

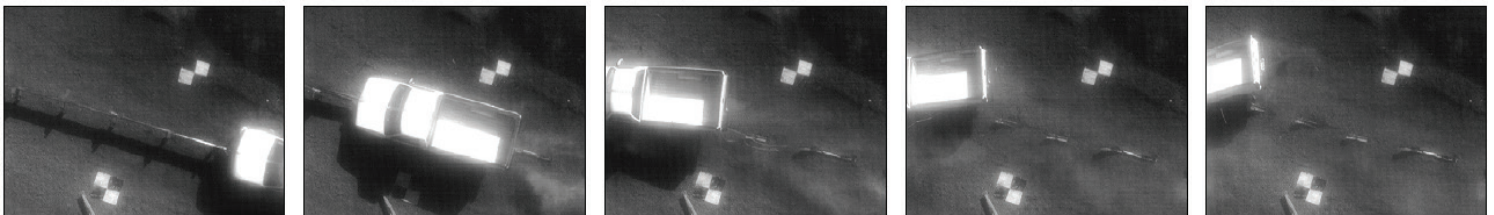
### OVERVIEW

**X-Tension®** is the world's first fully re-directive, non-gating W-Beam terminal end. It takes advantage of steel cables and an internal breaking device to provide tension based energy absorption instead of compression based as on traditional systems.

Given its tension based technology the **X-Tension®** exhibits greater vehicular control during end-on impacts. Even on acute impact angles on the nose, where it still redirects the errant vehicle in a controlled manner rather than gate and allow it to pass at high speed.

The **X-Tension®** is available as a tangent or flared terminal end with a length of need starting at post #1; rather than at post #3 as in conventional gating terminal ends.

The **X-Tension®** has been crash tested and accepted in accordance to NCHRP 350 TL-3.



2000 kg Pickup truck impacting at 100 kph end-on

### FEATURES

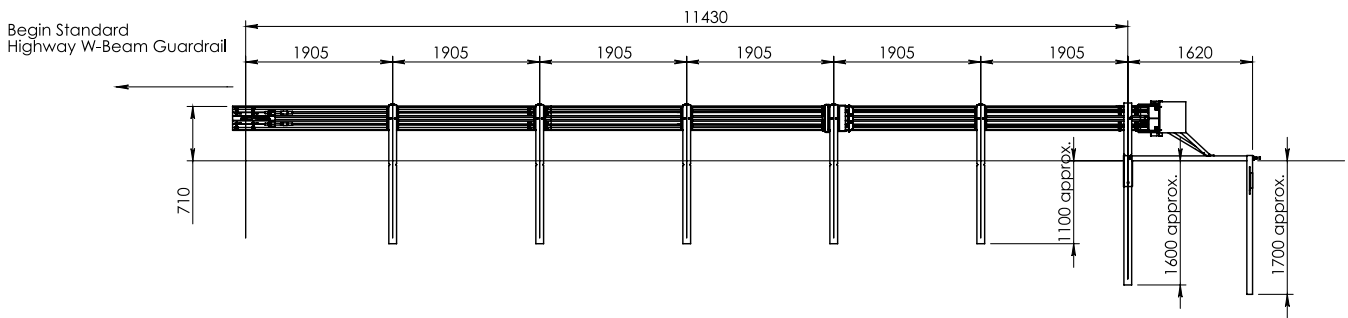
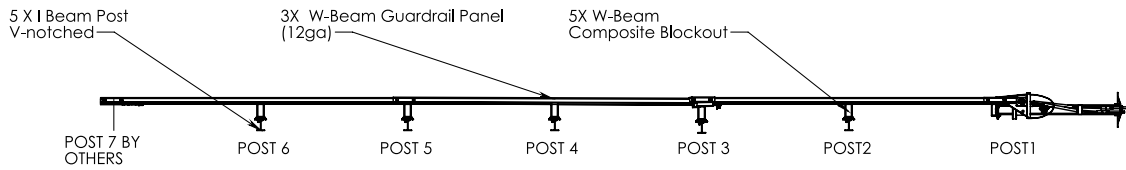
- Fully re-directive from post #1
- Superior tension based performance
- NCHRP 350 TL-3 Accepted
- Little or no debris scatter
- Uses all standard W-Beam
- Ease of installation and maintenance
- Available as a tangent or flared System
- Also available as a median version



# SPECIFICATIONS

- ° Length of need starts at post #1
- ° Max flare 1200mm over 3 lengths of W-Beam
- ° System length – 11.4 meters
- ° 27" or 31" (710 mm or 790 mm) height option
- ° Uses standard W-Beam
- ° NCHRP 350 TL-3 tested
- ° Fully Re-directive, Non-gating
- ° Steel posts

Specifications	
Length	11.4m
Height	710mm or 790mm
Steel Posts	6
Max Flare	1200mm
LON	Post #1
NCHRP	TL-3
Max Deflection	980mm
Post Spacing	1905mm



## SUMMARY

**X-Tension®** is the world's first and only fully re-directive, non-gating W-Beam terminal end. Suitable for tangent and flared applications.

With its exceptional vehicular control and energy absorbing capabilities during end-on impacts, the **X-Tension®** provides the ideal solution for W-Beam end treatment. Contact Valmont Highways today for more information on this and other road safety products.

*X-Tension® is a registered trademark of Lindsay Transportation Solutions.*



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