

MATT™

MEDIAN ATTENUATING TREND® TERMINAL



MASH

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Median Attenuating TREND® Terminal

MATT is a tangent, double-sided, redirective/gating and energy absorbing attenuator/end terminal, for use with various longitudinal highway barriers in either unidirectional or bidirectional traffic applications – to include roadside, shoulder, median and gore installations.

MATT is tested to MASH-2nd Edition (with 2020 Errata) Test Level 3 criteria and may be used in Test Level 1, Test Level 2, and Test Level 3 applications – when installed at the full Test Level 3 system length of 34' 4-1/2" [10.48 m].

During head-on impacts within MASH criteria, MATT is designed to dissipate energy by engaging the energy absorbing technology of the device.

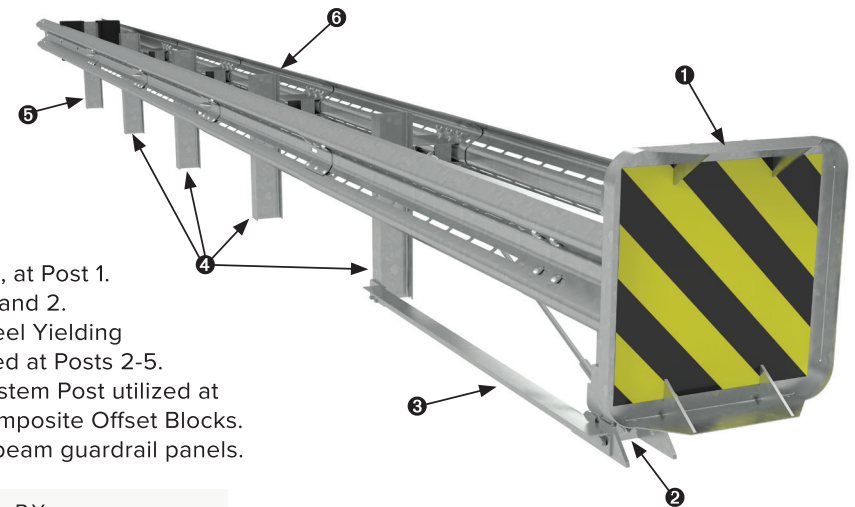
During length-of-need side impacts within MASH criteria, MATT is designed to contain and redirect the impacting vehicle.

FEATURES

- Shortest MASH tested Median Terminal.
- Galvanized steel components reduce weather/UV related issues.
- During testing, debris field was significantly contained.
- Utilizes patented TREND® technology to absorb energy.
- ALL post spacings are 6' 3" [1.905 m] on center.
- Connects directly to double-sided Midwest Guardrail Systems (“MGS”) W-beam with 8" (200 mm) blockouts.
- Applications include Median, Roadside, Shoulder and Gore installations, for both approach and departure installations.

SPECIFICATIONS

- System Weight: ~1,525 lbs. [~692 kg]
- System Length: 34' 4-1/2" [10.48 m]
- System Width (at impact head): 2' 5" [737 mm]
- System Height (except impact head): 31", +1", -0" [787 mm, +25 mm, -0 mm]
- Beginning Length-of-Need (“BLON”) established during MASH Test 3-35 at Post #3, 12' 6" [3.81 m] from Post 1.



- 1 MATT Impact Head.
- 2 Cable Release Post (“CRP®”), at Post 1.
- 3 Angle Strut, between Post 1 and 2.
- 4 W6 x 8.5# [W150 x 13 kg] Steel Yielding Terminal Posts (“SYTP®”) used at Posts 2-5.
- 5 W6 x 8.5# [W150 x 13 kg] System Post utilized at Post 6, with 8" [200 mm] Composite Offset Blocks.
- 6 Patented slotted TREND W-beam guardrail panels.

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