

# SET & POUR BOLLARD MODEL SPB-400

ASTM M30 (K4) CERTIFIED  
PREFABRICATED FIXED BOLLARD  
NO REBAR IN FOUNDATION



- ◆ Crash tested and certified with ASTM F2656-07 M30 P1 rating (K4).
- ◆ Department of Defense (DoD) approved and listed on Anti-Ram Vehicle Barrier List.
- ◆ One single standalone bollard stops 15,000 lb. vehicle at 30 mph within 1 meter penetration.
- ◆ Unrestricted bollard spacing (any distance), while maintaining ASTM M30 P1 certification. (fewer bollards results in less costs)
- ◆ Simply set single prefabricated bollard in excavation and pour concrete (no rebar in foundation).
- ◆ No tying, bolting, welding, assembly, or specialty subgrade required.
- ◆ Excavation 30" wide by 36" deep with 3000 psi concrete.
- ◆ Easy to install with turns and across grade elevation changes using standard bollard.
- ◆ Allows for field adjustment.
- ◆ Reduce installation time and cost by about 50%.
- ◆ Bi-directional stopping capability.
- ◆ Removeable bollard configuration is available.
- ◆ Variety of bollard covers are available including stainless steel, plastic, decorative shapes, concrete, lighted covers, and others
- ◆ Drawings, submittals, engineering support, and installation instructions with photos are included.

**BARRIER 1**  
SYSTEMS, INC.

[www.barrier1.us](http://www.barrier1.us)  
(336) 617-8478 phone (336) 617-8471 fax

Barrier1 Systems, Inc.  
Greensboro, NC USA

09132017