

## 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 IA-21

### **ALBERTA TRANSPORTATION COMMENTS**

#### **EXPERIENCE**

Alberta Transportation has no 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 Trial Product under Alberta Transportation Products List, Signs and Supports – Specialized Applications, Warning Signs – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

#### **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 – Roger Skirrow,  
Rokibul Khan  
Tom Somerville