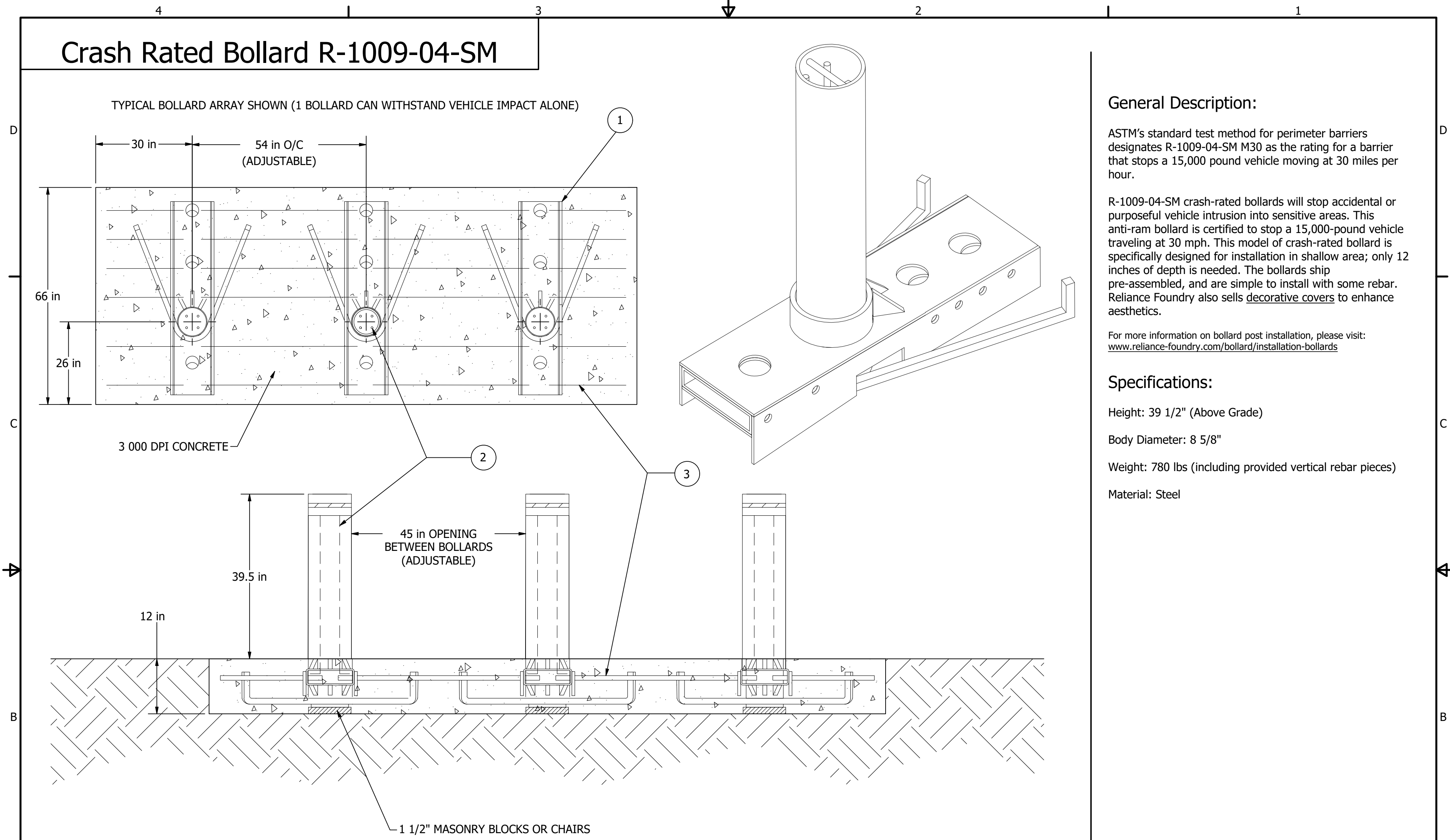


# Crash Rated Bollard R-1009-04-SM



## General Description:

ASTM's standard test method for perimeter barriers designates R-1009-04-SM M30 as the rating for a barrier that stops a 15,000 pound vehicle moving at 30 miles per hour.

R-1009-04-SM crash-rated bollards will stop accidental or purposeful vehicle intrusion into sensitive areas. This anti-ram bollard is certified to stop a 15,000-pound vehicle traveling at 30 mph. This model of crash-rated bollard is specifically designed for installation in shallow area; only 12 inches of depth is needed. The bollards ship pre-assembled, and are simple to install with some rebar. Reliance Foundry also sells [decorative covers](#) to enhance aesthetics.

For more information on bollard post installation, please visit: [www.reliance-foundry.com/bollard/installation-bollards](http://www.reliance-foundry.com/bollard/installation-bollards)

## Specifications:

Height: 39 1/2" (Above Grade)

Body Diameter: 8 5/8"

Weight: 780 lbs (including provided vertical rebar pieces)

Material: Steel

## Notes:

- Embedment details are for reference illustration only. Minimum foundation sizes depend on local soil conditions, weather conditions, and engineering requirements.
- Bollard is provided as shown, with parts listed below. Concrete foundation and/or installation not provided by Reliance Foundry.
- This drawing is not drawn to scale. Dimensions provided herein is for reference only. Please consult Reliance Foundry sales professionals if any dimension is critical to your particular installation.
- Reliance Foundry reserves the right to amend design and specifications without prior notice for product improvement.

**RELIANCE FOUNDRY**  
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TITLE

**R-1009-04-SM**

SIZE  
**C**

DWG NO  
**R-1009-04-SM\_public**

REV  
**A05**

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	R-1009-04-SM	M30 Shallow Mount Bollard
2	4	Rebar	Vertical Rebar #8 46in (Included)
3	6	Rebar	Horizontal Rebar #5 (Provided by Installation Contractor)