

BarrierGuard 800

Steel Safety Barrier



NCHRP-350; TL3 & TL4

High Performance

Cost Effective

Easy Installation



EN1317-2; N2



EN1317-2; H2



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Highway Care



BarrierGuard 800

Testing & Approval

BarrierGuard 800 has been tested to meet the highest performance standards in the world, passing both the American Standard NCHRP-350 AND the European Standard EN1317 part 2.

NCHRP-350 TL3 & TL4

Vehicle: 2,000kg pickup truck
Impact Angle: 25 degrees
Impact Speed: 62mph

EN1317-2; N2

Vehicle: 1,500kg car
Impact Angle: 20 degrees
Impact Speed: 70mph

EN1317-2; H2

Vehicle: 13,000kg bus
Impact Angle: 20 degrees
Impact Speed: 45mph



International Accreditations:

USA certified to NCHRP 350 - TL1, TL2, TL3 & TL4

European Certified to EN1317, parts 1 & 2 - T1, T2, T3, N1, N2, H1 & H2

BarrierGuard 800

Product Features

Highest containment (TL-3 and TL-4)

Lowest deflection of any steel barrier
(less than ONE INCH)

Standard 20ft, 40ft and 50ft sections are
easily transported and installed

Anchored at each end - no Before Length
Of Need (BLON)

Durable after impact - 20 year plus life
cycle expected with normal usage

Versatile - angle sections can achieve 120
foot radius

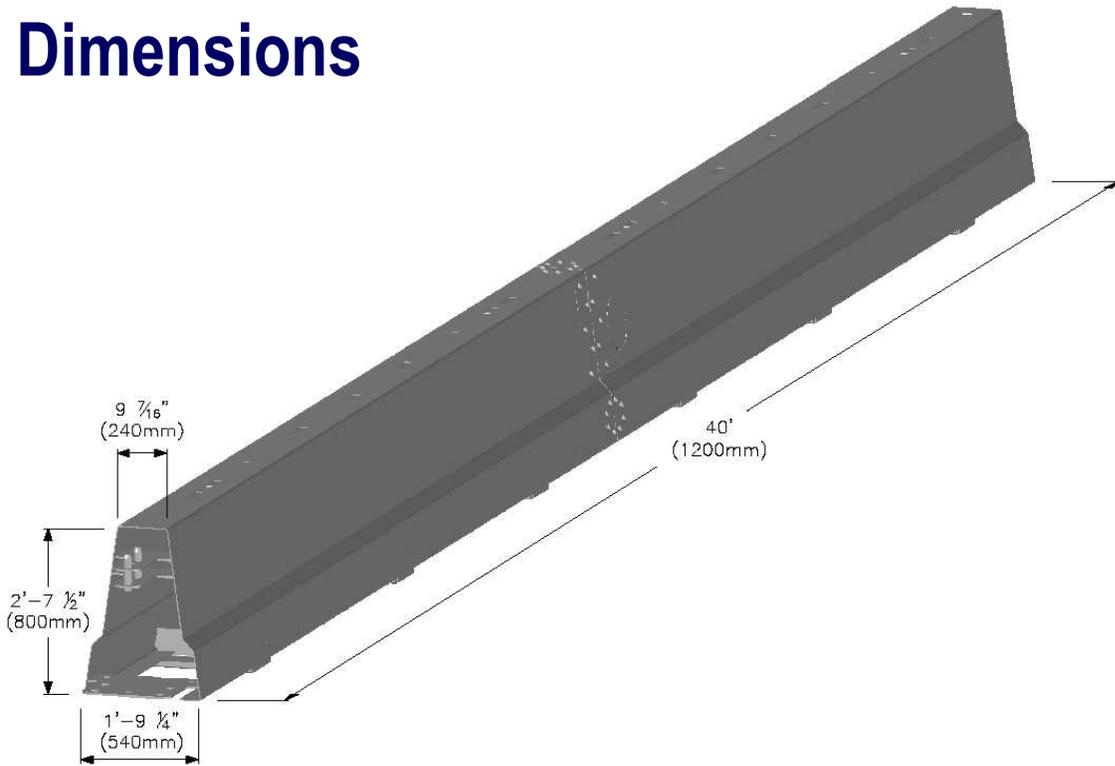
A variety of transitions, terminations and
temporary crash cushions available

Options include Gates, Moveable Wheeled
Versions and Minimum Deflection System
(MDS)

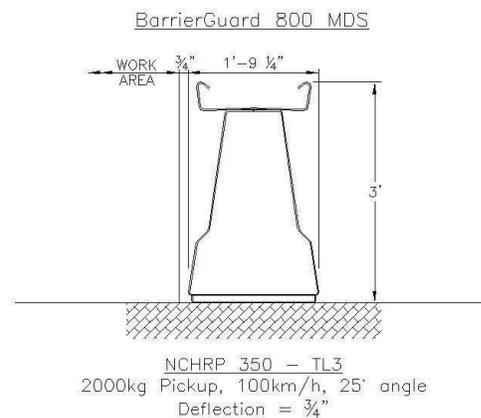
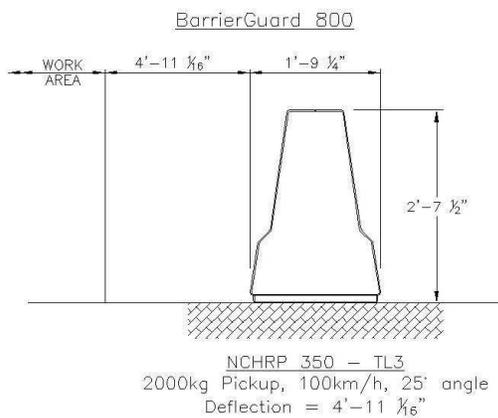


BarrierGuard 800

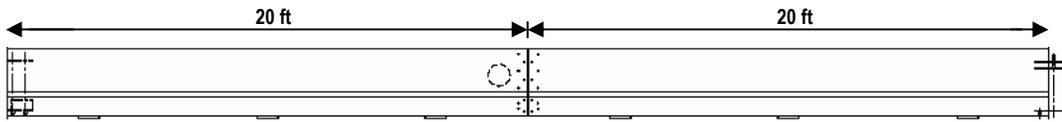
Dimensions



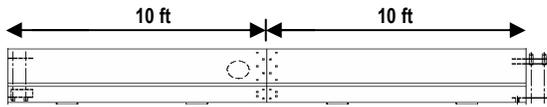
Deflections



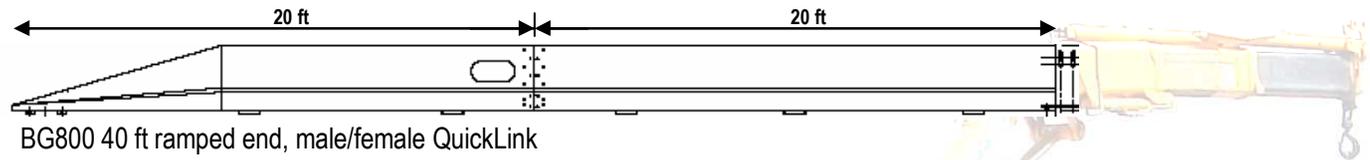
BarrierGuard 800



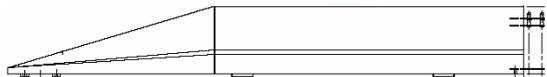
BG800 40 ft section, male/female QuickLink



BG800 20 ft section, male/female QuickLink



BG800 40 ft ramped end, male/female QuickLink



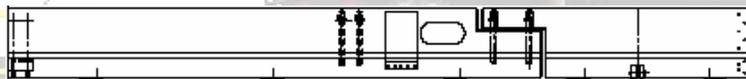
BG800 20 ft ramped end, male or female QuickLink or bolted joint



BG800 with Crash Cushion end treatment and male or female QuickLink



BG800 with full height anchor



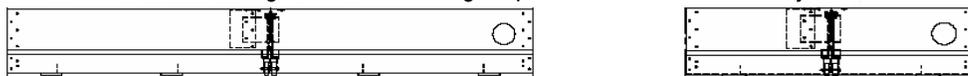
BG800 gate post (anchored) with male or female QuickLink or bolted joint



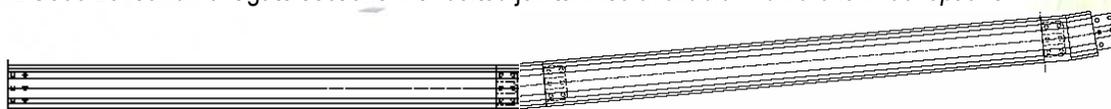
BG800 modular gate sections



BG800 20 ft and 10 ft gate sections with gate post connector and bolted joint



BG800 20 ft and 10 ft gate sections with bolted joints. Also available in different wheel options



BG800 40 ft section with 5° slotted plate (plan view). Also available in 10 ft and 20 ft sections



BG800 angled sections are 2 ft long and can be configured into a right or left hand application as needed

BarrierGuard 800

BarrierGuard 800 PORTABLE

For Use at Work Zones / Road Construction

BarrierGuard 800 provides portable protection at work zones as well as emergency protection of bridge parapets and guardrail impact sites. BarrierGuard 800 provides the highest level of protection (TL-4) available with cost effective transportation and rapid installation. Gates can be included within the runs for providing temporary access during maintenance or construction works



Ease of Installation

Can be installed at up to 1,000 ft per hour

Anchored at either end of barrier run only

Quick-Link joint for speed of connection between sections

Safe and convenient stacking for ease of loading and unloading



Cost-effective transportation

Up to 720 ft transported per truck

Light weight at only 60 lbs / ft



BarrierGuard 800 PERMANENT

Can be installed on structures as a permanent median barrier or permanent bridge rail after using barrier during the construction phase

Light weight system - ideal for use on structures with weight limits such as bridges

Durable in comparison to guard rail or parapets - can withstand multiple impacts without the need for replacement



BarrierGuard 800

BarrierGuard 800 Wheeled System

The Wheeled System allows for longitudinal or lateral movement of the barrier to accommodate work zone requirements

Rapid deployment, installation and removal

Easily open and close positively protected work areas on a daily basis

No lifting equipment required



BarrierGuard 800 Gate

Used to provide a safe access point within all forms of safety barriers, to allow for traffic cross over during emergencies or maintenance works



BarrierGuard VLB

Variable Length Barrier (VLB) can be used for continuous barrier protection over bridge expansion joints or when excessive barrier expansion/contraction is anticipated



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