



SCI Products Inc.
A Division of Stabler Companies Inc.

SCI70GM IMPACT ATTENUATOR

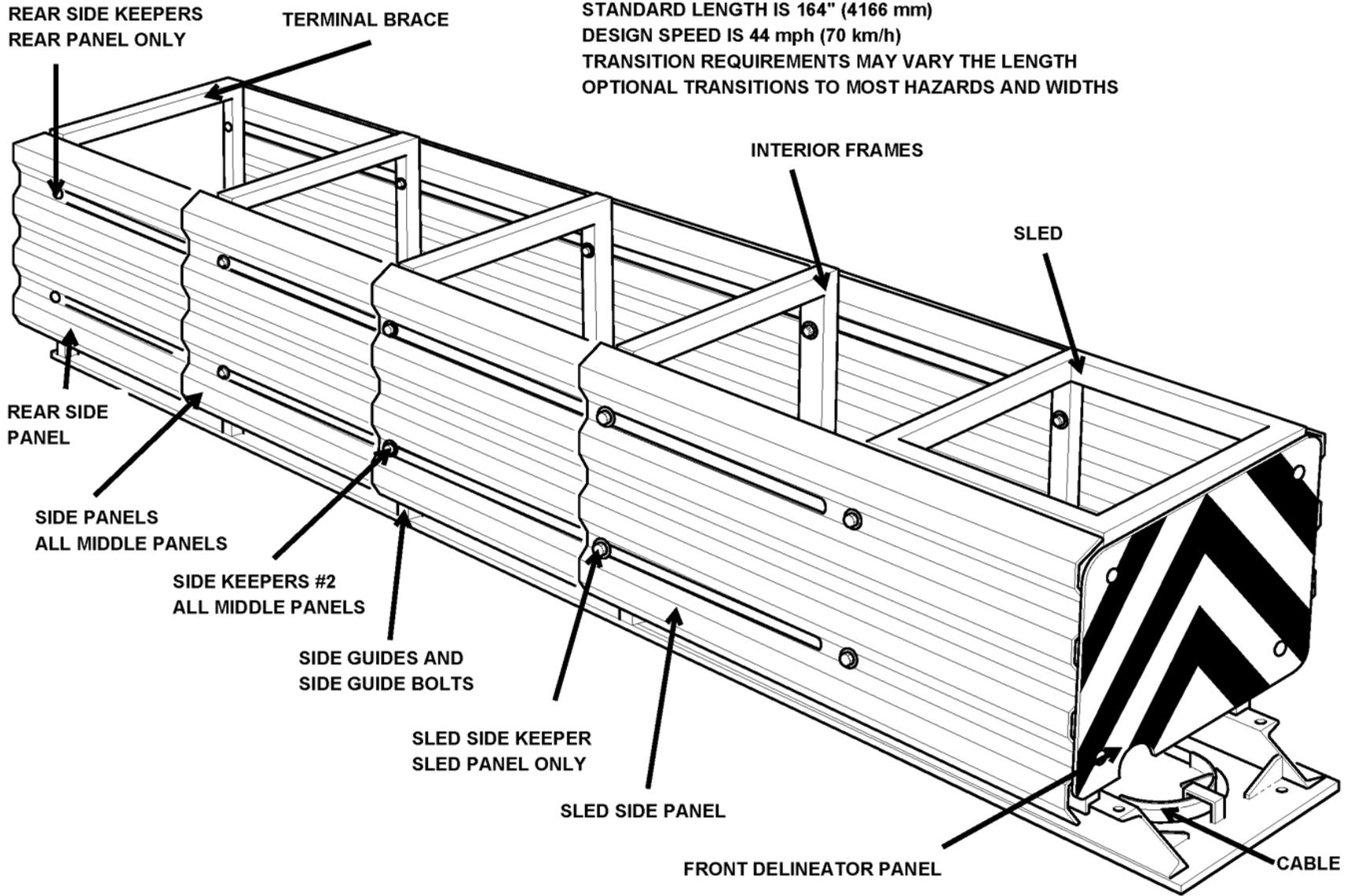
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DESCRIPTION

The SCI70GM impact attenuator was designed to provide a variable stopping force based on speed to give a smooth ridedown for a wide variety of speeds and masses.

The SCI70GM uses a hydraulic shock-absorbing cylinder to give a smooth ridedown. The telescoping fender panels are slightly tapered to allow a smooth stress-free nesting during collapse. The SCI70GM uses a 1.125" (29mm) IWRC galvanized cable to control the front sled's rearward travel.

The SCI70GM only requires two 1/4" (6mm) x 1.75" (44mm) grade 8 shear bolts to be replaced after a frontal impact within NCHRP350 design criteria. Side impacts under NCHRP350 design criteria should not result in any damage due to the side panel configuration. A reset can be performed in less than one (1) hour by an experienced repair crew. Most SCI70GM parts are interchangeable with the SCI100GM to minimize inventories.

The SCI70GM has transitions to 24" (610mm), 30" (762mm) and 36" (914mm) obstacles as well as gore area configurations. Wider width may affect the length of the system.

SPECIFICATIONS

Non-Gating	Length	13.7' (4.17m)
Redirectional	Width	24" (610mm)
Non-Pocketing	Height	2.75' (840mm)
Bidirectional	Weight	2,463 lb (1,117kg)
Fully Reusable		

APPROVAL

The SCI70GM impact attenuator was tested to the NCHRP350 Test Level 2 criteria and was approved in the FHWA acceptance letter CC-85A at http://safety.fhwa.dot.gov/roadway_dept/road_hardware/barriers/pdf/cc85a.pdf.

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