



Product Specifications

Tomahawk M50 Stand Alone Shallow Mount Bollard (Model SMB-1200-SA)

1. Crash tested and certified with ASTM F2656-07 M50 P1 rating (K12).
2. Department of Defense (DoD) approved and listed on Anti-Ram Vehicle Barrier List.
3. One single standalone bollard stops 15,000 lb. vehicle at 50 mph in less than 1 meter.
4. Bollard spacing at any distance is certified.
5. Shallow foundation only 14" deep avoids underground utilities.
6. Modular prefabricated bollards are easily installed in the field.
7. Cost effective installation using minimal concrete.
8. No field welding, bolted connections, or specialty subgrade required during installation.
9. Easy installation across grade elevation changes and at turns without complication.
10. Allows for field adjustments and changing distance between bollards if required by site conditions.
11. A variety of bollard covers are available including stainless steel, plastic, decorative shapes, concrete, lighted covers, and others.
12. Drawings, submittals, engineering support, and installation instructions with photos are included.