

## **Product Evaluation**

### **RE: MAX-Tension Median End Treatment**

#### **PRODUCT INFORMATION**

Product Name: <u>MAX-Tension Median End Treatment</u>	Manufacturer: <u>Lindsay Barrier Systems, Omaha, Nebraska, USA</u>
Website: <u><a href="https://www.lindsay.com/">https://www.lindsay.com/</a></u>	Supplier: <u>Barricades and Signs Ltd, Sturgeon County, AB</u>

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

The MASH tested MAX-Tension Median Terminal is a redirective gating, guardrail terminal with Sabertooth Technology. The system utilizes a tension-based design and cutting tooth coupler to absorb energy during a vehicle impact.

##### **DESCRIPTION**

When impacted head-on, deceleration is controlled by friction developed in the tension cables and by cutting the downstream guardrail panels. When a side impact occurs, tension cables can help safely redirect a motorist away from the hazard.

##### **POTENTIAL USAGE**

The MAX-Tension Median System is a Redirective, Gating End Terminal crash cushion for median

##### **STANDARDS**

MASH Test Level 3

#### **ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS**

##### **EXPERIENCE**

Transportation and Economic Corridors has used similar systems.

##### **APPLICABLE STANDARDS**

Transportation and Economic Corridors standard specifications for guardrail are:

Specification 2.19, Guardrail and Guideposts

Specification 5.25, Supply of W-Beam Guardrail and Posts

##### **RECOMMENDATIONS**

MAX-Tension Median End Treatment be listed as a Reviewed Product under Transportation and Economic Corridors Products List, Highway Safety Devices – Impact Attenuators – Proprietary, based on the information provided.

##### **RESTRICTIONS ON USE**

Caveats:

- use a welded Traffic Side Slider detail (not stamped)
- 3810 mm panel length (not 7620 mm)
- installation parallel to the traffic flow (not offset)
- use with double-sided W-Beam barrier in median applications, where a recommended clear zone and recoverable slope is attainable.

## TRIAL PROJECTS

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