

Product Evaluation

RE: Review of TRACC (Trinity Attenuating Crash Cushion)

PRODUCT

TRACC (Trinity Attenuating crash Cushion) is manufactured by Valtir (Trinity Industries Inc.) located in Dallas, Texas. It is distributed by Roadside Supply Ltd located in Ardrossan, Alberta and Barricade and Signs Ltd. located in Sturgeon County, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

TRACC Crash Cushion meets the criteria of the National Cooperative Highway Research Program (NCHRP) Report 350 Test Level 3 (TL-3) and Test Level 2 (TL-2). Product Web link: <http://www.highwayguardrail.com/products/tracc.html>

DESCRIPTION:

TRACC Crash Cushion is fully re-directive, non-gating, bi-directional, energy absorbing crash cushion. TRACC Crash Cushion features are galvanized all steel construction; no cartridges or black boxes; wing extensions and multiple speed options.

POTENTIAL USAGE:

TRACC Crash Cushion system is designed to protect motorists from impacting the end of concrete barriers and bridge parapet rail, bridge piers and other hazards in both permanent and temporary work zone locations. TRACC can be installed on new or existing concrete or asphalt pad.

STANDARDS:

TRACC Crash Cushion System meets NCHRP Report 350 Level 2 and level 3. .

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with this system.

APPLICATION STANDARDS:

Alberta Transportation does not have a standard for crash attenuators.

RECOMMENDATIONS:

TRACC Crash Cushion System be listed as a Reviewed Product under Alberta Transportation Products List, Highway Safety Devices – Impact Attenuators – Proprietary, based on the information provided.

TRIAL PROJECTS

12 units – Stony Trail SE leg – installed in 2013
4 units – Hwy 22X & Stony Trail (West side of Calgary)

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cc New Products Evaluation Group – Roger Skirrow
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