A single 12" deep bollard will stop a 15,000 lb vehicle.

**SHALLOW MOUNT BOLLARDS**

*Features and Advantages*

- Crash tested and certified by Department of State with K4, K8, and ASTM M50 ratings (stopped 15,000 lb vehicle at 30 mph, 40 mph and 51 mph).
- Avoid underground utilities since shallow foundations are only 12" deep.
- Cost effective installation using modular bollard components and minimal concrete.
- No field welding or bolted connections during installation.
- Install modular bollards across grade elevation changes and at turns without complication.
- Wide selection of bollard covers and bollard furniture is available.
- Complies with handicap codes (ADA) regarding clear space between bollards.
- Only one bollard required to stop 15,000 lb vehicle.

**Product Overview**

Shallow Mount Bollards provide massive vehicle stopping capability, and avoid underground utilities as foundations are only 12" deep.

Shallow mount bollards are easy to install and cost effective, as all components are prefabricated and modular.