

RE: Review of Opposing Traffic Lane Divider

PRODUCT

The Opposing Traffic Lane Divider is intended to provide lane division in work zones. This product is manufactured by Impact Recovery Systems located in San Antonio, Texas and supplied by Alberta Traffic Supply located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The Opposing Traffic Lane Divider (One Base system) extensive testing has shown that the spring loaded mechanism consistently returns the device to its pre-impact position providing continuity in a work zone and reducing maintenance. This One Base system works with virtually every portable channelizing device required in today's work zone. Web link:
http://www.albertatraffic.com/uploads/files/Catalogs/IRS/Work_Zone.pdf

DESCRIPTION

Opposing Traffic Lane Divider system has a unique reactive spring with the strength to support not only a flexible post, but an information panel as well. This reactive unit gives upon impact and is designed to reorient the panel towards traffic. The Anti-Twist feature assures the sign will return to its original position after impact.

POTENTIAL USAGE

The Opposing Traffic Lane Divider exceeds the NCHRP 350 standard for both safety and performance for lane division in work zones. The spring in this system can be affixed to both permanent and portable bases. Various types of traffic signs can be affixed to this system.

STANDARDS

NCHRP 350

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

For traffic accommodation and temporary signing the Alberta Transportation Standard Specifications for Highway Construction, Specification 7.1 Traffic Accommodation and Temporary Signing is used.

APPLICABLE STANDARDS

The Alberta Transportation Specification for Traffic Accommodation and Temporary Signing is as follows:

Standard Specification for Highway Construction, Specification 7.1 Traffic Accommodation and Temporary Signing.

RECOMMENDATIONS:

Opposing Traffic Lane Divider system be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Workzone Traffic Control – Proprietary, based on the information provided.

TRIAL PROJECTS

Stoney Trail/Trans Canada Highway in 2006

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Richard Chow/Steve Otto