

Guardrail End Terminals



MASH COMPLIANT

SoftStop[®]



INGAL
CIVIL PRODUCTS
A valmont COMPANY

SoftStop®

The SoftStop® is an all-steel tangent end terminal for use with 790mm W-beam guardrail systems. Using a proprietary head that flattens and extrudes W-beam guardrail upon end-on impacts within the MASH testing criteria, the SoftStop dissipates energy while guiding flattened rail through the mouth at the bottom of the unit. The system is MASH Test Level 3 compliant as a redirective, gating end terminal. It is also available in Test Level 2 configuration.

Assembly Advantages

- Splices at mid-span of the posts allow for easy assembly.
- Extruded rail is flattened and maintains connection to unit for quicker repair and clean up.
- Optional pre-assembled head with anchor guardrail allows for quick assembly at site.
- Compatible with various 790mm guardrail systems.

Features & Benefits

- Tall narrow extruder head provides less obstruction for ongoing maintenance operations such as mowing and snow removal.
- 100% galvanized steel head and post design reduces weather or UV related issues.
- The SoftStop head has the potential to be reused after impact. The ultimate decision of reusability rests with the specifying transportation authority.
- Unique anchorage design allows guardrail run to remain anchored after end-on impacts, when impacted according to MASH guidelines.

Specifications

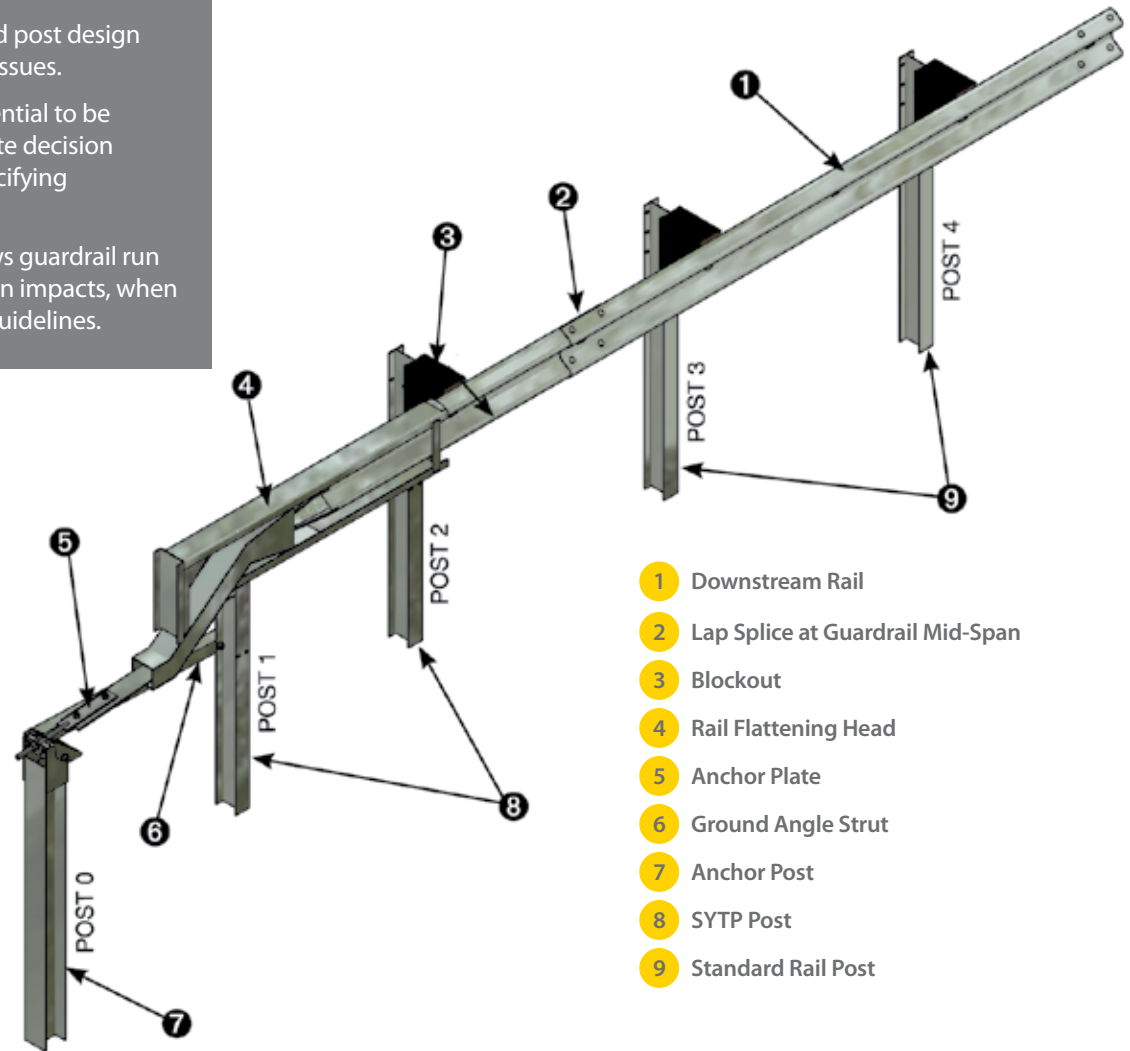
Optional System Offset
up to 610mm over 15.2m

Head Width: 178mm

System Length:
15.48m TL-3, 7.86m TL-2

Length of Need:
Starts at Post #3

MASH COMPLIANT



- 1 Downstream Rail
- 2 Lap Splice at Guardrail Mid-Span
- 3 Blockout
- 4 Rail Flattening Head
- 5 Anchor Plate
- 6 Ground Angle Strut
- 7 Anchor Post
- 8 SYTP Post
- 9 Standard Rail Post

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