

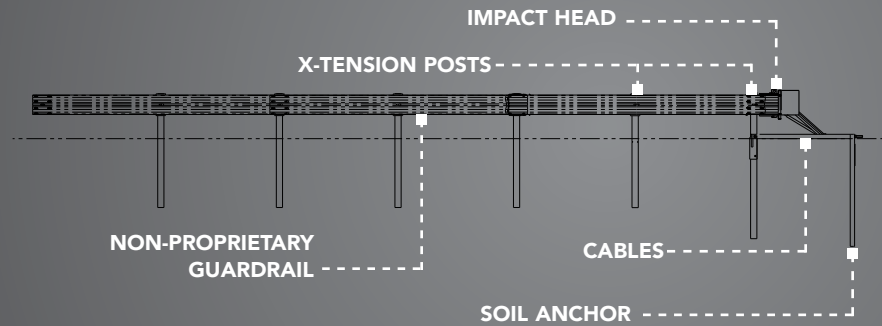
## X-MAS® | REDIRECTIVE, NON-GATING MEDIAN ATTENUATOR

- COST EFFECTIVE PROTECTION
- INSTALLS EASILY WITH STANDARD GUARDRAIL INSTALLATION TOOLS
- NO FOUNDATION REQUIRED
- NCHRP 350 TL-3 ACCEPTED



**PHYSICAL SPECIFICATIONS**

Classification	R-G-S	
Length	37' 6"	11.43 m
Width	22.5"	572 mm
Height	27 5/8" or 31"	710 or 790 mm
Impact Head Weight	56 lb.	25 kg
Test Level	NCHRP 350	TL-3



**REDIRECTIVE, NON-GATING PERFORMANCE FOR NARROW HAZARDS**

The Redirective, Non-Gating, Sacrificial (R-NG-S) X-Tension Median Attenuator System (X-MAS) features excellent impact performance and easy installation at an affordable price, with no foundation required. By using many standard guardrail components and superior engineering, this low cost attenuator provides the same life saving performance expected from other NCHRP 350 TL-3 redirective, non-gating impact attenuators at a fraction of the initial price.

**FREQUENTLY ASKED QUESTIONS**

**Can the X-MAS be installed without a foundation?**

Yes, The X-MAS uses guardrail posts that are driven into the ground using standard guardrail installation equipment, therefore, no foundation is required.

**Can the X-MAS be attached to concrete barrier?**

Yes, The X-MAS can be attached to concrete barrier with the addition of standard transitions.

**Is a transition needed to attach to standard double sided guardrail?**

The X-MAS is designed to attach directly to standard double faced guardrail with no transition required.

**Can the X-MAS be installed in locations other than medians?**

Yes, The X-MAS Meets NCHRP 350 TL-3 criteria as a redirective, non-gating attenuator. Use in gore areas and toll plazas is also approved and recommended.

**FEATURES**

- » 27 5/8 or 31" (710 mm or 790 mm) height option
- » Attaches directly to double faced guardrail
- » Can be attached to concrete barrier with standard transitions
- » Utilizes non-proprietary guardrail
- » Easy to install
- » No foundation required
- » No backup required

**DISTRIBUTED BY:**



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General details for the X-MAS System are subject to change without notice to reflect improvements and upgrades.

Additional information is available from Lindsay Transportation Solutions Sales and Services, Inc. © Lindsay Transportation Solutions, Inc.

PT # XMAS04-03252013