

**AMERISTAR®**

**ASSA ABLOY**

1555 N Mingo Road  
Tulsa, OK 74116  
(800) 321-8724

**AFPOP2-2 – Bollards - Perimeter Security & Traffic Management Design & Practices**

AIA HSW accredited presentation – 1 hour (CEU)

**SUMMARY**

This AIA presentation is to educate Architects, Engineers and Design Consultants in the latest technologies and market requirements for vehicle barriers (bollards). This presentation is targeted for commercial and high security applications.

**SYNOPSIS**

Currently, the US and many international countries are under a high state of alert with the threat of imminent terrorist attack. Events such as the Oklahoma City bombing, the World Trade Center bombing and the attempted bombing in Times Square, New York show the continued threat of vehicle laden bombs. Bollards are widely accepted as one of the most effective perimeter security defenses against such attack. The combination of strength and aesthetics make these the most popular solution for architects and consultants. Most new construction and all federally funded projects incorporate security measures to mitigate the threat of VBIED's. Attempting to balance security and aesthetics can be challenging, but advances in technology have greatly improved this.

The following learning objectives will be met –

Learn the key bollard/barrier market drivers and the external factors within the marketplace that are driving architects, consultants, security managers designers, facilities managers and contractors to fitting vehicle barriers.

Learn the industry standards and certifications used and the two internationally recognized standards for high security/anti-terrorist equipment.

Learn the different types of bollards/barriers technology that is available. This will include types of bollards, security level, and aesthetics.

Learn how to write the correct specification to ensure you get what you want when specifying a vehicle barrier solution.