# Safety Xtreme Round and Square Bollard

**Extreme Storefront Protection for safeguarding** customers and property from accidental or deliberate vehicle impacts

100

Storefront crashes per day

16,000

Injured annually

2,600

Deaths every year

Council

43%

Happen at retail and restaurant locations



Data from the Storefront Safety





#### Applying ingenuity around the world.

Boston Group provides total solutions to energize environments, protect assets and support unique shopping or working experience. We listen carefully, look beyond the challenge and come up with smart solutions, exploring new domains every day together with you. From initial concept to full product rollout we expertly guide the process to deliver the right solutions for your needs.









POWER

## Safety Xtreme

Round and Square Bollard

**SPEC:** 4.5" Round Safety Xtreme Bollard **MATERIAL:** Hot Dipped Galvanized Steel

**FINISH:** Hot Dipped Galvanized Steel (Can be powder coated or covered with Stainless Steel or colored plastic bollard covers)

HEIGHT ABOVE GRADE: 36" in

\*CRASH TEST RATING: ASTM F3016 S20

Certified to stop a 5000lb vehicle traveling at 20mph

Delivered ready for easy installation without any required underground cage hardware.

Safety Xtreme 4.5" Round Bollard

4" CONCRETE GRADE

5.000 PSI CONCRETE FOOTING (TYP.)

36" Height

COMPACTED EARTH

Four - 1/2" x 11" Rebar

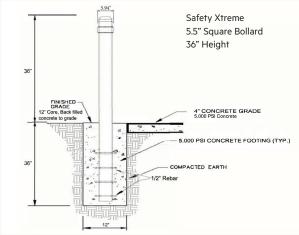
**SPEC:** 5.5" Square Safety Xtreme Bollard **MATERIAL:** Hot Dipped Galvanized Steel

**FINISH:** Hot Dipped Galvanized Steel (Can be powder coated or covered with Stainless Steel or colored plastic bollard covers)

HEIGHT ABOVE GRADE: 36" in

\* CRASH TEST RATING: ASTM F3016 S20 Certified to stop a 5000lb vehicle traveling at 20mph

\* The ASTM F3016 was designed to establish a repeatable and reproducible test for assignment of uniform speed and penetration rating designations on protective devices, like a bollard, when impacted by a common vehicle weight. This certified third party testing was performed by Calspan Corp and certification letters can be supplied.



Delivered ready for easy installation without any required underground cage hardware.



PROTECT

### COMPONENT DESCRIPTION

Core Safety Xtreme Round or Square
Cover Options HDPE Post Covers with Foam Tape

(72" and can be cut down)

(variety of colors and materials available upon request)

Change the appearance by adding a round cover to your bollard. Popular Cover Options - More Options Available Upon Request



















### COMPONENT DESCRIPTION

Sign Post Kit Safety X Bollard Sign Post Add-on \*Handicap Sign Not Included









