



MAX-TENSION MEDIAN GUARDRAIL END TERMINAL



SEW32C

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

SHEET NO.

1 OF 2

DATE:

INTENDED USE

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

The system consists of a friction based energy absorbing impact head, two tension cables and two support cables, releasable post 1 and 2, a ground anchor assembly, a panel coupler, and an energy absorbing panel coupler with integrated cutting tooth used in conjunction with standard AASHTO 12 gauge guardrail panels, posts, blockouts, and hardware. The system can be installed on any guardrail system at or transitioned to a rail height of 31" [787] with mid-span splices. Contact the manufacturer for further information and installation instructions.

The MAX-Median 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 one AASHTO 12Ga 12'-6" 4-Space W-beam and one 25'-0" 4-Space W-beam
- 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 Median system has been fully tested in conformance with MASH Test Level 3 and is eligible for Federal reimbursement.

FHWA Eligibility Letters: CC-141, January 10, 2018

CONTACT INFORMATION

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