Product ID: 8280-2-3-1-6
Initiation Date: September 2013
Revision Date: December 12, 2016

Product Evaluation

RE: Review of Gibraltar (4 strand) Cable Barrier System

PRODUCT
The Gibraltar Cable Barrier System is manufactured by Gibraltar located in Burnet, Texas.

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 4 strand, high tension median gable 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 Gilbraltar'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

Highway 2

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