J-J Hooks®

Self-aligning

- Automatically "hooks" into place
- No need to "jostle" barrier when installing or removing pins that bind and slow setting/removal
- Tight radius ability

No loose hardware - theft-proof connection

- No missing or stolen pins and loose hardware
- Eliminates replacement costs for lost bolts and connection hardware
- No loss of structural integrity, security breaches or liability due to lost or stolen hardware

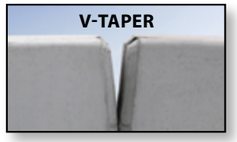
Fastest setting times - lowest installation costs

- Compatible J-J Hooks hardware connects MASH & NCHRP-350 barriers in the same installation
- Identical ends allow the barrier to be turned end-for-end
- Smaller installation crews, no loose hardware
- A barrier can be removed without disturbing adjacent barriers
- Vertical-lift simplifies installation and removal
- Improved safety - no hands between barrier segments during placement

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

J-J Hooks NCHRP-350 Barrier is manufactured by 39 Licensed Precasters and is currently used in 41 states, DC, and 8 countries worldwide. It is a positive-lock self-aligning connection system which requires no loose hardware and offers fast/easy removal and replacement of any damaged sections. Identical ends means faster setting/removal times with less traffic interruption. J-J Hooks is available for rental.

Accept only the original! J-J Hooks®



Look for the unique J-J Hooks design features

The J-Hook Connector and the V-Taper are U.S. trademarks of Easi-Set Worldwide.

www.JJHooks.com

Manufactured locally by:

EASI SET® WORLDWIDE

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Faster! Easier! More Secure!

EASI SET® WORLDWIDE

MASH, Test Level 3
BOLT-DOWN, PIN-DOWN Barrier

Pin-Down Crash Test w/ 36" Deep Cut

Meets FHWA MASH Requirements
(Manual for Assessing Safety Hardware)

J-J Hooks® Safety Barriers

"Continuing a Tradition of Innovation"

NORTH AMERICA'S: LOWEST COST TO PURCHASE/RENT, LOWEST COST TO INSTALL/REMOVE, LOWEST DEFLECTION

BOLT-DOWN: MASH, Test Level 3 (4" Static Deflection)

North America's Only **2 Bolt** MASH-Tested Barrier

Easi-Set/Hilti Bolt, Anchor and Adhesive System for Bridge Applications

Partnering with international brand Hilti Corporation, Easi-Set Worldwide introduces a proprietary Bolt Assembly and Adhesive precast barrier anchoring system for bridges. This System is available only through Easi-Set's network of Licensed J-J Hooks® Producers.

Bolt-Down Features & Benefits:

- MASH-Tested proprietary bolt assembly/adhesive anchor system
- Allows fast, easy removal of barriers without flame-cutting bolts or damage to the bridge deck
- Easy installation (2 bolts for 12' section, 3 bolts for 20' section, additional bolts for 30' section), bolts are reusable
- Anchoring system used with HY-200 Adhesive (Hilti)
- Threaded anchors are recessed for easy bridge deck patching

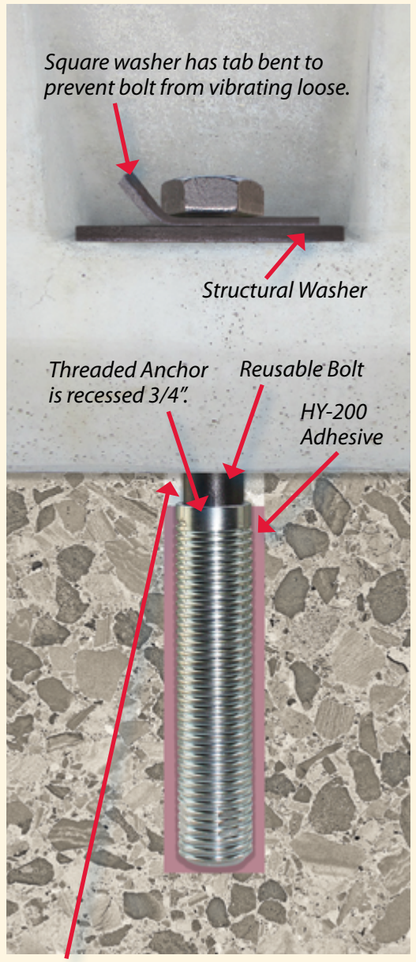
Drilling hole

Cleaning hole with air and brushing

Injecting HY-200 Adhesive

Installing Anchoring System

Proprietary Bolt Assembly



Hole is filled with grout after bolt removal

PIN-DOWN: MASH, Test Level 3 (5½" Static Deflection)

Pin-Down System for Lane Reconstruction Applications

MASH crash tested within 6" of a 36" deep cut. The J-J Hooks® Pin-Down Barrier system provides: unprecedented protection, maximum lane utilization, and superior performance.

Pin-Down Features & Benefits:

- Easy Installation (3 pins for 12' section, 4 pins for 20' section, additional pins for 30' section)
- Threaded pin with mating tools for speedy installation and removal
- Maximum protection for excavations located within 6 inches of pinned barrier
- Available for Private Applications: wharf & dock, sports & convention centers, railroad, and perimeter security.

Threaded removable pin extension used for installation and removal

Pins installed - 3 minutes each

Pin installed

Removing pin

Pin removed

MASH TL3, Bolt-Down and Pin-Down Barrier joins The Original J-J Hooks NCHRP-350 TL3 Free-Standing Barrier to become the first private source for a complete barrier system.