



## NEWS RELEASE

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### **Acrow's 700XS® Panel Bridging System Offers Advanced Features to Meet Ongoing Demand for Highway Safety**

*Flagship product in permanent, temporary and emergency modular steel bridging is ideal for multi-lane, high-speed use*

(Parsippany, New Jersey) – 16 April 2013 – Acrow Bridge, a leading international bridge engineering and supply company, offers advanced transportation safety features in its flagship 700XS® panels for permanent, temporary and emergency modular steel bridging. These features address the continual demand for technological enhancements that address driver safety, especially on multi-lane, high-speed highways.

More than 30,000 people die every year in vehicle accidents on U.S. highways, according to the National Highway Traffic Safety Administration.

The Acrow 700XS Panel Bridge, designed to readily accommodate customers' specific needs in length, width and strength, offers key safety enhancements, including:

- **Flat steel deck technology** – Unlike alternative open grid systems, the Acrow deck unit is a flat solid surface onto which Acrow applies an anti-skid aggregate coating. The aggregate driving surface offers better and safer traction than asphalt. In all weather conditions, the Acrow driving surface has been found to provide a significantly safer and less slippery surface than other flat driving surfaces that use checker, diamond or Durbar patterned steel plates.\*
- **Crash barrier system** – Acrow bridges can be easily installed with optional steel railings. These crash barriers are built to deflect a Category 4 crash impact of

approximately 25 metric tonnes from a large tractor trailer. This type of crash rail system is approved by the U.S. Federal Highway Administration for use on high-speed Interstate Highway applications, which require the strongest and most robust crash rails to protect motorists.

“At Acrow, we approach bridging as more than just an assembly of steel components, but as a vital way to connect people and their communities,” said Bill Killeen, President and CEO of Acrow Bridge. “That’s why we take transportation safety very seriously and use state-of-the-art steel bridging technology in all of our products to address this issue.”

\* Based on tests conducted by Lehigh University

### **About Acrow Bridge**

Acrow Bridge has been servicing the transportation and construction industries for more than 60 years with a full line of steel bridge products for vehicle and pedestrian use. For more information, please visit [www.acrowusa.com](http://www.acrowusa.com).

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**Photo:** .jpg file attached and also shown below with caption

**Caption:** This Acrow 700XS® Panel Bridge has been serving as a detour during construction along Florida’s Interstate 75 since 2011. The 320-foot (97.54 meters), multi-span bridge carries northbound Interstate 75 traffic and is equipped with a TL-4 rated guide rail system. The temporary bridge is designed for a HL-93 live load of approximately 60 tonnes for two lanes of traffic, meeting American Association of State and Highway Transportation Officials standards. Fast and easy to install, the bridge was erected overnight, using a cantilevered launch and requiring only a four-hour closure. Renting or purchasing an Acrow bridge provides a temporary detour that is predictable and unchanging, which enhances safety for both motorists and construction workers, as opposed to “phased” construction in which lanes are often being moved to get traffic around work sites during construction.

