Fast! Easi! Secure!

J-JHooks®

Connection System

NCHRP-350, Test Level 3 Approved;
Jersey, F-shape, Constant Slope
and Other Profiles

www.JJHooks.com

EASI SET®

J-J Hooks®

Self-aligning with no loose hardware

- The only system available with no pins, bolts, or loose hardware that meets and exceeds the NCHRP-350, Test Level 3 requirements
- Self-aligning – automatically "hooks" into place
- Identical ends allow you to turn the barrier end-for-end
- Fastest setting times and lowest installation costs
- Vertical lift simplifies installation and removal
- One barrier can be removed without disturbing adjacent barriers
- Smaller installation crews, no loose hardware
- Eliminates replacement costs for rusted nuts and lost bolts
- Improved safety - no hands between barrier segments during placement
- Tight radius ability

Fastest install/remove design has theft-proof connection

- No loss of structural integrity or security breach due to lost or stolen hardware
- Theft-proof connection means no missing or stolen pins and loose hardware
- Self aligning means no need to "jostle" barrier when installing or removing pins that bind and slow setting/removal

If it's "J-J Hook

Homeland Security:

An Economical Solution

- Protecting utility plants, manufacturing facilities, office buildings, government installations, and city streets.
- Control vehicular and pedestrian traffic for major events, conferences, and concerts.
- Temporary security using J-J Hooks® security fence to provide a higher level of security than any other temporary measure.
- Close off potentially dangerous areas such as foundations, propane tanks, excavated areas, damaged guardrails, and damaged bridges.
- Standard J-J Hooks® barrier sections can be delivered from stock on short notice. Additionally, the sections can be modified to include a top-mounted security fence.

Barrier Rental, Transition Sections, Bridge Parapet and other sp

ed," You Know it's Secure.

Highways: NCHRP-350, Test Level 3, Crash Tested.

Meets & exceeds requirements for Jersey, F-Shape, Constant Slope, and Other Profiles.

Over 1,000,000 L.F. installed in 2007 alone!

- State and Federal transportation officials require positive connection barriers for increased safety. Approved in most states as well as many European and South American countries (See back page). (Also meets European Containment Level H2 for fixed barrier and Containment Levels T1, T2 and T3 for temporary safety barriers.)
- 100% integral connections allow no loss of structural integrity due to bent or missing hardware. Provides a continuous positive shear connection throughout the barrier system.

Certified Crash Test Results: NCHRP-350 Report Test Designation 3

"SUMMARY OF FINDING: The J-J Hooks® Jersey shape PCB system contained and redirected the vehicle. The vehicle did not penetrate, underride, nor override the installation. Maximum deflection of the barriers was 1.30 m. Fragments from the PCB were small and did not penetrate nor show potential for penetrating the occupant compartment, nor would they present undue hazard to others in the area. Maximum reduction of space was 7.9% in the instrument panel to the floor pan area, which was judged to not cause serious injuries. The vehicle remained upright during and after the collision event. The vehicle did not intrude into adjacent traffic lanes as it exited the test site ... Exit angle as loss of contact with the PCB was 9.4 degrees which is 38% of the impact angle."

Picture Captions (Left to Right): Crowd control barrier at the Capitol; Highway construction, Fredericksburg, VA; Security barrier, New York, NY; Actual crash test video footage, Feb 2, 1999; One person and a loader can install more than 5,000 feet per shift; (Bottom Right): Self aligning ends slide easily into place

cial designs available in some locations from local producers.

J-J Hooks®

Connection System

Approved States/Provinces:

United States:

- Alaska
- Arizona
- Arkansas
- Colorado
- Connecticut
- Delaware
- Dist. of Columbia
- Florida
- Georgia
- Hawaii
- Idaho
- Indiana
- Kentucky
- Louisiana
- Maine
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Mississippi
- Missouri
- Nevada
- New Hampshire
- New York
- North Carolina
- North Dakota
- Ohio
- Pennsylvania
- Rhode Island
- South Carolina
- South Dakota
- Tennessee
- Texas
- Vermont
- Virginia
- Washington
- West Virginia
- Wisconsin
- Wyoming

Canada:

- Ontario
- Nova Scotia

Other Approvals:

- Australia
- Belgium
- Chile
- Germany
- New Zealand
- Portugal
- Puerto Rico
- Spain

For Latest Approvals, Call (800) 547-4045

The World's Most Widely Used Precast Concrete Barrier Connection System.

"We've been extremely pleased with J-J Hooks® ... The ... barriers are not a male-female system like some of the others ... more versatility is built in which often allows less planning and less labor during traffic switches to ensure the barrier is configured correctly ... some of the other positive connection barrier systems bind up during placement and removal often causing damage to the wall - the J-J Hooks® system seldom does."

Ryan Gorman, P.E., Sr. Project Manager
Corman Construction, Inc.

"We're extremely happy with road barriers that have the J-J Hooks® connection. .. They are much quicker and easier to work with ... there is no reason for our guys to have their hands and fingers in the way since there is no loose hardware to put in place ... Overall, we're very impressed with the way this project is going with the use of J-J Hooks® road barriers."

Joe Steven, Superintendent
Ajax Paving Company

"... we installed over 26,000 linear feet of temporary barrier wall in 20' sections ... in six shifts ... removal was simplified by not having to pull pins or shake walls loose."

Don Stegemoller, Chief Estimator
Shappert Engineering Company

Manufactured locally by:

THE SHAW GROUP

The Shaw Group
PO Box 2130, Lantz, Nova Scotia, B2S 3G4, Canada
phone: (902) 883-2201, fax: (902) 883-1273
www.shawgroupltd.com

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