

Product Evaluation

RE: Review of MASH SLED (Longitudinal Energy Dissipater)

PRODUCT

MASH SLED is manufactured and distributed by Traffix Devices Inc. located in San Clemente, California.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

MASH SLED is a narrow, non--redirective gating cushion. SLED is designed to shield the end of all permanent and temporary portable barrier shapes including concrete, steel and plastic. SLED's unique design incorporates four internal steel cables which help envelop the impacting vehicle, reducing the possibility of secondary accidents. Product web link: <https://www.traffixdevices.com/products/attenuators/sled-us>

DESCRIPTION:

MASH SLED is manufactured from high visibility yellow polyethylene that is UV stabilized to minimize degradation. SLED is designed to deform and rupture on impact, absorbing the energy of the errant vehicle.

POTENTIAL USAGE:

The SLED end treatment does not require foundation anchor bolts to be attached to the road or bridge deck. The complete SLED crash cushion can be installed quickly, with as little as one pick up truck and two workers on compacted dirt, gravel, asphalt or concrete.

STANDARDS:

MASH Test Level 3

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has used similar systems.

APPLICATION STANDARDS:

Alberta Transportation standard specifications for guardrail are:
Specification 2.19, Guardrail and Guideposts
Specification 5.25, Supply of W-Beam Guardrail and Posts

RECOMMENDATIONS:

MASH SLED system be listed as a Reviewed Product under Alberta Transportation Products List, Highway Safety Devices – Impact Attenuators – Proprietary, based on the information provided.

Caveat: - “Limited to Construction Sites, must be protected against freezing”.

TRIAL PROJECTS

80 Ave & Stoney Trail - 3 units	Anderson Rd & Stoney Trail - 1 unit
Stoney Trail & 11 St NE - 2 units	Wildlife Crossing Hwy 1 & Hwy 1X - 2 units

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