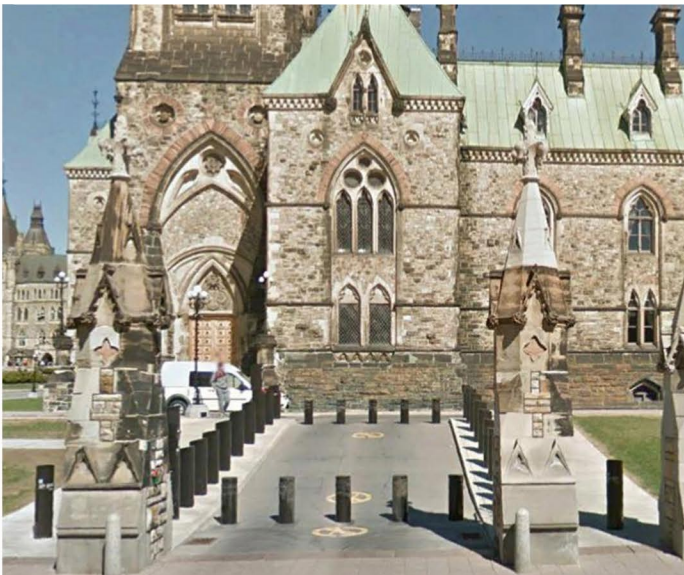
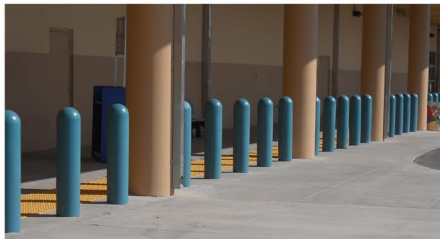


SHALLOW FOUNDATION BOLLARD MODEL SMB-1200

ASTM M50 (K12) CERTIFIED
FIELD ADJUSTABLE
PREFABRICATED SINGLE BOLLARD UNIT



- ◆ Crash tested and certified with ASTM F2656 M50 rating (K12).
- ◆ Engineered to stop vehicle impact within 1 meter (P1 Penetration).
- ◆ Shallow foundation is 16" deep to avoid underground utilities.
- ◆ Excavation is 72" wide X 16" deep with 4000 psi concrete (1.65 cy concrete per bollard).
- ◆ Only one prefabricated bollard unit to set. Allows for field adjustments.
- ◆ No field welding, bolted connections, or specialty subgrade required during installation.
- ◆ Easily installed with turns and across grade elevation changes.
- ◆ Bollard spacing up to 54" on center minimizes number of bollards required (fewer bollards reduces costs).
- ◆ 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.