

Product Evaluation

RE: Review of Barrier Traffic Reflector (BTR) Size 5”

PRODUCT INFORMATION

Product Name: Barrier Traffic Reflector (BTR) Size 5” Manufacturer: Irwin Hodson Co. Oregon, USA
Website: <https://www.irwinhodson.com/> Supplier: Irwin Hodson Co. Oregon, USA

VENDOR CLAIMS AND INFORMATION

CLAIMS

The Barrier 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) is used as reflective material.

POTENTIAL USAGE

The Barrier Traffic Reflector can be attached to a concrete barrier with concrete anchors. The Barrier Traffic Reflector can also be attached to wood guardrail post with a simple lag screw.

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

The Barrier Traffic Reflector (BTR) Size 5” 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 meeting the requirements of ASTM D4956 for Type IX or XI 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.

TRIAL PROJECTS

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