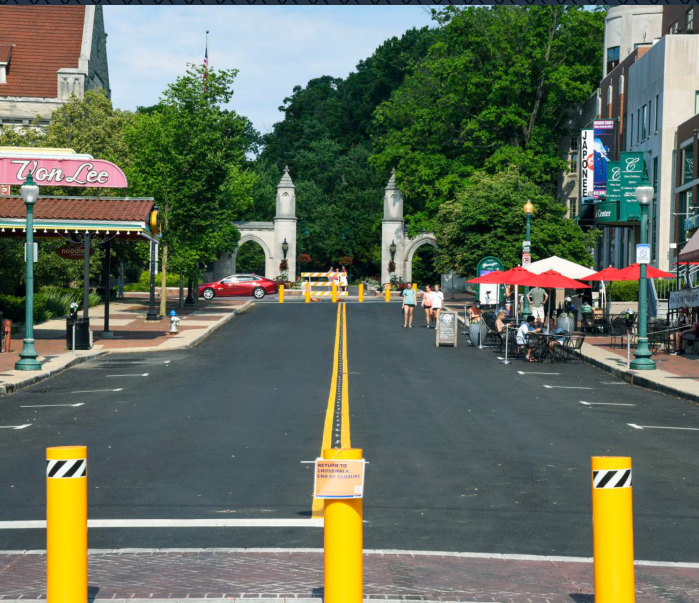


BOLLARD

• WAREHOUSE •

DESIGNED, TESTED & MANUFACTURED IN THE U.S.A.



STREETSCAPE

Protect pedestrians at special
events and outdoor dining.



ASTM INTERNATIONAL



Scan for more info

TECHNICAL SPECS

10 MPH Removable Bollard 5" (CIR HL2005 S10)

- Core-In ASTM F3016 S10 (10MPH) crash tested bollard system
- 5.563" x 48", 36" above grade Galvanized Post
- Galvanized Stress Bracket (Patent Pending)
- Galvanized 18" ground sleeve
- Galvanized helix lock filler piece
- Galvanized 29" pipe extension for ground sleeve
- Tested with HDPE cover

20 MPH Removable Bollard 6" (CIR HL2006 S20)

- Core-In ASTM F3016 S20 (20MPH) crash tested bollard system
- 6.625" x 48", 36" above grade Galvanized post
- Galvanized Stress Bracket (Patent Pending)
- Galvanized 24" ground sleeve
- Galvanized helix lock filler piece
- Galvanized 29" pipe extension for ground sleeve.
- Tested with HDPE cover

10 MPH Fixed Bollard 5" (CIF 5560 S10)

- Core-In ASTM F3016 S10 (10MPH) crash-tested bollard system
- Galvanized Stress Bracket (Patent Pending)
- 5.565" x 60", 36" above grade Galvanized post
- Galvanized, welded rebar cage
- Tested with HDPE cover

20 MPH Fixed Bollard 6" (CIF 6660 S20)

- Core-In ASTM F3016 S20 (20MPH) crash-tested bollard system
- Galvanized Stress Bracket (Patent Pending)
- 6.625" x 60", 36" above grade Galvanized post
- Galvanized, welded rebar cage
- Tested with HDPE cover

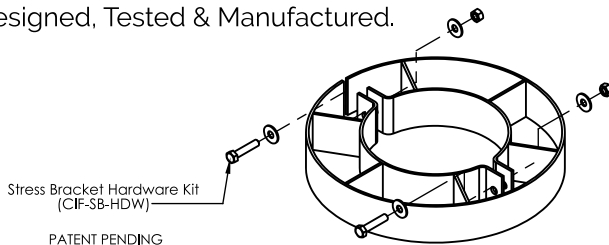
**All systems available in Galvanized, Stainless Steel &
Carbon Steel / Powder Coated Post Finishes

**All systems tested with and without signage

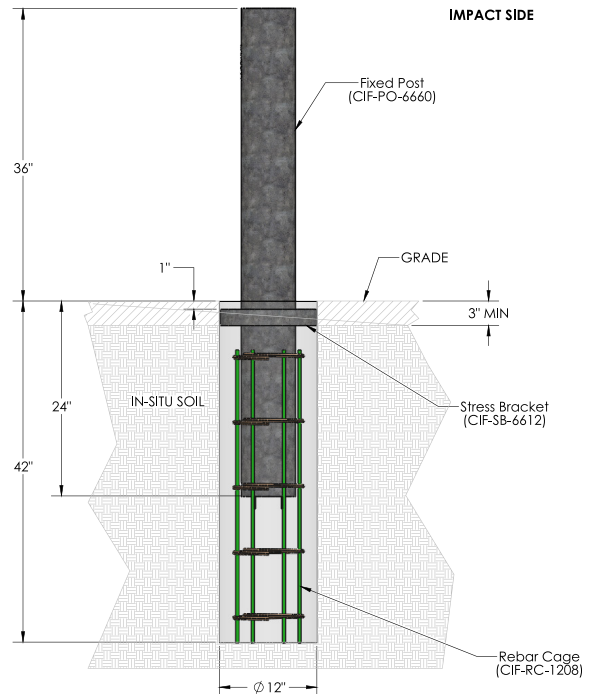
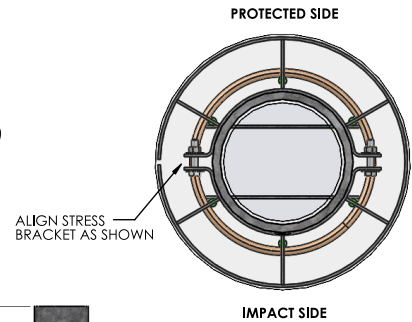
TRAFFICGUARD CORE-IN PROTECTION SYSTEM

Protect your assets overnight with TrafficGuard® Core-In Protection Systems featuring patent pending foundation technology.

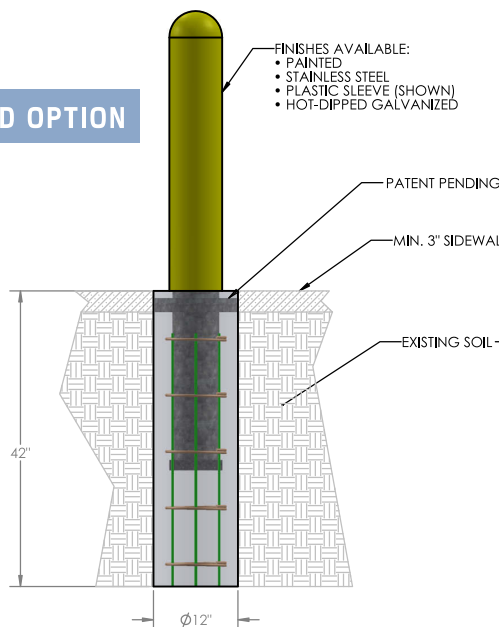
- Bollard Warehouse, Inc. is the licensed manufacturer of TrafficGuard®, Inc. ASTM F3016 crash tested bollard line.
- Rapid installation in existing slabs of 3" or more.
- ASTM F3016 10 & 20 MPH fixed & removable bollard solutions.
- Removable units feature patented (US Patent 8,297,873) Helix Lock locking system.
- Removable units feature traffic rated sleeves.
- Fixed and Removable units available with signage.
- US Designed, Tested & Manufactured.



ASTM F3016-19
S20 Fixed Post
Bollard
Assembly

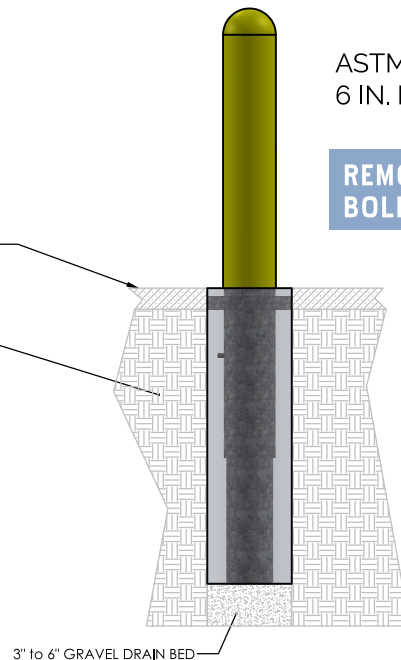


FIXED BOLLARD OPTION



ASTM F3016 S20
6 IN. Bollard

REMOVABLE BOLLARD OPTION



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