

Product Evaluation

RE: Review of Gibraltar 3 or 4 Cable Steel Anchor

PRODUCT

Gibraltar 3 or 4 Cable Steel Anchor is manufactured by Gibraltar located in Burnet, Texas, distributed in Alberta by Roadside Supply located in Sherwood Park, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Gibraltar 3 or 4 Cable Steel Anchors should be able to retain tension in the cables within the ranges specified by the manufacturer for each temperature range, be free of frost heave, and the anchor should not exceed a movement of 50mm (horizontally or vertically, as measured at the end of the cable base plate).

DESCRIPTION:

Gibraltar 3 or 4 Cable Steel Anchor is designed to meet Alberta soil conditions based on parameters specified by Technical Standards Branch, Alberta Transportation. Drawings showing the detailed plans and calculations can be found at <http://www.transportation.alberta.ca/Content/doctype253/production/Gibraltarsteelanchor.pdf>

POTENTIAL USAGE:

Gibraltar 3 or 4 Cable Steel Anchor is designed for use with the Gibraltar Cable Barrier System or the Gibraltar (4 strand) Cable Barrier System.

STANDARDS:

N/A

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with this system.

APPLICATION STANDARDS:

N/A

RECOMMENDATIONS:

Gibraltar 3 or 4 Cable Steel Anchors be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – High Tension Cable Barrier Anchors – Proprietary, based on the information provided.

TRIAL PROJECTS

-Hwy 3 coming into Lethbridge – Installed: 2015 (18 units installed)
AT 12964 - 9:06, N. of Jct. Hwy. 838 to Jct. Hwy. 27/Hwy. 56 – North of Drumheller – Qty. 12
AT 15190 - Hwy #16 and Sec Hwy. 834 - Ardrossan - Qty. 6
AT 15454 - Hwy #1 just West of Strathmore, AB - Qty. 12
AT 13050 – AT 16729 – AT 12383 – AT 17517 – AT 15766

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Bill Kenny