



Acrow Bridge Improves Access During Advanced Mine Development Project in Arizona

Modular steel structure accommodates heavy vehicles needed to construct the site

When a bridge was needed to enable heavy vehicle access to the South32 Hermosa mining site under development in the Patagonia Mountains in Southern Arizona, a modular steel solution from Acrow was selected. In addition to facilitating site access, the structure is also contributing to a more efficient flow of local traffic.

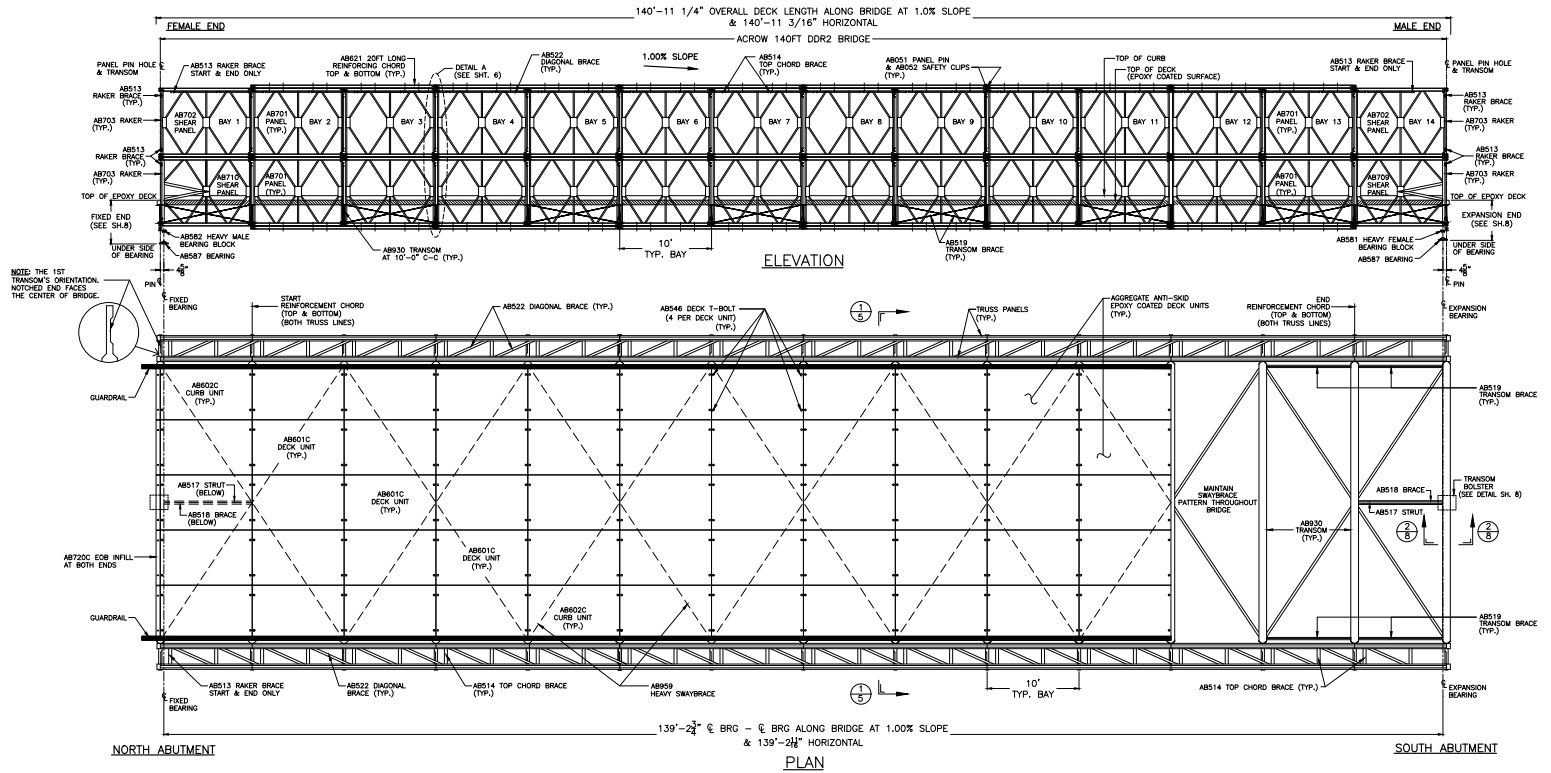
The bridge was installed on a low-traffic rural road connecting State Route 82 and Harshaw Road, spanning Red Rock Canyon Creek. Measuring 140 feet (42.67 meters) in length and 30 feet (9.15 meters) in width, the modular panel bridge features a TL-4 guardrail system and an aggregate anti-skid epoxy deck surface.

The structure was designed by CPE Consultants and engineered to support heavy vehicles for deliveries used to construct the project. Hunter Contracting Co. assembled and installed the bridge using a crane-assisted launch method. The bridge opened to limited traffic in March 2025 and will support the project's

development phase before ownership is transferred to Santa Cruz County.

Acrow has decades of experience delivering infrastructure solutions tailored to the unique requirements of the mining, energy, and oil and gas sectors. Assembled with standardized modular components, Acrow's bridges can be designed to support specialized loads, accommodate a variety of vehicle types, and perform reliably in harsh climates and remote locations. They are manufactured in the U.S. using high-strength galvanized steel for durability and corrosion resistance, and can be quickly and easily assembled and installed with minimal labor, equipment, and build area. For temporary applications, they are easy to disassemble for storage or redeployment.

Acrow's rugged bridging systems are trusted by contractors in extractive industry operations worldwide and can provide a cost-effective and efficient way to address the site access need of heavy vehicles for project development.



Specifications

Bridge length:

140' (42.67m)

Roadway width:

30' (9.15m)

Guide rails:

TL-4

Deck surface:

Epoxy aggregate

Bridge erection method:

Crane-assisted launch

Design load:

HL-93 and customer-defined vehicles used on mining operations

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