## CrashCore<sup>™</sup> Bollard

### McCue's Crash-Tested ASTM F3016 Bollard

Endless cover options to match your brand Designed to stop a 5,000lb vehicle traveling at 20mph & 30mph per ASTM F3016

Not just a pipe in the ground — Solid steel core, elastomer and shell work together to absorb energy

Easy core drill installation — we even provide the rebar!



\*Patent Pending

# Protect your customers!



**20,000:** Number of times a year vehicles crash into buildings

**4,000:** Number of people injured annually in these crashes



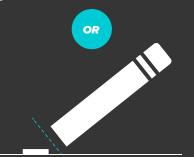
**500:** Number of people killed each year as a result

But it doesn't have to be that way! 'Storefront Safety Council

## Pipes in the ground? They don't work.



**Concrete Damage:** When impacted, unrated bollards can pull out of the ground.



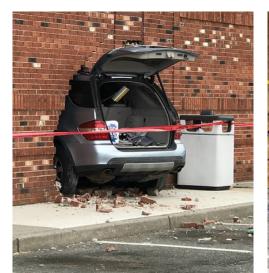
**Sheared Off:** Bollards filled with concrete can snap right at the base.

Safety Tip: Did you know, filling pipes with concrete may make them more dangerous? By increasing the stiffness, the bollard is more likely to shear or pull up from the ground.







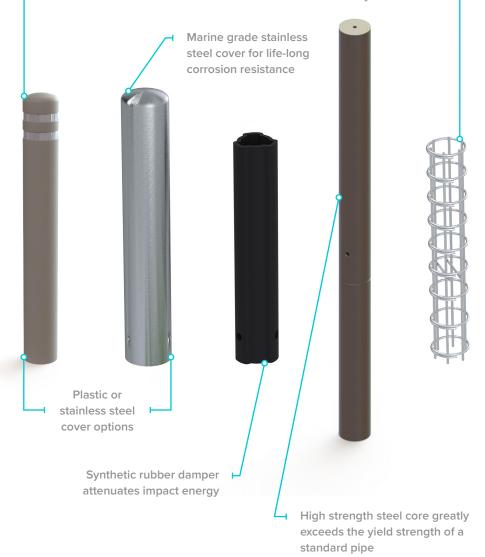




# **Engineered for strength. Designed to save lives.**

HDPE shell is maintenance-free and complements your brand

We provide a pre-constructed rebar cage, making installation easy & consistent





#### Certified to meet ASTM F3016

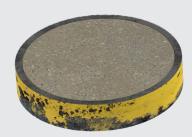
Proven to stop a 5,000 lb vehicle at 20 mph



#### Installation Made Easy

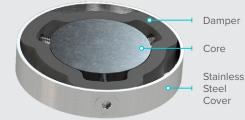
Because its shock-absorbing core absorbs impact energy above grade, the CrashCore Bollard can have a small, core-drilled foundation underground making for a quick & easy installation.

#### Technology, At Its Core



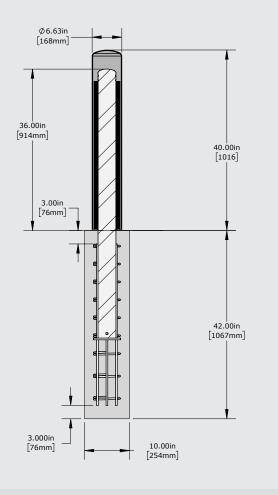
**Old** Concrete Filled Bollard

If you had to halt a vehicle traveling at 20mph, what kind of material would you trust to get the job done? Combining EDPM, stainless steel and a high-strength steel core, McCue's crash-tested CrashCore Bollard is guaranteed to work. Can you say that about your concrete-filled pipe?



New CrashCore Bollard

#### **Dimensional Specs**



**CAN'T DIG DEEP? NO PROBLEM.** Our shallow cage option is only 12<sup>°</sup> below grade.

#### Safety Can't Wait — Get Yours Now

Want to sign up for a CrashCore Bollard installation? Contact us today and we'll get you on the list right away.

### Contact Us

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www.mccue.com

