

RE: Review of SRT - 350 Impact Attenuator

PRODUCT

SRT – 350 (Slotted Rail Terminal) Impact Attenuator is manufactured by Trinity Industries Inc. located in Dallas, Texas and distributed by Roadside Supply Ltd located in Sherwood Park, Alberta and Safe Roads Highway Products located in Leduc, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

SRT-350 Impact Attenuator meets the criteria of the National Cooperative Highway Research Program (NCHRP) Report 350 test level 3 (TL-3) and is approved for use by the Federal Highway Administration (FHWA). Product Web link:

<http://www.highwayguardrail.com/products/et-srt350.html>

DESCRIPTION:

The SRT-350 Impact Attenuator is a gating flared end terminal which is available in a 6-Post and 8-Post System. The 6-Post System has 2 steel breakaway posts, 4 wood CRT posts and is installed in a straight-line flare. The straight-line flare offers a simple layout on new installations. The 6-Post System has steel breakaway posts that are typically reusable after NCHRP Report 350 criteria impacts. The 8-Post system has 2 tube sleeves/wood posts, 6 wood CRT posts and installs on a parabolic flare.

POTENTIAL USAGE:

Advantages in the SRT-350 Impact Attenuator System – steel breakaway posts are typically reusable after an impact within NCHRP Report 350 criteria – Improved angle struts allow for easier installation – Fewer posts and a straight layout provide cost savings in construction, making replacement easier.

STANDARDS:

SRT-350 Impact Attenuator System meets NCHRP Report 350 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:

SRT-350 Impact Attenuator System be listed as a Trial Product under Alberta Transportation Products List, Highway Safety Devices – Impact Attenuators – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Hwy 35, approx. 30 Km north of Manning, Alberta – installed in 2016
Hwy 672, Km 31.901, East of Hwy 43 Junction (SRT-350 8 Post System)
Tender #17499 (Hwy 2A Carstairs) – 5 units,
Tender #17577 (Hwy 2 Jousard) – 32 units
Tender #12579 (Hwy 12 – Alix to Stettler) 15 units installed
Tender #16074 (Hwy 590 – Innisfail) 7 units intalled

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