

Product Evaluation

RE: Review of BRIFEN Wire Rope Safety Fence

PRODUCT

The BRIFEN Wire Rope Safety Fence (WRSF) system is manufactured by BRIFEN UK located in Doncaster, UK and distributed by BRIFEN Canada of White Rock, British Columbia.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The BRIFEN WRSF system is NCHRP approved for Test Level 3 and Test Level 4 with letters of acceptance from Federal Highway Administration (FHWA). The BRIFEN WRSF system is used in the UK, Ireland, Australia and the United States. Product web link: <http://www.brifenusa.com/>

DESCRIPTION

The BRIFEN WRSF system consists of tensioned galvanized steel wire ropes and support posts with anchors at both ends of the system. The wire rope is held in place by frangible support posts with a concrete foundation.

POTENTIAL USAGE

The BRIFEN WRSF system has proven to effectively prevent median cross over crashes and off road crashes. When the BRIFEN WRSF system is hit, the number of post that needs replacement is 5.5.

STANDARDS

No standards submitted.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product

APPLICABLE STANDARDS

The Alberta Transportation specifications for guardrail are:

- Specification 2.19, Guardrail and Guideposts
- Specification 5.25, Supply of W-Beam Guardrail and Posts
- Specification 5.27, Supply of Cable Barrier and Metal Posts

RECOMMENDATIONS:

BRIFEN WRSF system be listed as a Potential Product under Alberta Transportation Products List, Traffic Control Devices – Barrier Systems – Proprietary, based on the information provided.

Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

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