the trial site and the information provided.

RESTRICTIONS ON USE

TRIAL PROJECTS

Town of Vermilion installed this system for their crosswalk on Hwy 41 at 51 Ave.

Rishi Adhikari

cc Innovations Evaluation Committee – Kristen Tappenden,
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