## **ACROW**





# **Acrow Bridges Selected for Hurricane Recovery Efforts** in Honduras

High-quality modular steel structures reconnect communities and provide resilience against future climate events

In November 2020, Hurricanes Eta and Iota brought torrential rain across much of Central America. In Honduras, some areas received up to 35 inches of rain, creating widespread damage to buildings, agricultural land and infrastructure systems, leaving numerous roads and bridges impassable or destroyed.

The quick reconnection of a safe and reliable transportation network was an immediate and critical need. Acrow supplied 12 modular steel bridges to assist with rebuilding efforts throughout the country. The structures were delivered well ahead of the 90-day delivery deadline in order to support The Government of Honduras in its efforts to expedite relief efforts for the Honduran people.

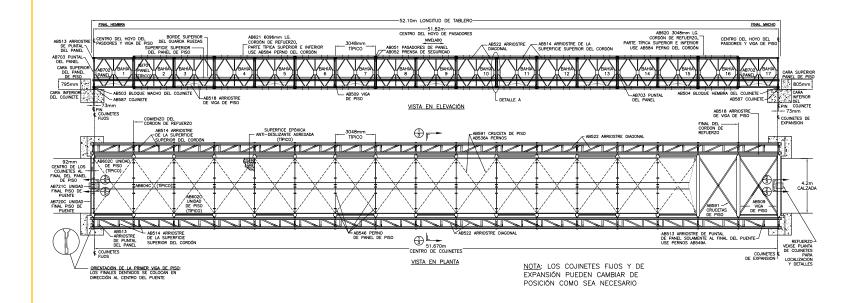
Acrow supplied 600 meters of single-lane bridging in

spans of 51.82 meters (170'). Each bridge is 4.2 meters (13.78') wide with a factory applied anti-skid aggregate epoxy road surface. The installation of the bridges utilises a cantilever launch and rolling method using the six launching assembly noses supplied. Acrow provided on-site training and technical support during the successful assembly and installation of the first three bridges and continues to support the deployment of the remaining structures.

Acrow's modular bridges are ideal solutions for the rapid restoration of damaged or destroyed infrastructure. Shipped from a large inventory held globally and easily transported, even to difficult, remote locations, they are quickly installed by local partners using minimal equipment and operational within days or weeks.

acrow.com bridges@acrow.com +1.973.244.0080





### **Specifications**

#### **Bridge length:**

12 bridges totalling 600m (1968') 11 x 51.82m (170'), 1 x 30.48m (100')

#### Roadway width:

All bridges EW - 4.2m (13.78')

#### Deck surface:

Epoxy aggregate

#### **Bridge erection method:**

Full cantilever launch

#### **Design load:**

AASHTO HS25-44

#### 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:

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

acrow.com bridges@acrow.com +1.973.244.0080