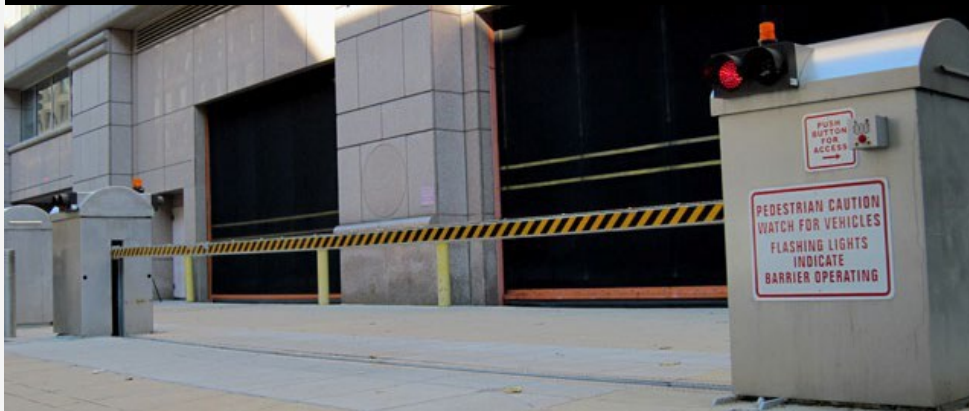


## GREAT FOR CONTROLLED ACCESS POINTS WITH HIGH VEHICLE TRAFFIC!

- ▶ The HBB's operating controls are installed above ground, allowing for easy access for maintenance support.
- ▶ The HBB is entirely electro-mechanical, making it ideal for sites where hydraulic fluids are prohibited.

### HORIZONTAL BEAM BARRIER



### Consider a **HORIZONTAL BEAM BARRIER**

to provide high traffic, wide checkpoints with engineered security.

### FEATURES

- Crash engineered for M30, M40, M50
- Electro-mechanical operation
- Clear openings up to 34'
- 36" beam height
- 3 second operating speed to full beam height
- High duty cycle for fast vehicle processing
- Double-sided protection
- Compact footprint (extended vertical or lateral clearances not required)
- Galvanized finish standard; other finishes available

The **Horizontal Beam Barrier** (HBB) features a structural steel beam that lowers to surface level to permit traffic flow and rises to a beam height of 36" to stop traffic. This beam is anchored in place between two end wells, able to secure multiple lanes of traffic or wide checkpoints. The HBB offers a unique solution for properties where the widths of the entrance are wider than most conventional gates can cover, up to 34'.

The HBB's compact footprint is perfectly suited for close-quarters installation sites where a high level of security is required. The HBB requires minimum excavation across the roadway itself, and primary excavation is outside the roadway opening, easily avoiding underground utilities and other obstructions.

Boasting a 3 second operating speed, the HBB allows for fast processing of vehicles. The HBB features a warning horn, flashing light, and photoelectric sensor in accordance with UL 325 standards. It is preconfigured for easy integration of additional access control and safety devices as well as integration of barrier command and control from multiple control locations.

# HORIZONTAL BEAM BARRIER

## TECHNICAL DATA

VARIATION	STANDARD FOUNDATION
Crash Rating	K4, K8, K12 M30, M40, M50
Clear Opening	Min: 12 ft; Max: 34 ft
Deployment Height	36" (top of beam)
Post Height	< 60" (top of end cover)
Foundation Size (ea. End Post)	48" DIA x 67" DEPTH (round)
Concrete Type	4,000 psi
Operations Options	Electro-mechanical
Duty Cycle	<3 seconds
Weight	approx. 4,500 lbs
Weight Capacity	20,000 lbs/axle
Power Requirements	Single Phase: 240 V; 3-Phase: 208 / 460 V
Operating Temperature	-10° to 150° F; below 32° option heat trace/package
Reflective Tape	Optional

## ACCESSORIES

ACCESSORY	STANDARD	OPTIONAL
Photoelectric Sensors	✓	
Loop Detectors		✓
Speed Detectors		✓
Closed Position Sensors	✓	
Warning Horn	✓	
Flashing Light	✓	
Traffic Lights		✓
LED Lights		✓
Voice Alarm		✓
Foundation Heaters		✓
Cooling Fans		✓
Key Lockable Control Panel	✓	
Digital Keypad		✓
Card Reader		✓
Handheld Remotes		✓
Intercom		✓
Below 32° Heat Trace/Package		✓

## IDEAL INSTALLATION

- Footprints with no Clearance Needed *gate structure can sit right at the edge of the road*
- Vehicle Entrances or Sally Ports with High Traffic Volume *< 3 second operating speed*
- Covers Multiple Lanes with Single Gate *up to 34 feet clear opening*

