

Product Evaluation

RE: **Flex-Straight Guardrail Reflector**

PRODUCT

Flex-Straight Guardrail Reflector is manufactured by Artuk Incorporated located in Elgin, Illinois and distributed by Roadside Supply Ltd located in Sherwood Park, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Flex-Straight Guardrail Reflector is designed to increase the visibility of guardrails and the added flexibility to withstand multiple impacts. The Flex-Straight Guardrail Reflector is designed to be covered with retro-reflective sheeting products meeting current ASTM standards. Product Web link - <http://www.artukinc.com/>

DESCRIPTION

Flex-Straight Guardrail Reflector is manufactured using co-extruded rigid Polyvinyl chloride (PVC) and Polyurethane for the hinge.

POTENTIAL USAGE

Flex-Straight Guardrail Reflectors are to be used on wood post guardrail systems and are attached by two nails.

STANDARDS

ASTM D638, D256, D790

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

AT has used this product in multiple projects.

APPLICABLE STANDARDS

The Alberta Transportation specification for guardrail and guide post delineation is as follows:

- Alberta Transportation Specification 2.19, Guardrail and Guide Posts

RECOMMENDATIONS

Flex-Straight Guardrail Reflector be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Barrier Mounted Delineators – Proprietary, based on the information provided and the field performance.

Caveat: To be mounted to wooden guardrail support post or blockout using two 16 DG nails with two 3/16” washers and to be mounted to metal guardrail post using manufacturer recommended adhesive (SB-12 adhesive cement)

TRIAL PROJECTS

- Tender 17015 - 24:04, B.F. 7870 – Carrying Hwy. 24 over the Bow River, S.E. of the Hamlet of Carseland
- Tender 15985 - 734:16, B.F. 77591 – Carrying Hwy. 734 over Cripple Creek, S. of Nordegg
- Tender 17226 - 986:01, Daishowa West Hill – Adjacent to the E.B. L. of Hwy. 986, W. of the Peace River in S.E. 9-85-21-5
- Tender #13795 (Beaton Creek) – Strathcona County Twp 530 & Range 223
- Hwy 587 Bowden Creek – Hwy 3 and 20 Ave Crowsnest

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