CRASHCORE BOLLARD
S10 **SOIL**

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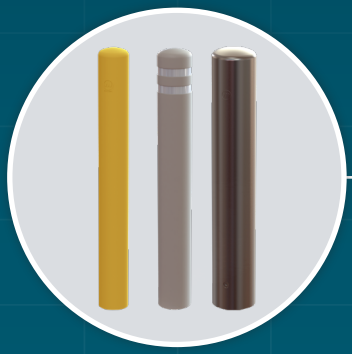




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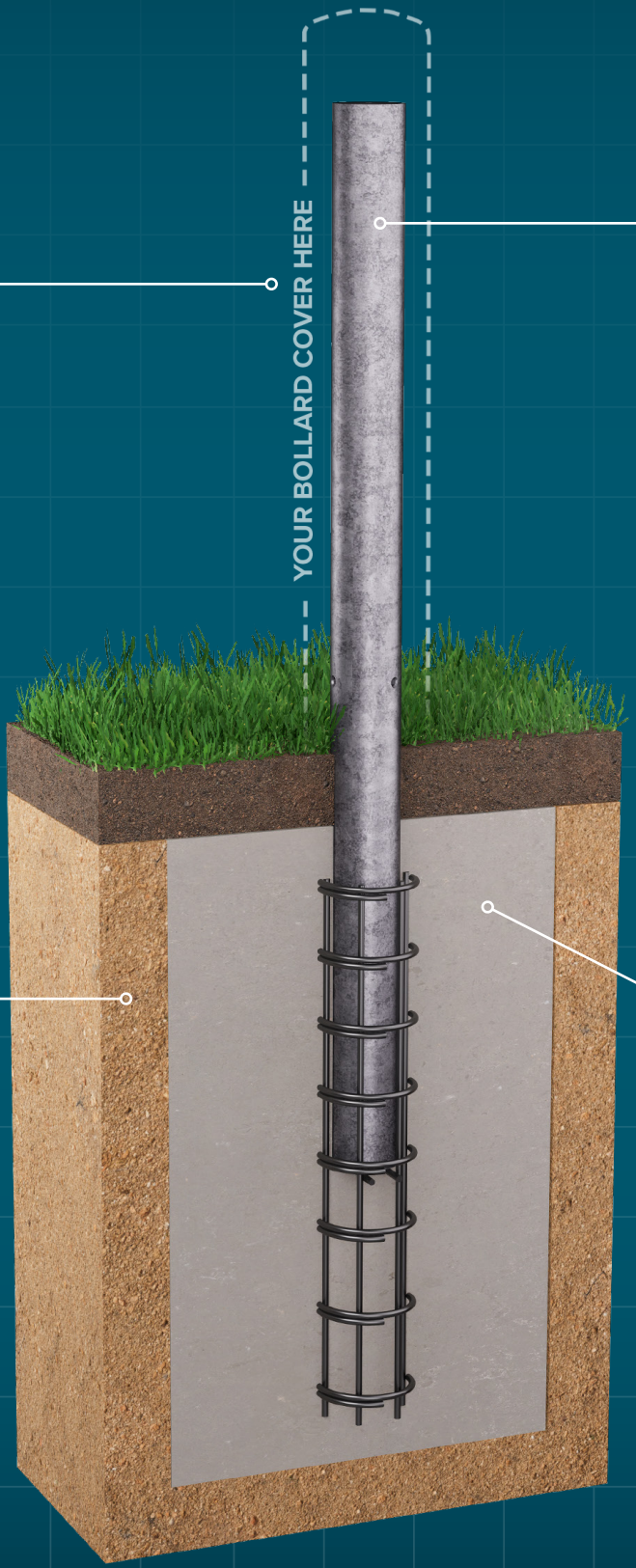
PROTECTION *BY DESIGN*

The **CrashCore Bollard S10 Soil** gives you a crash-tested option for planted areas, playground edges and other landscaped ground near vehicle traffic.



COVER OPTIONS

Choose from a range of cover designs to complement the surrounding property without changing the crash-tested core.



THIRD-PARTY CRASH-TESTED

Crash tested in soil in accordance with ASTM F3016-19 S10 impact conditions, stopping a 5,000 lb vehicle traveling at 10 mph.

PRESERVE THE PARKING LAYOUT

Install protection at the edge of the lot without shortening parking stalls or changing the existing parking layout.

BELOW-GRADE FOUNDATION

A concrete pier sits below grade, so the finished surface around each bollard stays landscaped.

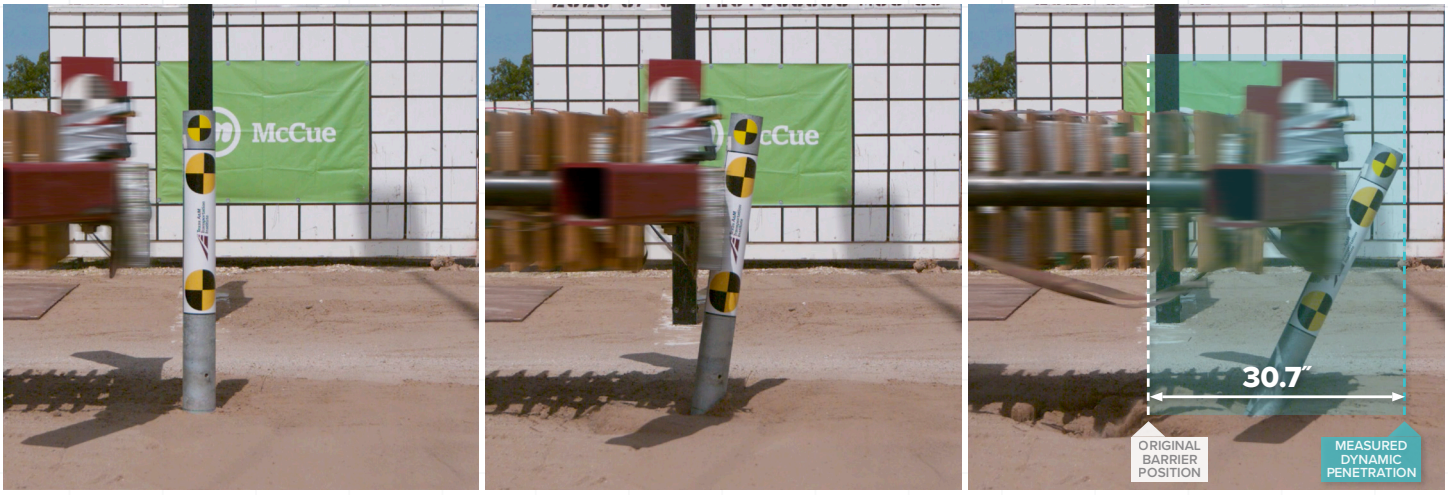


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ASTM F3016-19 S10 CRASH TEST RESULTS

5,000 lb	10 mph	30.7 in
TEST VEHICLE	IMPACT SPEED	DYNAMIC PENETRATION

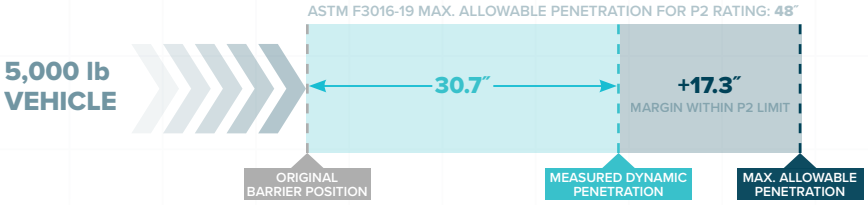
ASTM F3016-19 CRASH TEST



TEST STANDARD	TEST FACILITY	VEHICLE MASS	IMPACT SPEED	DYNAMIC PENETRATION
ASTM F3016-19	**Texas A&M Transportation Institute**	**5,000 lb**	**10 mph**	**30.7 in**

PENETRATION PERFORMANCE

ASTM F3016 allows up to 48 in of penetration for a P2 rating. In testing, the CrashCore Bollard S10 Soil stopped at 30.7 in.



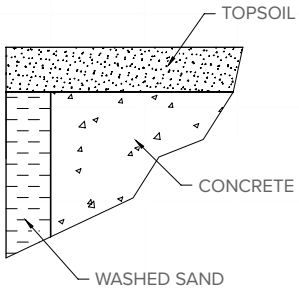
CrashCore Bollard S10 Soil Measured Dynamic Penetration:	**30.7 in**
ASTM F3016-19 Penetration Rating:	**P2**

TESTED CONFIGURATION

Bollard height above grade	36 in
Foundation type	Reinforced concrete pier foundation
Foundation diameter	24 in
Foundation depth	42 in
Concrete strength	3,000 psi minimum
Soil profile	Topsoil over compacted washed sand

MINIMUM GROUND CONDITIONS REQUIRED:

Topsoil over compacted washed sand.



Watch the test
See the complete third-party crash test.

PRODUCT SPECIFICATIONS
& PURCHASING YOUR PRODUCT



CRASHCORE BOLLARD S10 SOIL 4″ REFLECTIVE

PART NUMBER: 1B625###

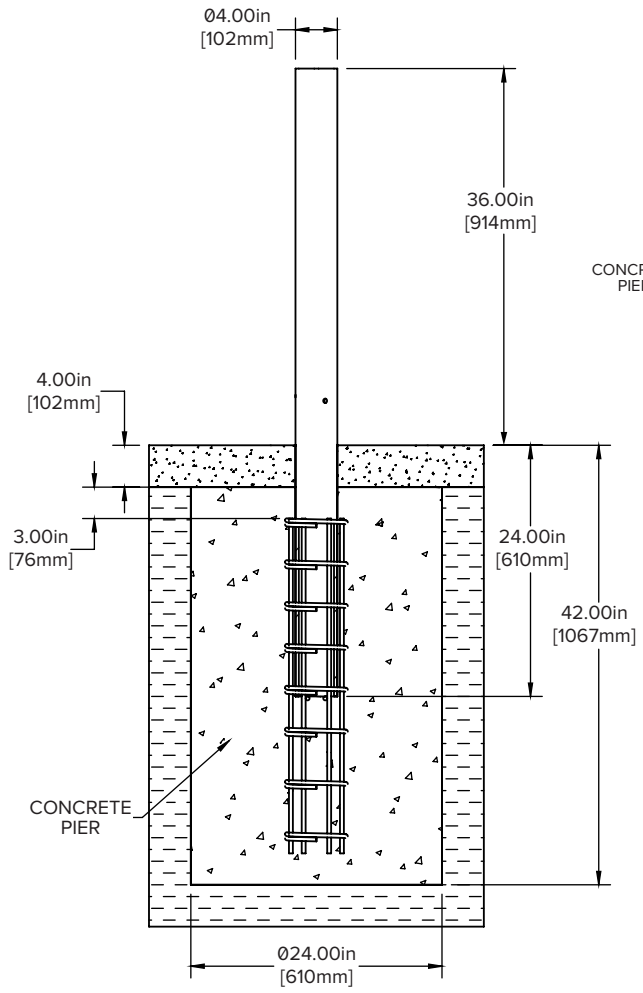
PART	DESCRIPTION
Cover	4″ x 40″ Reflective Plastic Post Cover
Core	S10 Deep Steel Core
Cage	S10 Deep Rebar Cage
Adhesive	1/2″ Thick Post Cover Foam Tape, 8.33′ Long

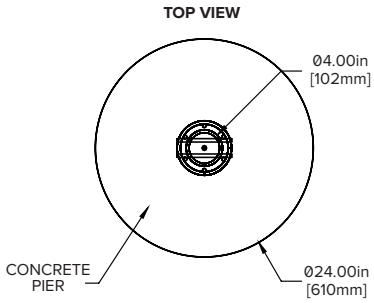


CRASHCORE BOLLARD S10 SOIL 6″ STAINLESS STEEL

PART NUMBER: 1B626905

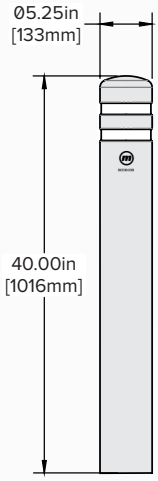
PART	DESCRIPTION
Cover	6″ x 40″ Stainless Steel Post Cover
Core	S10 Deep Steel Core
Cage	S10 Deep Rebar Cage
Hardware	Flat Head Screw, 1/2″ - 13 Thread, 2″ Long





COVER OPTIONS

4″ COVER WITH REFLECTIVE TAPE:
PART NUMBER: 9C016



6″ STAINLESS STEEL COVER:
PART NUMBER: 9C003

