

Product Evaluation

RE: Review of BarrierGuard 800 Opening Gate

PRODUCT

The BarrierGuard 800 Opening Gate is manufactured by Laura Metal holding B. V. located in Kerkrade, Netherlands and distributed by ATS Traffic located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The BarrierGuard 800 Opening Gate is safety barrier gate for permanent or temporary applications. The gate allows emergency vehicle access through a barrier line or aid in contra-flow direction of traffic during natural disasters. Product Web Link: <http://www.laurametaal.com/>

DESCRIPTION

The BarrierGuard 800 Opening Gate is a modular system that is made up from special sections of BarrierGuard 800; gate post sections; gate hinge sections and gate sections. The BarrierGuard 800 gate System has been designed and tested to meet the evaluation criteria of NCHRP 350 Test Level 3 (TL-3) and has been given eligibility by the Federal Highways Administration (FHWA).

POTENTIAL USAGE

The BarrierGuard 800 Opening Gate can be utilized as a permanent or temporary application and installed directly into a run of BarrierGuard 800 or by utilizing one of the connection pieces can be used as a stand-alone system attached to various safety barriers and fences including, but not limited to; concrete and thrie beam to w-beam.

STANDARDS

NCHRP 350

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has used this product in some of its projects.

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:

BarrierGuard 800 Opening Gate be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Barrier Systems – Proprietary, based on the information provided.

TRIAL PROJECTS

Northbound Deerfoot Trail Just South of Barlow Trail on Right Shoulder – for Two Weeks

Rishi Adhikari

cc New Products Evaluation Group – Roger Skirrow,
Hal Cook