



# Nationwide Structures, Inc.

Structures, Equipment and Solutions for Your Security Needs

[www.nationwidestructures.com](http://www.nationwidestructures.com)

**Guard Booths**

**Bullet Resistant Guardhouses**

**Harsh Environment AC Units**

**Towers and Platforms**

**BWS Fighting Positions**

**Modular Armored Security Shields**

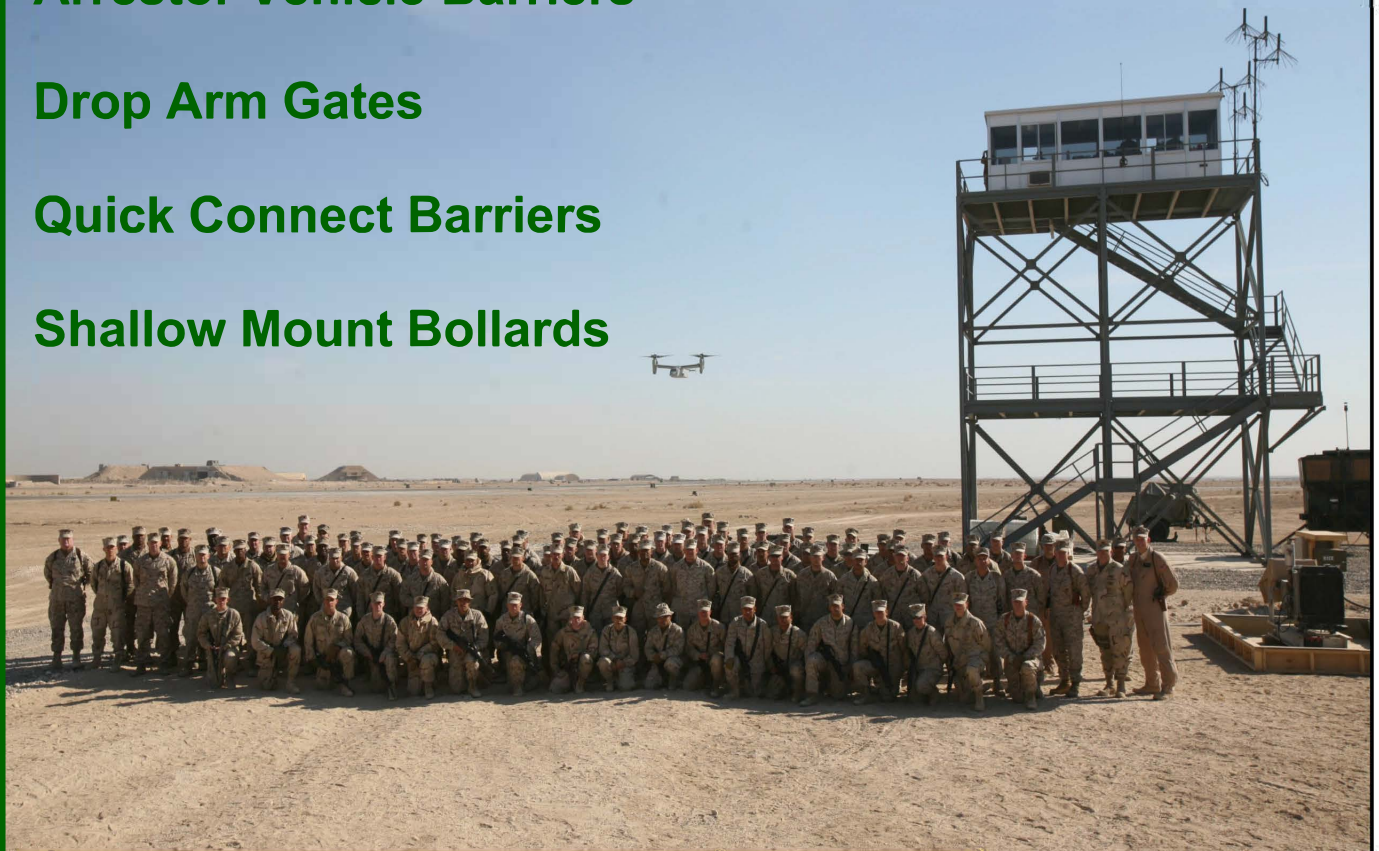
**C-Through Weapon Shields**

**Arrestor Vehicle Barriers**

**Drop Arm Gates**

**Quick Connect Barriers**

**Shallow Mount Bollards**



Virginia Beach Va

757-464-4245

1-888-430-0301

# PREFABRICATED BOOTHS



Every NSI prefabricated booth is engineered and built to order, to match each customer's unique requirements.

Booths are designed and fabricated to meet any ballistic protection, mobility, or harsh environmental conditions.

**1-888-430-0301**

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# PREFABRICATED BOOTHS

NSI is a leading supplier of premium quality prefabricated booths, and buildings, for both military and commercial use.

While still providing the standard unrated buildings offered since 1986, new innovative design solutions have expanded the product line to include higher ballistic rated booths and buildings.

*Standard Unrated  
6'x4' Booth  
Available as a  
'Quick Ship' model*



Booths can be "fixed" units secured to a concrete pad, platform, or tower and connected to a power source.

Booths are custom engineered and available in any style or ballistic rating required to meet the individual buyers needs for ballistic protection, mobility, and environmental conditions.



*NSI's ballistic rated NIJ IV  
AGS Assemblies are currently being  
utilized by US Military units in  
remote areas around the world.*

Portable units can include features providing for ease of transpost or relocation.

Standard portability options include forklift pockets in the baseframe or heavy duty trailers, designed for each booths dimensions and weight where rapid deployment may be critical.



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# PORTABLE BOOTHS

Booths can be factory mounted to structural platforms with lifting rings and generators for situations requiring a unit be airlifted to the front line.

All portable booths include an exterior power inlet or cord for connection to local power or a generator.

All security booths and buildings ship fully assembled and factory wired.



*NIJ IV booths and desert multi-fuel generator on custom structural platform, designed for airlift*

*National Guard ACP Booth on concealed elevated platform*



*US dam ACP Booth  
Ballistic Rated Level 4*



*US Army ACP Booth  
Ballistic Rated Level 3*



*US Marines with prefabricated  
Air Traffic Control Tower in the  
Middle East*



# BOOTH OPTIONS

## Ballistic Options:

Maintenance free anodized aluminum booths are available with ballistic ratings up to and including UL752 Level 3.

Steel high security booths are rated as high as NIJ IV. Steel buildings are also available in .50 caliber, and blast resistant ratings as well.

## HVAC Options:

The recently introduced heavy duty harsh environment AC units are available as an option for both "fixed" and portable booths.

NSI3000 (30,000 BTU) and NSI1800 (18,000 BTU) AC units are engineered and built to meet the climate conditions of the Middle East.

These units are offered as a replacement for the standard "RV" type units that have consistently failed in the extreme temperatures of the region.

## Portability Options:

Fixed booths are designed for permanent or semi-permanent installation where ease of relocation is not a requirement. Booths are typically anchored to a concrete pad, elevated platform, or tower.

Trailer mounted booths use single or dual axle trailers sized and rated to match each booth's weight and dimensions.

Forkliftable booths have forklift pockets incorporated into the base frame for transport and relocation needs.

Booths can be mounted on structural platforms, complete with generator. These platforms have forklift pockets and lifting eyes making them suitable for airlift operations and rapid deployment.



# TOWERS AND PLATFORMS

Nationwide Structures, Inc. (NSI) is a leading supplier of custom towers and platforms for military and private sector applications.

Structural members and tower components (handrails, stairs, bracing, platform) are fabricated, then painted or galvanized, and ship with detailed instructions for ease of assembly. All hardware and fasteners are included for field assembly on site.

All structural members and tower components bolt together and no cutting or field welding is required for assembly.

Towers are available in any height and can include straight, wrap-around or u-shape stair and landing structures.



## *Popular Options Include:*

- Painted finish or hot dip galvanized
- Prime or standby generator power
- Ballistic rated guard booth
- Armored security shields
- Ballistic rated weapon stands
- Lightning protection kits

One popular NSI tower package includes an NIJ IV ballistic rated security booth, NIJ IV ballistic weapon stands with gun mounts, a prime power multi-fuel "desert" generator and lightning protection kit. This packaged combination is currently in use by U.S. military forces around the world.

Two story platforms are available providing a top deck for an air traffic control or range tower booth, with a second observation platform below.

Towers and platforms can be purchased individually or combined as a package unit to include a prefabricated booth, armored shields, generator, and other options.

Whether the tower is for military observation on a training range or as a vision or guard tower for perimeter security, where an elevated line of sight is required to protect critical assets, the tower can be designed to meet any need or situation.





# BALLISTIC WEAPON STANDS

This patented Ballistic Weapon Stand (BWS) is custom designed as a cost effective and direct bolt-on replacement for existing MK16 and other type stands which do not provide ballistic protection. The BWS offers unparalleled safety for an operator while performing as a stand-alone gun mount in any fighting position or ECP (entry control point). The BWS increases an operator's accuracy by providing confidence and an extremely stable platform when freestanding.

The BSW interfaces with all military crew served weapon mounts and has a unique bolt pattern to easily replace MK16 tripod systems regardless of original installation direction. The BWS is designed to give an operator NIJ Level 4 and UL Level 8 protection by replacing Kevlar, sandbag, concrete, and water filled emplacements with true ballistic protection for personal security at vital assets, entry control points, and for sentry and guard positions. It is also designed to withstand foul weather or heavy seas without the need to stow during transit.

The BWS is CAD designed, CNC laser cut, protected by a NAVSEA approved Fluidized Bed powder coat process, and constructed of 3/8" AR500 "Armor Plate" steel. The BWS is certified by HP White Laboratories to withstand repeated hits from virtually any shotgun, handgun, or rifle to include all 5.56mm and 7.62 armor piercing ammunition. The BWS has also successfully defeated one round of .50 caliber steel core ball M33 ammunition fired from a M2HB Browning Machine Gun at 100 meters.

## Ballistic Weapon Stand Specifications

Height: 38"  
Width: 45"  
Depth: 23"  
Approximate weight: 380 lbs  
NIJ Level 4 / UL Level 8 Rated

By utilizing a 20° deflection angle and "clean face" design, the BWS ensures maximum safety for security personnel by safely directing fragmentation down and away from the protected Sentry's position. This angle also reduces the Radar signature of the BWS when used aboard ship.



The design of the BWS is fully compatible with our (MASS) Modular Armored Security Shields as well as our C-Through Shields for virtually unlimited configurations. In addition, the interlocking tab construction design of the BWS allows for a precise fit and eliminates the need for welds on critical armor plate, which prevents any change in steel temper maintaining true ballistic integrity. BWS assembly is easily completed with two personnel and a single wrench.

The BWS can be customized to customer specifications and furnished with shelves to accommodate weapon mounts, clearing barrels, or ammunition holders.



# MODULAR ARMORED SECURITY SHIELDS

The patented Modular Armored Security Shield (MASS) is the most advanced personal protective barrier ever designed. The MASS system is designed to give an operator NIJ Level IV or UL Level 8 protection by replacing Kevlar, sandbag, concrete, and water-filled barriers with true ballistic protection for personal security at vital assets, entry control points, and for sentry and guard positions.

The MASS is CAD designed, CNC laser cut, protected by a NAVSEA approved Fluidized Bed powder coat process, and constructed of 3/8" AR500 'Armor Plate' steel. The MASS is certified by HP White Laboratories to withstand repeated hits from virtually any shotgun, handgun, or rifle to include all 5.56mm and 7.62mm armor piercing ammunition. The MASS has also successfully defeated one round of .50 caliber steel core ball M33 ammunition fired from a M2HB Browning Machine Gun at 100 meters.

## Modular Armored Security Shield (MASS-ST) Straight Specifications:

Height: 46 3/4"  
Width: 24"  
Depth: 18"  
Approximate weight: 262 lbs  
NIJ Level 4 / UL Level 8 Rated



## Modular Armored Security Shield (MASS-45) 45° Specifications:

Height: 46 3/4"  
Width: 24"  
Depth: 21"  
Approximate weight: 236 lbs.  
NIJ Level 4 / UL Level 8 Rated



By utilizing a 20° deflection angle and "clean face" design the MASS ensures maximum safety for security personnel by safely directing any fragmentation down and away from the protected Sentry's position.

The MASS is manufactured in straight panels or 45 degree corners allowing the user to configure the system to suit their mission requirements. The MASS is completely portable for ease of movement, installation and reconfiguration. In addition, the Interlocking Tab Construction (ITC) design of the MASS allows for a precise fit and eliminates the need for welds on critical armor plate, preventing any change in the steel's temper and therefore ensuring true ballistic integrity. MASS assembly is easily completed with two personnel and a single wrench.



# C-THROUGH WEAPON SHIELDS

Current military splinter shields reduce the peripheral view of an operator and compromise his or her ability to assess the battlefield for multiple threats. Splinter shields were designed to protect guns and ammunition during anti-aircraft combat during WWII. However, with more of today's threats coming from land and sea, the C-Through Shield (CTS) combines modern innovation and capabilities in a transparent system that provides ballistic protection while allowing the machine gun operator to have a clear view of the battlefield.

The CTS is designed to give the operator NIJ Level 4 / UL Level 8 protection while increasing visibility during combat operations. In addition, when mounted on the front of a boat the CTS allows the coxswain to have an unrestricted forward view.

The CTS frame is CAD designed, laser cut, protected by a NAVSEA approved Fluidized Bed powder coat process, and constructed of 3/8" AR500 armor plate steel to provide protection against repeated hits from virtually any shotgun, handgun, or rifle to include all 5.56mm and 7.62mm armor piercing ammunition.

## C-Through Shield Specifications(CTS-1)

Approximate weight: 150 lbs  
NIJ Level 4 / UL Level 8 Rated

Compatible with:

MK93 (M2HB/MK 19)

MK97 (M240)

MK82 (M60/MK43)

M240 / M249 mount

Can be customized to fit virtually any single weapon mount.

## C-Through Shield Specifications(CTS-2)

Approximate weight: 190 lbs

Compatible with:

MK95 (Twin M2HB)

MK99 (Twin M240)

Can be customized to fit virtually any single weapon mount.



The C-Through Shield (CTS) is designed to ensure easy installation. The CTS bracket mounting system is compatible with all U.S. Crew Served Weapon mounts as well as many foreign mounts. With in-house CAD capability custom configurations are also available. Simply remove and replace your outdated splinter shield with the CTS. If you do not currently have a splinter shield we can provide you with the required mounting bracket.

The CTS is available with a one-way camouflaged laminate that reduces glare and prevents the enemy from seeing the operator. This camouflage can be printed in virtually any color to include standard camouflage patterns or be customized with your unit's logo.

For further ballistic protection, the C-Through Shield is compatible with the Ballistic Weapons Stand and Modular Armored Security Shield.



# ARRESTOR BARRIER

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## Features and Advantages

Crash Test Certified with Department of State K12 rating and ASTM M50 rating.

Two second deployment of cable net.

Reduced risk of injuring innocent drivers since barrier net "gives" while energy absorption systems are activated upon vehicle impact.

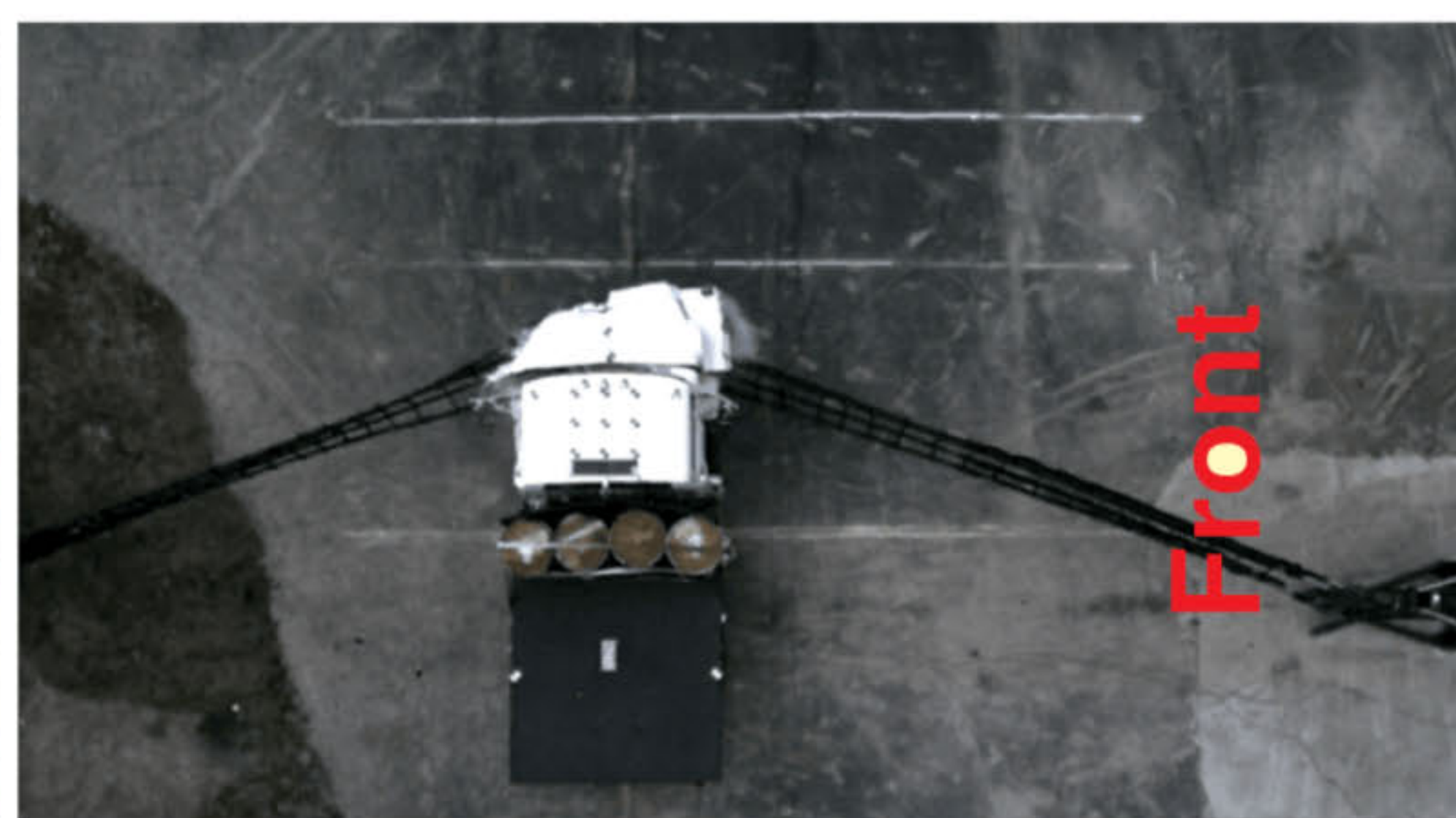
Covered below-pavement trap to keep out debris and ice.

Smooth driving across barrier. Steel lid is only 12" wide and follows crown in road.

Stops vehicles traveling in either traffic direction (proven by crash tests).

Power is backed up without interruption. The barrier remains operational during a power outage.

Safety devices, signals, alarms, cameras, warning lights, over speed detection, and wrong way detection provided.



## Product Overview

The Arrestor is a net based active vehicle barrier deploying from below the pavement in 2 seconds. The barrier "gives" during an impact reducing the risk of injuring an innocent driver.

The barrier has been crash tested for multiple impacts, stopping 15,000 lb vehicles at 50+ mph.

The Vehicle Arrestor is certified with a DOS K12 rating and an ASTM M50 rating.





# DROP ARM GATE

Mobile, 2 hour setup, easily relocated.  
Packs on one pallet. Simple to use.

## *Features and Advantages*

Crash Test Certified with ASTM M50 rating.  
Stopped 15,000 lbs @ 52 mph.

One person operation. Raise or lower  
drop arm vertically, or rotate horizontally  
to allow or deny vehicle access.

Mobile system can be relocated.

Drop Arm spans up to 30 feet across  
two traffic lanes.

Simple to use with minimal training.

Pre-assembled components delivered to  
site on one pallet.

Minimal set up time. Two persons set up  
Drop Arm Gate in 2 hours using basic tools.

Little to no maintenance.

Aesthetic covers available.

Motorized drop arm available.



## *Product Overview*

The Drop Arm Gate is crash test certified with an ASTM M50 rating, where it successfully stopped a 15,000 lb vehicle at 52 mph. This vehicle barrier is easily operated by one person to allow or deny vehicle access. The drop arm is raised vertically or rotated horizontally from either side of the roadway. The Drop Arm Gate is mobile, and is easily set up in the field using basic tools.

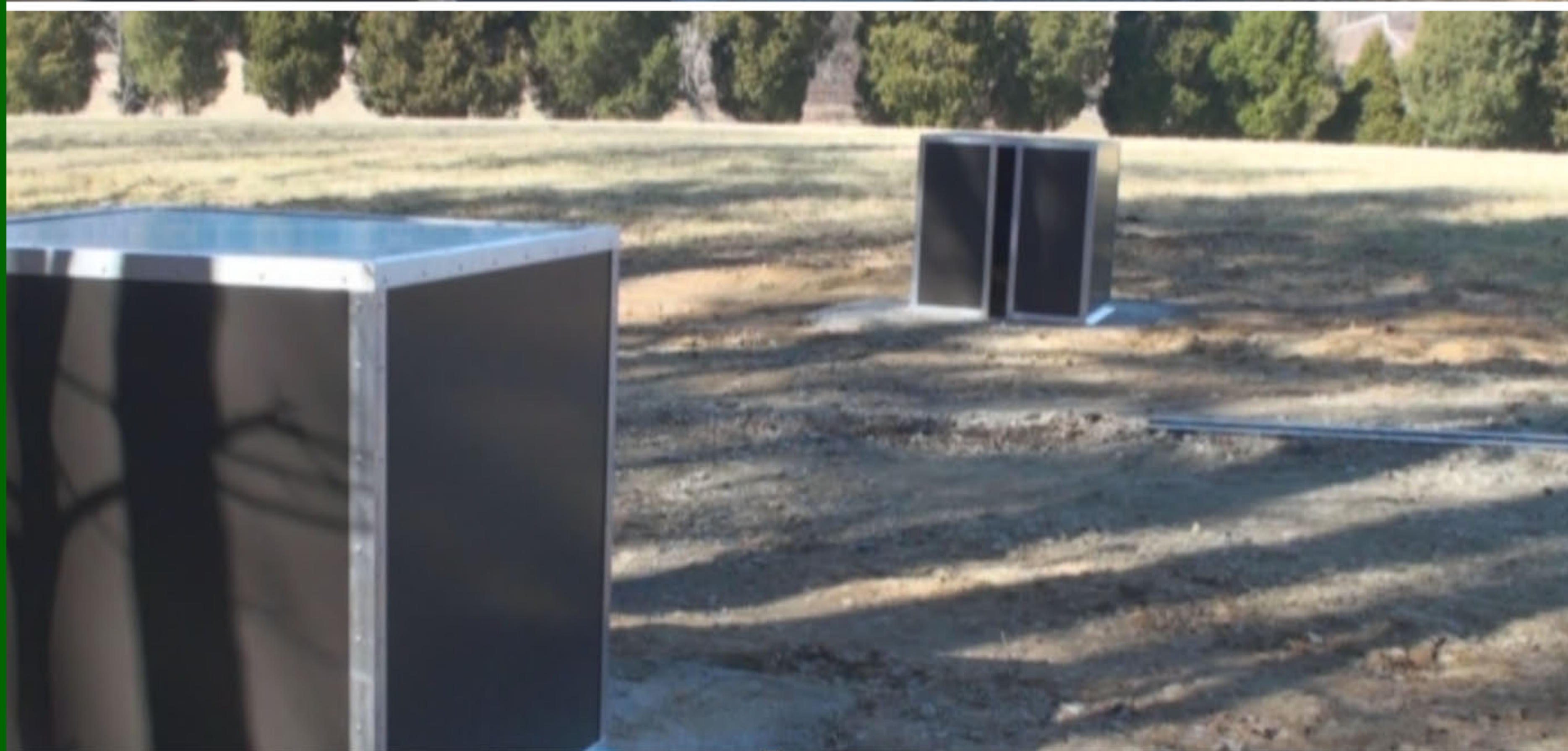


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# QUICK CONNECT BARRIER

Single person operation. Simple to use. Spans up to four lanes.



## Product Overview

The Quick Connect Barrier is a cost effective solution, requiring only a single individual to open or close an entry point.

Easily connected or disconnected, the Quick Connect Barrier can secure up to four lanes within minutes.

It is easy to set up and simple to use.



## Features and Advantages

One person operation. Open or close entry control point (ECP) in about 3 minutes.

Cost effective vehicle barrier solution that will span up to 50 feet (4 lanes).

Crash tested to stop a 6000 lb vehicle at 40 mph (ASTM P40 equivalent). Greater vehicle stopping capability is available.

Aesthetic covers are available.

Barrier cable stores on site when not in use.

Easy to connect and disconnect.

Simple installation and set up.

All weather use with little to no maintenance required.



# SHALLOW MOUNT BOLLARDS

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



## *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.



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# Nationwide Structures, Inc.

Structures, Equipment and Solutions for Your Security Needs

CENTAF Navy SAIC DHS USMC  
USCG FEMA USPS AFCEM DOD DOT  
Army

Nationwide Structures has been providing complete turnkey integration of prefabricated structures, security systems and solutions for access control, perimeter security, and entry control since our incorporation in 1986.

Nationwide Structures has built strong alliance relationships with world-class manufacturers, engineering, and security/threat assessment firms. Combining our strategic alliance partners, we are able to leverage decades of experience in the security industry, enabling us to offer fully capable integrated security solutions that solve our clients' needs.

Available solutions we offer include ballistic rated modular security shields and fighting positions tested and certified to UL752 Level 8; bullet resistant and blast resistant buildings tested and certified to UL, NIJ, and DoS standards; vehicle barriers; bi/multi modal biometric solutions, sensors and detectors, surveillance cameras, and structural steel mezzanines, catwalks, and towers.

US Pentagon DOE FORSCOM ARCENT USACE  
Ford Motor Company FDA US SOCOM  
Air Force Dept. of State National Guard

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