



## Acrow Participates in Modular Steel Bridging Training for U.S. Army Reserve Bridge Company

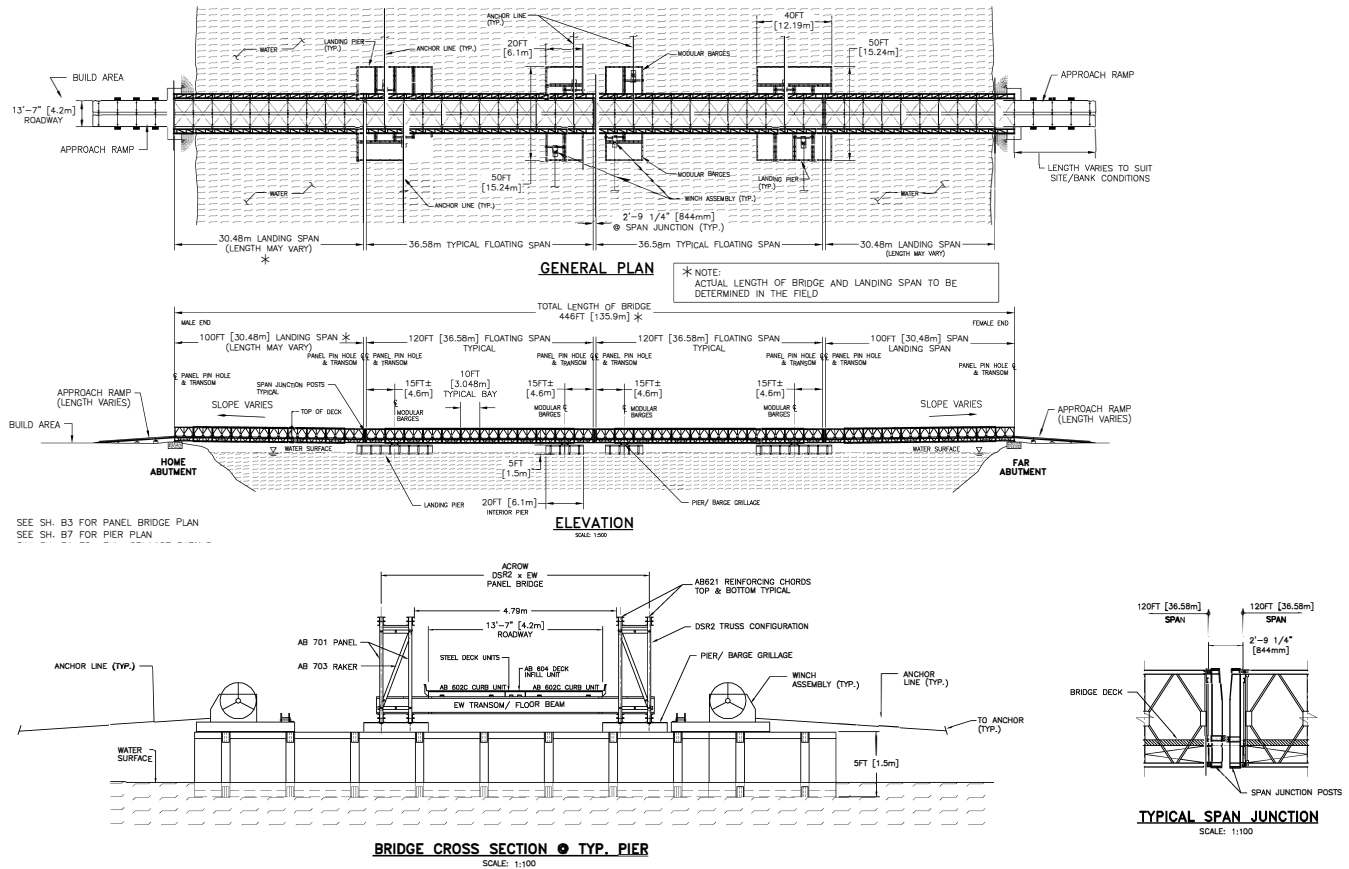
Hands-on instruction prepared the unit for deployment to Iraq

During a two-week period in August 2017, Acrow took part in training the U.S. Army Reserve's 652nd Multi-Role Bridge Company on the assembly and disassembly of Acrow modular steel bridges used in military operations. The exercises provided an opportunity for the 652nd Engineers to train on bridge construction prior to the Company's deployment to Iraq, where it assumed duties of the Bridge Training Team in support of the Iraqi Army and the Coalition Joint Task Force. The training took place at Fort Leonard Wood, Missouri.

A 440-foot-long (134.11m) multi-span Acrow Wet Gap bridge owned by the Department of Defense was used during the training. With an epoxy aggregate deck surface, it is designed to a Military Load Classification

(MLC) of 80 ton tank / 110 ton wheeled vehicle. The bridge is supported on Poseidon sectional barges which act as the floating intermediate piers. It was installed using U.S. Army Bridge Erection Boats, a hydraulic excavator and a crane.

Through a long-standing partnership with the U.S. Army, Acrow has provided bridges used during deployment to bridge gaps for supply runs and other temporary and permanent route access needs. Acrow's modular prefabricated steel components are easily assembled on-site with minimal equipment, and can be engineered for loads up to MLC 120T / 150W for both wet and dry gap applications.



## Specifications

### Bridge length:

440' (134.11m)

### Roadway width:

13.78' (4.2m)

### Deck surface:

Epoxy aggregate

### Bridge erection method:

Equipment used included a MAC 50 crane, a hydraulic excavator, Bridge Erection Boats and Common Bridge Transporter trucks.

### Design load:

Military Load Classification (MLC)  
 80T / 110W

### Standard Acrow bridge finish:

- All major components galvanized to AASHTO M111-ASTM A123
- All bolts are hot-dip galvanized
- All pins are electrogalvanized

### Standard Acrow bridge specification:

- Panel chords, diagonals, verticals, reinforcing chords, rakers to AASHTO M223 GD 65
- Raker braces, transoms, top chord braces, swaybraces, transom braces, diagonal chord braces, decking to AASHTO M223 GD 50
- Panel pins to ASTM A 193 GD B7
- Bolts to AASHTO M164M - A325