

LIBERTY SERIES™ MODULAR PANEL BRIDGES

The World's Most Adaptable Bridge

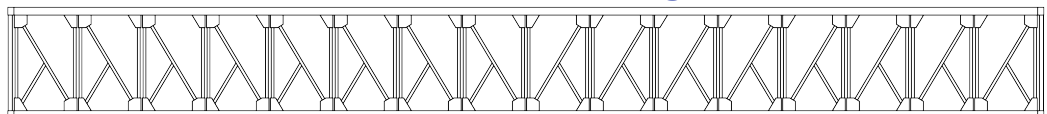
The "Liberty Series" All-Bolted Diaphragm Panel Bridge from U.S. Bridge gives you a wide range of flexibility allowing you to build and rebuild your bridge time and time again... in different locations, depending on your growing needs. For your next bridge project you may need to change the bridge length - the bridge width - upgrade the loading. Not a problem with Liberty. We have taken the complexity out of the selection process by providing you with carefully chosen configurations that have been developed to give you the very best options for your project.

Designed as a permanent structure, the Liberty Series Bridge can also be used as an emergency or temporary bridge. And when the time comes to move it, simply unbolt and move it in desired lengths to other locations. Comprised of 8' wide x 12' high welded panels fitting into top and bottom channel guides, the Liberty Series Bridge is easy to configure, install and maintain with no need for special equipment.

Liberty's floor-to-truss framing connections are engineered according to a lateral frame analysis method required in AASHTO LRFD Bridge Design Specification, Section 4.6.3.5. This framing arrangement promotes enhanced stability between the trusses and floor framing and provides an engineered advantage to internal rakers and braces, simplifying details and allowing for more rapid installation.

The Liberty Series Bridge has been load tested by the West Virginia University. Report available upon request.

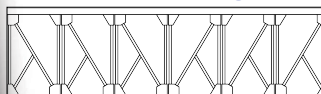
1 - 128 ft Bridge



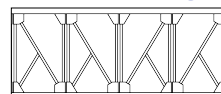
OR

3 Separate Bridges

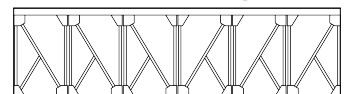
48 ft Bridge



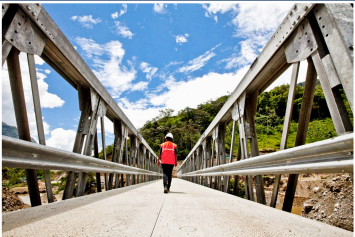
32 ft Bridge



48 ft Bridge



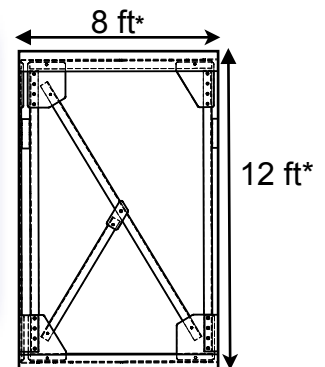
Add panels to make your bridge longer or take away panels to make it shorter.



LIBERTY SERIES™ MODULAR PANEL BRIDGES

Key Product Features

- Can be used as a permanent structure or disassembled and used as a temporary or emergency bridge.
- Spans up to 200 ft. Single or multi lane options available.
- Pre fabricated and in stock for quick deployment.
- Available with checkered plate or anti skid epoxy flooring options. Can be customized for asphalt, concrete and timber decking.
- Designed for AASHTO criteria including fatigue requirements depending on your specified truck volume. Meets truck live load requirements for HL93, HS25, CL-625 , HA and HB British truck standards and EuroCode.
- Pre Fabricated bridge meets FHWA criteria for Accelerated Bridge Construction resulting in reduced on-site installation time and costs.
- All-bolted connections eliminate the need for any pins, frequent maintenance or spare parts as required by other panel bridges.
- Built-in proportional camber is designed to correspond with the bridge's span thereby eliminating deflection during service.
- Can be launched or set with a crane.
- AISC based fabrication from NEW domestic steel.
- Liberty is compatible with other pre manufactured bridge components including decking, abutments and piers.



Typical Panel



* Nominal size. Please confirm actual size.



U.S. Bridge
201 Wheeling Avenue
Cambridge, OH 43725
1 (888) 872-7434, Fax 740 439-7349
info@usbridge.com
www.usbridge.com

The Most Trusted Name in Bridges™