

## Product Evaluation

### RE: Review of Carmanah R920E/F Rectangular Rapid Flashing Beacon

#### **PRODUCT**

Carmanah R920E/F Rectangular Rapid Flashing Beacon is manufactured by Carmanah Technologies Corp. located in Victoria, BC and distributed in Alberta by ATS Traffic located in Edmonton, AB. Website: <https://carmanah.com/>

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

The Carmanah R920-E/F Rectangular Rapid Flashing Beacon (RRFB) improves compliance at uncontrolled crossings, such as mid-block crosswalks and trail crossings. This user-activated, solar-powered flashing beacon is highly visible thanks to its irregular flash pattern (WW+S), which helps pedestrians and cyclists be seen in the daytime or at night, in any weather and any setting. The battery, energy management system, and solar panel are contained in one unit, making the R920-E/F an easy-to-install, self-contained solution.

##### **DESCRIPTION**

The Carmanah R920-E/F Rectangular Rapid Flashing Beacon (RRFB) is a Compact with 15 or 30 watt solar engine. It is fast and easy to install with minimal traffic disruptions. It can be mounted or retrofitted onto a range of square and round poles.

##### **POTENTIAL USAGE**

Crosswalk improvement

##### **STANDARDS**

Not Provided

#### **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**

Carmanah R920E/F Rectangular Rapid Flashing Beacon be listed as a Potential Product under Alberta Transportation Products List, Signs and Support Systems - 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**

Caveat:

#### **TRIAL PROJECTS**

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