

**Product Evaluation**

Product ID: 8280-2-3-1-2  
Initiation Date: September 2006  
Revision Date: December 12, 2016

**RE: Review of Gibraltar Cable Barrier System**

**PRODUCT**

The Gibraltar Cable Barrier System is manufactured by Gibraltar located in Burnet, Texas and distributed by Roadside Supply Ltd located in Sherwood Park, Alberta.

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS**

The Gibraltar Cable Barrier System has received letters of acceptance from the Federal Highway Administration (FHWA) for its Test Level 3 (TL-3) and Test Level 4 (TL-4) cable barrier systems. All testing procedures were conducted as prescribed by the National Cooperative Highway Research Program (NCHRP) Report 350. Product web link: <http://www.gibraltarus.com/>

**DESCRIPTION**

The Gibraltar Cable Barrier System consists of a 3 strand, high tension median cable barrier system designed to contain and redirect vehicles from hazards. The wire rope is held in place by support posts with a concrete foundation.

**POTENTIAL USAGE**

The Gibraltar Cable Barrier System is installed in the medians between divided highways and are designed to contain and redirect errant vehicles, thus preventing the vehicle from crossing the median.

**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:**

Gibraltar Cable Barrier System be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Barrier Systems – Proprietary, based on the information provided.

**Caveat: “Hazard markers are currently not supplied by the manufacturer/supplier and must be supplied and installed by the contractor. Hazard markers (WA36 L or R) shall be installed on the end treatments of Gibraltar’s HTCB systems. The dimension of the hazard marker shall cover the width and a minimum 2/3 depth of the end terminal post (or head) facing traffic or as directed by the Consultant. The installation of the hazard marker shall not interfere with the functionality of the end system”.**

**TRIAL PROJECTS**

Deerfoot Trail - 2007

Joe Filice

cc Innovations Evaluation Group – Roger Skirrow  
Nick Bucyk/Richard Chow/Bill Kenny