

## Product Evaluation

**RE: FL-1400 Series Flashing Beacon**

### **PRODUCT**

The FL-1400 Series Flashing Beacon is manufactured and distributed by JSF Technologies located in Saanichton, British Columbia.

### **VENDOR CLAIMS AND INFORMATION**

#### **CLAIMS**

FL-1400 Series Flashing Beacon is designed to draw attention to stop signs that go unnoticed by drivers, accent warning signs that convey critical information, highlight new signs, emphasize speed signs and enhance construction work zones. FL-1400 beacon is a great addition to warning signs that need added visibility such as sharp curve signs, animal crossing signs and new traffic pattern signs. Product Web link - <http://www.jsftechnologies.com/>

#### **DESCRIPTION**

FL-1400 Series Flashing Beacon is completely autonomous and runs continuously all the time. FL-1400 beacons do not have any external wiring and are completely self-contained. This means there is no trenching or digging up the road. No hook-up to the electrical grid and no power bills. Installation can be conducted without road closures and often only requires 1-3 people. FL-1400 beacons are available with AC, solar or Hybrid (both solar and AC) power.

#### **POTENTIAL USAGE**

FL-1400 Series Flashing Beacon can accommodate a wide range of road types. The round, amber LED signals have size options of 8" or 12". The configurations include single and dual signal mounting for pole top, side mount and overhead mounting. With these options, applications can vary from small parking lots, to residential streets, to college campuses, to large highways.

#### **STANDARDS**

NEMA TS-2 rating; ITE VTCSH-STD compliant LEDs; ISO 9000 certified component manufactures; FCC EMC Class A verified controller, FHWA/MUTCD compliant beacon and UL certified batteries.

### **ALBERTA TRANSPORTATION COMMENTS**

#### **EXPERIENCE**

This product has performed satisfactorily at trial sites.

#### **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**

FL-1400 Series Flashing Beacon be listed as Proven Product under Alberta Transportation Products List, Signs and Supports – Specialized Applications, Warning Signs – Proprietary, based on the performance at trial sites.

### **TRIAL PROJECTS**

Hwy 12:16, km 10.996, (Rge Rd 130) on the Rt side- installed August 2017

HWY 646:04 KM29+855 Left side and KM41+322 Right Side – installed August 2017

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cc New Product Evaluation Standing Committee – Roger Skirrow  
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