

## Product Evaluation

### RE: Review of A-Shape 2 5/8" Highway Traffic Reflector

#### **PRODUCT INFORMATION**

Product Name: A-Shape 2 5/8" Highway Traffic Reflector      Manufacturer: Irwin Hodson Co, Oregon  
Website: <https://www.irwinhodson.com/>      Supplier: Irwin Hodson Co, Oregon, USA

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

##### **CLAIMS**

A-Shape 2 5/8" Highway Traffic Reflector is most effective in traffic areas where extra reflectivity is important. With 3M's Diamond Grade Cubed sheeting (White or Fl. Yellow), the Barrier Traffic Reflector provides superior angularity of retroreflection while giving a longer effective life.

##### **DESCRIPTION**

This product is a rigid traffic safety reflector designed for concrete barrier application as a delineator. 3M's Diamond Grade Cubed sheeting (White or Fl. Yellow) that meets ASTM D4956 Type XI is used as reflective material. The reflective strip is 4" wide by 3.25" high and fits on a 6.26" X 4" platform. The substrate is .080" thick aluminum that stands 2 5/8" high. The two base feet are 4" wide by 7/8" with 2 holes – 7/32" diameter.

##### **POTENTIAL USAGE**

A-Shape 2 5/8" Highway Traffic Reflector is a rigid traffic safety reflector designed for concrete barrier or guardrail post application as a delineator.

##### **STANDARDS**

ASTM 4956 – Reflective Sign Sheeting Material

#### **ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS**

##### **EXPERIENCE**

Transportation and Economic Corridors uses a reflective strip for guardrail post delineation conforming to Standard Specifications for Highway Construction, Specification 5.25 Guardrail Reflectors.

##### **APPLICABLE STANDARDS**

Transportation and Economic Corridors Standard Specification for Highway Construction 5.25.3.4 Supply of Thrie Beam and W-Beam Guardrail, Guardrail Reflectors.

##### **RECOMMENDATIONS**

A-Shape 2 5/8" Highway Traffic Reflector be listed as a Potential Product under Transportation and Economic Corridors Products List, Traffic Control Devices – Barrier Mounted Delineators – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

##### **RESTRICTIONS ON USE**

Caveat:

- Reflectors shall have minimum dimensions of 102 mm x 76 mm.
- Reflective sheeting shall meet the requirements of ASTM D4956 for Type IX or XI
- Reflective sheeting shall be installed on both sides of the reflector. The colour of the reflector shall be either white or fluorescent yellow to match the colour of the nearest painted roadway edge line.
- Must have two-sided application on an undivided roadway.
- Reflectors shall be attached with mechanical fastener. Attachment with adhesive alone shall not be acceptable.

**TRIAL PROJECTS**

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