



MAX-TENSION GUARDRAIL END TERMINAL, TANGENT



SEW32a

Lindsay Transportation Solutions, 180 River Rd., Rio Vista CA, 94571, 888-800-3691
www.lindsayzipper.com

SHEET NO. 1 OF 2
DATE:

INTENDED USE

The MAX-Tension™ Guardrail End Terminal (MAX) is a re-directive, gating tension-based end terminal for corrugated W-Beam barrier systems in tangent configurations. It can be used to protect motorists from unforgiving terminations of longitudinal barriers. The MAX system absorbs the energy and gradually decelerates an impacting vehicle when impacted head-on and contains and redirects a vehicle during side impacts. The BLON is at post 3. The MAX system integrates directly into a corrugated W-Beam guardrail system.

The system consists of an impact head, energy absorbing coupler, two tension cables, soil anchor and ground strut, in addition to standard guardrail components such as posts, blockouts, and rails. The system can be installed on any guardrail system transitioned to a rail height of 31" [787] with mid-span splices. Contact the manufacturer for further information and installation instructions.

The MAX-Tension can be applied in the following configurations:

- 8" or 12" blockouts, wood or composite
- Standard AASHTO line post can be 8.5 or 9 lb/ft
- Four standard AASHTO 12 Ga. 12'-6" 4-Space W-beam or two 25'-0" 8-Space W-beam rails
- Transition to 27 1/2" downstream guardrail with or without mid-span splice
- Transition directly to thrie-beam or other bridge rail transition
- Up to 2 ft. offset

APPROVALS

The MAX-Tension Tangent system has been fully tested in conformance with MASH Test Level 3 and is eligible for Federal reimbursement.

FHWA Eligibility Letters: CC-133, June 15, 2017

CONTACT INFORMATION

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