

UNIDIRECTIONAL INSTALLATION SHOWN  
 CUSTOM TRANSITION DESIGNS ARE  
 AVAILABLE. CONTACT ENERGY ABSORPTION  
 SYSTEMS, INC. FOR FURTHER DETAILS

NEW OR EXISTING GUARDRAIL,  
 TO BE SUPPLIED BY OTHERS

TRANSITION STRAP ASSEMBLY

PANEL/STRAP ASSEMBLY

DIAPHRAGM

BREAKAWAY  
 ASSEMBLY

TRAFFIC

TRAFFIC

BRAKE/TENSION  
 SUPPORT ASSY

CENTER OF DRIVABLE  
 POST (TUBING)

DRIVABLE POST  
 ANCHOR ASSEMBLY

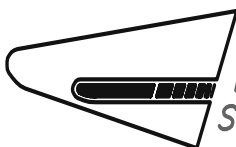
SYSTEM LENGTH 378 [9600]

CABLE ASSY

GRADE  
 21 [533]

W-BEAM  
 FENDER PANEL

# BRAKEMASTER<sup>®</sup> 350 SYSTEM



ENERGY ABSORPTION  
 SYSTEMS, INC.

## SEW06

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## INTENDED USE

The Brakemaster<sup>®</sup> 350 System offers a cost-effective alternative for low frequency impact applications. The system is designed to protect a variety of narrow hazards, both unidirectional and bidirectional, in wide medians such as double-sided guard rail ends, bridge pillars, and lighting or sign supports.

The Brakemaster<sup>®</sup> 350 System consists of a framework of W-beam steel guardrail panels that move rearward when hit head-on. A special braking mechanism provides frictional resistance, which brings an impacting vehicle to a safe and complete stop. The system is also tensioned to safely redirect vehicles in side angle impacts.

Universal components and fasteners simplify inventory and installation. Plus the above ground steel post diaphragms allow fast refurbishment after an impact.

The Brakemaster<sup>®</sup> 350 System successfully meets NCHRP 350, Test Level 3 as a redirective, gating end treatment.

• Redirecting	BLON =	15.7 ft [4.8 m]
• Gating	Length =	378 in [9601 mm]
• Non-Pocketing	Width =	24 in [610 mm]
• Bidirectional or Unidirectional	Mass =	2,000 lb [907 kg]
	Design Speed =	62 mph [100 km/h]

**APPROVALS:** [http://safety.fhwa.dot.gov/roadway\\_dept/road\\_hardware/barriers/pdf/cc-41.pdf](http://safety.fhwa.dot.gov/roadway_dept/road_hardware/barriers/pdf/cc-41.pdf)

### Contact Information

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## BRAKEMASTER<sup>®</sup> 350 SYSTEM

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